

**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION**
Washington, D.C. 20549

FORM S-1

REGISTRATION STATEMENT UNDER THE SECURITIES ACT OF 1933

XTI Aerospace, Inc.

(Exact name of registrant as specified in its charter)

Nevada
(State or other jurisdiction of
incorporation or organization)

7371
(Primary standard industrial
classification code number)

88-0434915
(I.R.S. employer
identification number)

8123 InterPort Blvd., Suite C
Englewood, CO 80112
(800) 680-7412
(Address, including zip code, and telephone number, including area code, of registrant's principal executive offices)

Scott Pomeroy
Chief Executive Officer
XTI Aerospace, Inc.
8123 InterPort Blvd., Suite C
Englewood, CO 80112
(800) 680-7412
(Name, address, including zip code, and telephone number, including area code, of agent for service)

Copies to:

Nimish Patel, Esq.
Blake J. Baron, Esq.
Mitchell Silberberg & Knupp LLP
437 Madison Ave., 25th Floor
New York, NY 10022
Telephone: (212) 509-3900

Brad L. Shiffman, Esq.
Blank Rome LLP
1271 Avenue of the Americas
New York, NY 10020
Telephone: (212) 885-5000

Approximate date of commencement of proposed sale to the public: As soon as practicable after the effective date of this registration statement.

If any of the securities being registered on this Form are to be offered on a delayed or continuous basis pursuant to Rule 415 under the Securities Act of 1933 check the following box. ☒

If this Form is filed to register additional securities for an offering pursuant to Rule 462(b) under the Securities Act, please check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering. ☐

If this Form is a post-effective amendment filed pursuant to Rule 462(c) under the Securities Act, check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering. ☐

If this Form is a post-effective amendment filed pursuant to Rule 462(d) under the Securities Act, check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering. ☐

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, a smaller reporting company, or an emerging growth company. See the definitions of "large accelerated filer," "accelerated filer," "smaller reporting company," and "emerging growth company" in Rule 12b-2 of the Exchange Act.

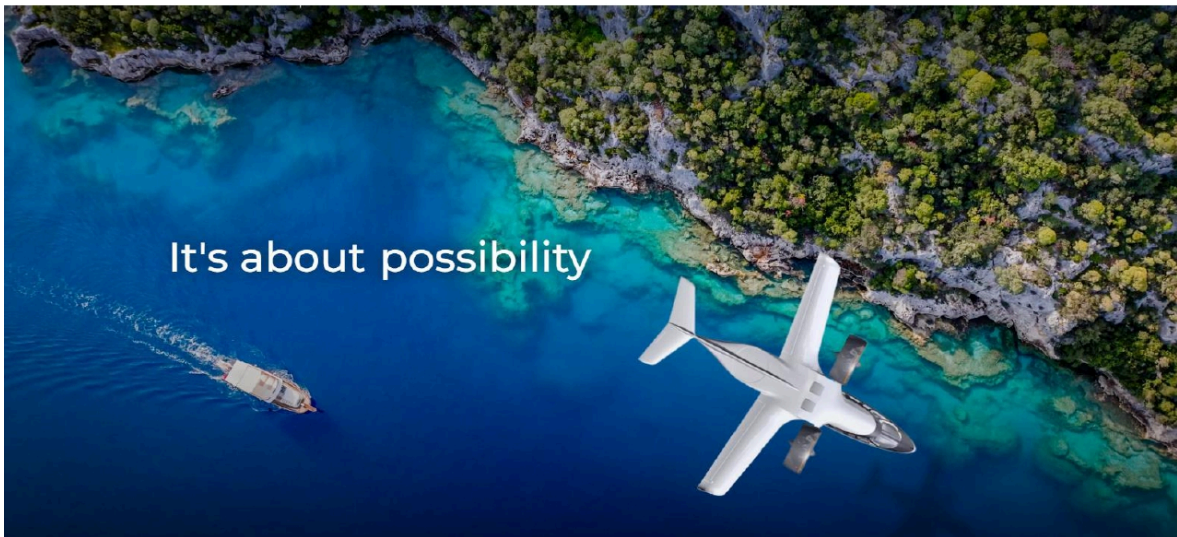
Large accelerated filer	<input type="checkbox"/>	Accelerated filer	<input type="checkbox"/>
Non-accelerated filer	<input checked="" type="checkbox"/>	Smaller reporting company	<input checked="" type="checkbox"/>
		Emerging growth company	<input type="checkbox"/>

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 7(a)(2)(B) of the Securities Act. ☐

The registrant hereby amends this registration statement on such date or dates as may be necessary to delay its effective date until the registrant shall file a further amendment which specifically states that this registration statement shall thereafter become effective in accordance with Section 8(a) of the Securities Act of 1933 or until the registration statement shall become effective on such date as the Securities and Exchange Commission, acting pursuant to said Section 8(a), may determine.

The date of this prospectus is _____, 2025.

XTI[✈]aerospace



Expectations eXceeded

Introducing the TriFan 600 – an XVtol. It takes off and lands like a helicopter and flies with the speed, range and comfort of an airplane. **It's about time**

25K

cruising altitude

1,000+

miles of range

0

new infrastructure required



TriFan 600 airplane under development. Estimated performance based on XTI airplane analysis. Subject to change and FAA certification.

Truly eXceptional

Meet the TriFan 600 — defining the xVTOL category

Skip the airport

Experience the convenience of true point-to-point travel.



Maximize every minute

Critical missions require speed, range and versatility.

Committed to sustainability

Compatible with 100% sustainable aviation fuel (SAF)



Compared to a conventional helicopter:

2X

the speed

3X

the range

TriFan 600 airplane under development. Estimated performance based on XT1 airplane analysis. Subject to change and FAA certification.



**Vertical takeoff
with the speed,
range and
comfort of a
business airplane**



**The TriFan 600
elegantly blends the
best of a business jet
and a helicopter into
one revolutionary
airplane**

TriFan 600 airplane under development. Estimated performance based on XTI airplane analysis. Subject to change and FAA certification.

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ABOUT THIS PROSPECTUS

We have not, and the underwriters have not, authorized anyone to provide any information to you or to make any representations other than those contained in, or incorporated by reference into, this prospectus, any amendment or supplement to this prospectus, or in any free writing prospectuses prepared by or on behalf of us or to which we have referred you. We take no responsibility for, and can provide no assurance as to the reliability of, any other information that others may give you. This prospectus is an offer to sell only the securities offered hereby, and only under circumstances and in jurisdictions where offers and sales are permitted. You should not assume that the information contained in this prospectus is accurate on any date subsequent to the date set forth on the front cover of the document or that any information that we have incorporated by reference is correct on any date subsequent to the date of the document incorporated by reference, even though this prospectus is delivered, or securities are sold, on a later date. Our business, financial condition, results of operations and prospects may have changed since the date on the front cover of this prospectus.

We may also file a post-effective amendment to the registration statement of which this prospectus forms a part that may contain material information relating to this Offering. The post-effective amendment may also add, update or change information contained in this prospectus. If there is any inconsistency between the information in this prospectus and any post-effective amendment, you should rely on the applicable post-effective amendment. Before purchasing any securities, you should carefully read this prospectus and any post-effective amendment together with the additional information described under the heading “Where You Can Find More Information” and “Incorporation of Certain Information by Reference.”

Neither we nor the underwriters have taken any action to permit this Offering or possession or distribution of this prospectus in any jurisdiction where action for that purpose is required, other than in the United States.

For investors outside the United States: We have not, and the underwriters have not, done anything that would permit this Offering or possession or distribution of this prospectus or any applicable free writing prospectus in any jurisdiction where action for that purpose is required, other than in the United States. Persons outside the United States who come into possession of this prospectus and any applicable free writing prospectus must inform themselves about, and observe any restrictions relating to, the Offering and the distribution of this prospectus outside the United States.

This prospectus contains summaries of certain provisions contained in some of the documents described herein, but reference is made to the actual documents for complete information. All of the summaries are qualified in their entirety by the actual documents. Copies of some of the documents referred to herein have been filed, will be filed or will be incorporated by reference as exhibits to the registration statement of which this prospectus is a part, and you may obtain copies of those documents as described below under the section entitled “Where You Can Find More Information.”

On March 12, 2024, XTI Aerospace, Inc. (formerly known as Inpixon (“Legacy Inpixon”)), Superfly Merger Sub Inc., a Delaware corporation and a wholly owned subsidiary of XTI Aerospace, Inc. (“Merger Sub”), and XTI Aircraft Company, a Delaware corporation (“Legacy XTI”), completed a merger transaction pursuant to that certain Agreement and Plan of Merger, dated as of July 24, 2023 and amended on December 30, 2023 and March 12, 2024 (as so amended, the “XTI Merger Agreement”), whereby Merger Sub merged with and into Legacy XTI with Legacy XTI surviving the merger as a wholly-owned subsidiary of XTI Aerospace, Inc. (the “XTI Merger”). In connection with the closing of the XTI Merger, we changed our corporate name to “XTI Aerospace, Inc.”

Except as otherwise indicated herein or as the context otherwise requires, references in this prospectus and the information incorporated by referenced herein to “XTI Aerospace,” the “Company,” “we,” “us,” “our” and similar terms refer collectively to XTI Aerospace, Inc. and our subsidiaries, Inpixon GmbH, Inpixon Holding UK Limited, IntraNav GmbH, and prior to the closing of the XTI Merger, Merger Sub, and after the closing of the XTI Merger, Legacy XTI.

Note Regarding Reverse Stock Splits

We effected a reverse stock split of our outstanding common stock at a ratio of 1-for-100, effective as of March 12, 2024, for the purpose of complying with Nasdaq Listing Rule 5550(a)(2) and satisfying the bid price requirements applicable for initial listing applications in connection with the closing of the XTI Merger. We also effected a reverse stock split of our outstanding common stock at a ratio of 1-for-250, effective as of January 10, 2025, for the purpose of complying with Nasdaq Listing Rule 5550(a)(2). We have reflected the reverse stock splits herein, unless otherwise indicated.

PROSPECTUS SUMMARY

The following summary highlights information contained or incorporated by reference elsewhere in this prospectus and does not contain all of the information that you should consider in making your investment decision. Before investing in our common stock, you should carefully read this entire prospectus, including our consolidated financial statements and the related notes and other documents incorporated by reference herein, as well as the information under the caption “Risk Factors” herein and under similar headings in the other documents that are incorporated by reference in this prospectus including documents that are filed after the date hereof. Some of the statements in this prospectus constitute forward-looking statements that involve risks and uncertainties. See “Cautionary Note Regarding Forward-Looking Statements.” Our actual results could differ materially from those anticipated in such forward-looking statements as a result of certain factors, including those discussed in the “Risk Factors” and other sections included or incorporated by reference herein.

Overview

We are primarily an aircraft development company. We also provide real-time location systems (“RTLS”) for the industrial sector.

Headquartered in Englewood, Colorado, the Company is developing a vertical takeoff and landing (“VTOL”) airplane that is designed to take off and land like a helicopter and cruise like a fixed-wing business airplane. We believe our initial configuration, the TriFan 600 airplane, will be one of the first civilian fixed-wing VTOL airplanes that offers the speed and comfort of a business airplane and the range and versatility of VTOL for a wide range of customer applications, including private aviation for business and high net worth individuals, emergency medical services and regional charter air travel, defining a new category of VTOL that we term the “xVTOL.” The TriFan 600 is a seven-occupant airplane intended to provide point-to-point air travel over distances of over 1,000 miles, fly at twice the speed and three times the range of competing helicopters and cruise at altitudes of up to 25,000 feet. Since 2013, we have been engaged primarily in developing the aerodynamic performance and top-level engineering design of the TriFan 600, building and testing a two-thirds scale unmanned version of the TriFan 600, generating pre-orders for the TriFan 600, and seeking funds from investors to enable the Company to advance the detailed design and certification of the TriFan 600, and to eventually engage in commercial production and sale of the TriFan 600.

We continue to work to optimize our airplane design for both manufacturing and certification. The development of an xVTOL airplane that meets our business requirements demands significant design and development efforts on all facets of the airplane. We believe that by bringing together a mix of talent with VTOL and traditional commercial aerospace backgrounds, we have built a team that enables us to move through the design, development, and certification of our xVTOL airplane with the Federal Aviation Administration (“FAA”) in an efficient manner, thus allowing us to achieve our end goal of bringing to market our airplane as efficiently as possible.

To date, we have not generated any revenue from aircraft sales because we are still designing and developing our xVTOL airplane. Additionally, we are seeking the necessary governmental approvals to bring the airplane into service. To continue funding these efforts, we will need to raise capital for the foreseeable future. The amount and timing of our future capital needs will depend on various factors, including the progress and results of our airplane’s design and development, our manufacturing operations, and our success in obtaining the required FAA certifications and other government approvals. For instance, any significant delays in securing FAA certifications or other government approvals may force us to raise more capital and could postpone our ability to generate revenue from aircraft sales.

Our RTLS solutions leverage cutting-edge technologies such as IoT, AI, and big data analytics to provide real-time tracking and monitoring of assets, machines, and people within industrial environments. With our RTLS solutions, businesses can achieve improved operational efficiency, enhanced safety and reduced costs. By having real-time visibility into operations, industrial organizations can make informed, data-driven decisions, minimize downtime, and ensure compliance with industry regulations.

We report financial results for two segments: Commercial Aviation and Industrial IoT. For Industrial IoT, we generate revenue from sales of hardware, software licenses and professional services. During the quarter ended December 31, 2024, we began exploring strategic options to wind down and/or sell the hardware portions of our Industrial IoT business segment in order to shift its focus towards the sales of software products. For Commercial Aviation, the segment is pre-revenue as we are currently developing the TriFan 600 airplane.

Corporate Strategy Update

Our primary focus is to power what we term the “vertical economy” by delivering high-performance xVTOL solutions that scale from aircraft to innovative technologies and infrastructure. We identify seven areas that comprise the vertical economy: manned aircraft, unmanned aircraft, power technology, airspace and infrastructure management, artificial intelligence, aircraft advanced materials and next gen manufacturing. The term “xVTOL” is intended to encompass the broad spectrum of vertical lift technologies within the vertical economy, including various aircraft types (e.g., electric VTOL, regional VTOL and drones), operational models (manned and unmanned), supporting technologies (e.g., propulsion systems and aerospace-related artificial intelligence technologies) and customer applications. With the TriFan 600 as our flagship commercial aviation product, we are laying the groundwork for an innovative family of versatile aircraft and solutions addressing passenger travel, logistics, autonomous operations and defense missions that we believe will unlock significant growth and market leadership.

Expanding into autonomous, remotely operated drones is key to our strategic focus. By combining drone technology with VTOL innovation, we believe we are positioning the Company to accelerate the development of both unmanned aerial vehicles (“UAV”) and VTOL solutions, expand its market presence, and create new revenue-generating opportunities across multiple industries. We will also be opportunistic and may consider other strategic transactions, which may include, but not be limited to, other alternative investment opportunities, such as minority investments and joint ventures. If we make any acquisitions in the future, we expect that we may pay for such acquisitions with cash, equity securities and/or debt in combinations appropriate for each acquisition.

Recent Events

January 2025 Registered Direct Offering

On January 7, 2025, we entered into a placement agency agreement with ThinkEquity LLC (“ThinkEquity”), pursuant to which we sold directly to various investors, in a best efforts public offering (the “January 2025 Offering”), an aggregate of 1,454,546 shares of common stock at an offering price of \$13.75 per share. The January 2025 Offering closed on January 10, 2025, resulting in net proceeds to the Company, after deducting commissions and expenses, of approximately \$18.3 million. As part of its compensation for acting as placement agent for the January 2025 Offering, we issued to ThinkEquity placement agent warrants to purchase an aggregate of 72,727 shares of common stock. The placement agent warrants were exercisable commencing January 10, 2025, expire January 8, 2030 and have an exercise price of \$17.1875 per share.

March 2025 Underwritten Offering and Debt Repayment

On March 28, 2025, the Company entered into an underwriting agreement with ThinkEquity, as the representative of the underwriters named therein, pursuant to which we sold, in an underwritten offering (the “March 2025 Offering”) 765,200 shares of common stock, pre-funded warrants to purchase up to 2,176,000 shares of common stock, and common warrants to purchase up to 2,941,200 shares of common stock. The combined public offering price for each share of common stock, together with one common warrant, was \$1.36. The combined public offering price for each pre-funded warrant, together with one common warrant, was \$1.359. Each share of common stock, or a pre-funded warrant in lieu thereof, was sold together with one common warrant. The March 2025 Offering closed on March 31, 2025, resulting in net proceeds to the Company, after deducting commissions and expenses, of approximately \$3.4 million. The Company used approximately \$2.7 million of the net proceeds from the March 2025 Offering to repay in full all amounts outstanding, including a 115% prepayment penalty, in respect of two secured promissory notes issued by the Company to Streeterville Capital, LLC (“Streeterville”) on May 1, 2024 and May 24, 2024.

The pre-funded warrants were immediately exercisable upon issuance, have an exercise price of \$0.001 per share and may be exercised at any time until all of the pre-funded warrants are exercised in full. The common warrants were immediately exercisable upon issuance, have an exercise price of \$1.36 per share, and expire on the fifth anniversary of the date of issuance.

As part of its compensation for serving as representative in connection with the March 2025 Offering, we issued ThinkEquity representative warrants to purchase up to 147,060 shares of common stock. The representative warrants were immediately exercisable upon issuance, have an exercise price of \$1.70 per share and expire on March 28, 2030.

Settlement Agreement

On March 27, 2025, the Company entered into a settlement agreement with 3AM Investments LLC, an entity controlled by Nadir Ali (“Ali”), the Company’s former Chief Executive Officer and a former director of the Company (“3AM”), Grafiti Group LLC (“Grafiti Group”) and Ali (the “Settlement Agreement”). As a result of the Settlement Agreement, among other things, that certain Consulting Agreement, dated March 12, 2024 by and between the Company and Ali (the “Ali Consulting Agreement”) was terminated, the Company made certain payments to Ali and other former executives of the Company, and the Company has an outstanding advisory fee obligation to Ali of \$1.5 million (the “Deferred Amount”), which is due in \$500,000 installments on June 30, 2025, September 30, 2025 and December 31, 2025.

Balance Sheet Improvement

The net proceeds from the public offerings completed during the quarter ended March 31, 2025 allowed the Company to strengthen its balance sheet during the quarter ended March 31, 2025 by increasing its cash position by approximately \$3.9 million while repaying in full the outstanding secured promissory notes held by Streeterville and significantly reducing other liabilities including the accounts payable and obligations either inherited from Legacy Inpixon or triggered by the closing of the XTI Merger on March 12, 2024. In addition, the Company redeemed the remaining outstanding shares of Series 9 Preferred Stock, leaving zero shares of Series 9 Preferred Stock issued and outstanding as of March 31, 2025. The Series 9 Preferred Stock had restricted the Company’s ability to raise capital, as the Company was prohibited from taking certain actions without prior written consent from the holders of the Series 9 Preferred Stock.

TriFan 600 Engineering Update

Below are some of the key TriFan 600 development milestones that the Company has achieved year to date:

- Optimization of the fuel system design of the airplane which increased the wing fuel volume from approximately 300 gallons to 400 gallons, improving maximum range and mission length.
- Improving the air intake and exhaust design to enhance performance and efficiency of the airplane’s propulsion system.
- Completed the downwash / outwash study allowing us to understand the airflows generated by the airplane during vertical takeoff and landing in order to evaluate safety and performance.
- Launched a prototyping and innovation lab within The HIVE in Grand Forks, North Dakota. This lab is designed to accelerate the development of the TriFan 600, initially focused on advancing the subscale model, code-named “Sparrow,” and progress toward the construction of a more advanced model, “Kestrel,” which will be crucial in enhancing key elements such as flight control systems and aerodynamics.
- Selected key supplier-partners, including Triumph Gear Systems, Inc., for the design, development and manufacture of the drivetrain system for the TriFan 600, with their engagement subject to the parties’ execution of definitive agreements.

In addition, the FAA accepted the Company’s type certification application for the TriFan 600 on March 17, 2025.

Corporate Information

We were originally formed in the State of Nevada in April 1999. We have two direct, wholly-owned operating subsidiaries: XTI Aircraft Company, based in Englewood, Colorado (at our corporate headquarters), and Inpixon GmbH (previously Nanotron Technologies GmbH), based in Berlin, Germany. IntraNav GmbH, based in Eschborn, Germany, is an indirect subsidiary of the Company and the wholly-owned subsidiary of Inpixon GmbH.

Our principal executive offices are located at Centennial Airport at 8123 InterPort Blvd., Suite C, Englewood, Colorado 80112. We also sublease office space in Palo Alto, California. Two of our subsidiaries, Inpixon GmbH and IntraNav GmbH, maintain offices in Berlin Germany, and Eschborn, Germany, respectively.

Our telephone number is (800) 680-7412. Our corporate website is www.xtiaerospace.com. The information contained on our website is not incorporated by reference into this prospectus, and you should not consider any information contained on, or that can be accessed through, our website as part of this prospectus in deciding whether to purchase our securities.

THE OFFERING

Shares of common stock being offered

3,960,396 shares of common stock (or 4,554,455 shares of common stock if the representative exercises its option to purchase additional shares in full) based on an assumed public offering price of \$5.05 per share (which is the last reported sale price of our common stock on Nasdaq on June 11, 2025).

Pre-funded Warrants being offered

We are also offering up to 3,960,396 Pre-funded Warrants to purchase up to 3,960,396 shares of common stock (or 4,554,455 Pre-funded Warrants to purchase up to 4,554,455 shares of common stock if the representative exercises its option to purchase additional Pre-funded Warrants in full) in lieu of shares of common stock to any purchaser whose purchase of shares of common stock in this Offering would otherwise result in such purchaser, together with its affiliates and certain related parties, beneficially owning more than 4.99% (or, at the purchaser's election, 9.99%) of our outstanding shares of common stock immediately following the consummation of this Offering. The purchase price of each Pre-funded Warrant is equal to the price at which each share of common stock is being sold to the public in this Offering, minus \$0.001. Each Pre-funded Warrant will be exercisable for one share of common stock, will have an exercise price of \$0.001 per share, will be immediately exercisable, and will not expire prior to exercise. This prospectus also relates to the offering of the shares of common stock issuable upon exercise of the Pre-funded Warrants. For each Pre-funded Warrant that we sell, the number of shares of common stock that we are selling in the Offering will be decreased on a one-for-one basis. For additional information regarding the terms of the Pre-funded Warrants, see "Description of Securities."

Number of shares of common stock outstanding immediately before this Offering

8,189,540 issued and outstanding as of June 11, 2025.

Number of shares of common stock to be outstanding after this Offering⁽¹⁾

12,149,936 shares (or 12,743,995 shares if the representative exercises its option to purchase additional shares in full) based on an assumed public offering price of \$5.05 per share (which is the last reported sale price of our common stock on Nasdaq on June 11, 2025) and assumes no sale of Pre-funded Warrants, which, if sold, would reduce the number of shares of common stock that we are offering on a one-for-one basis.

Option to purchase additional shares and Pre-funded Warrants

We have granted a 45-day option to the representative to purchase from us, at the public offering price, less the underwriting discounts and commissions, up to 594,059 additional shares of common stock and/or Pre-funded Warrants solely to cover over-allotments, if any.

Use of proceeds

We expect to receive net proceeds, after deducting the underwriting discounts and commissions and estimated expenses payable by us, of approximately \$18.2 million (or approximately \$21.0 million if the representative exercises its option to purchase additional shares in full).

We currently intend to use the net proceeds from this Offering for working capital and other general corporate purposes, including the development of the TriFan 600 airplane. See "Use of Proceeds."

Trading Our common stock is listed on Nasdaq under the symbol “XTIA.” There is no established public trading market for the Pre-funded Warrants, and we do not expect a market to develop. In addition, we do not intend to apply for a listing of the Pre-funded Warrants on any national securities exchange or other nationally recognized trading system.

Risk Factors Investing in our common stock involves a high degree of risk. See “Risk Factors” beginning on page 8 of this prospectus, and the other information included, or incorporated by reference, in this prospectus for a discussion of factors you should consider carefully before deciding to invest in our securities.

(1) The number of shares of common stock to be outstanding following this Offering is based on 8,189,540 outstanding shares of common stock as of June 11, 2025, and excludes:

- 50,333 shares of common stock issuable upon the exercise of outstanding stock options, at a weighted average exercise price of \$343.59 per share;
- 1,761,115 shares of common stock issuable upon the exercise of outstanding warrants, at a weighted average exercise price of \$15.07 per share;
- 73,900,306 shares of common stock available for future issuance under our 2018 Employee Stock Incentive Plan and any other additional shares of our common stock that may become available under our 2018 Employee Stock Incentive Plan;
- 1 share of common stock issuable upon the conversion of 1 outstanding share of Series 4 Convertible Preferred Stock, at a conversion price of \$418,500,000 per share; and
- 1 share of common stock issuable upon conversion of 126 outstanding shares of Series 5 Convertible Preferred Stock, at a conversion price of \$280,968,750 per share.

Unless otherwise indicated, this prospectus also assumes no sale of Pre-funded Warrants, no exercise of the warrants to be issued to the representative (the “Representative’s Warrants”) and no exercise by the representative of its option to purchase additional shares of our common stock and/or Pre-funded Warrants to cover over-allotments, if any.

SUMMARY FINANCIAL DATA

The following tables set forth summary financial data as of, and for the three months ended, March 31, 2025 and 2024, and as of, and for the years ended, December 31, 2024 and 2023, and should be read together with our consolidated financial statements and the related notes incorporated by reference herein, as well as the section of this prospectus entitled "Risk Factors" appearing elsewhere in this prospectus. The summary financial data in this section is not intended to replace our financial statements and related notes. The summary consolidated financial data as of, and for the three months ended, March 31, 2025 and 2024 are derived from our unaudited condensed consolidated financial statements incorporated by reference into this prospectus. In our opinion, these unaudited condensed consolidated financial statements have been prepared on a basis consistent with our audited financial statements and contain all adjustments, consisting only of normal and recurring adjustments, necessary for a fair presentation of such condensed consolidated financial data. The summary financial data as of, and for the years ended, December 31, 2024 and 2023 are derived from our audited financial statements included incorporated by reference into this prospectus. Our historical results are not necessarily indicative of our future results, and our operating results for the three months ended March 31, 2025 are not necessarily indicative of the results that may be expected for the fiscal year ending December 31, 2025 or any other interim periods or any future year or period.

	Three months ended March 31,		Year ended December 31,	
	2025 (Unaudited)	2024 (Unaudited)	2024	2023
	(in thousands, except number of shares and par value data)		(in thousands, except number of shares and par value data)	
Revenues	\$ 484	\$ 220	\$ 3,202	\$ —
Cost of Revenues	149	79	1,314	—
Gross Profit	335	141	1,888	—
Operating Expenses	10,737	9,018	38,868	7,589
Loss from Operations	(10,402)	(8,877)	(36,980)	(7,589)
Other (Expense) Income	(2,485)	6,279	1,393	(17,477)
Net Loss, before tax	(12,887)	(2,598)	(35,587)	(25,066)
Income tax provision	15	(4)	(16)	—
Net loss	(12,872)	(2,602)	(35,603)	(25,066)
Less: Preferred stock return	(29)	(61)	(606)	—
Less: Deemed dividend	—	—	(772)	—
Net Loss Attributable to Common Stockholders, Basic and Diluted	<u>\$ (12,901)</u>	<u>\$ (2,663)</u>	<u>\$ (36,981)</u>	<u>\$ (25,066)</u>
Net Loss Per Share, Basic and Diluted	\$ (3.80)	\$ (124.05)	\$ (162.78)	\$ (1,576.48)
Weighted Average Shares Outstanding, Basic and Diluted	3,384,736	21,467	227,193	15,900

March 31, 2025
(in thousands, except
number of shares
and par value data)

	Unaudited, Actual	Unaudited, Pro Forma (1)	Unaudited, Pro Forma As Adjusted (2)
Cash and cash equivalents	\$ 8,008	\$ 9,915	\$ 28,083
Total Assets	\$ 27,127	\$ 29,034	\$ 47,202
Total Liabilities	\$ 12,786	\$ 8,692	\$ 8,692
Total Stockholders' Equity	\$ 13,929	\$ 19,930	\$ 38,098

- (1) The pro forma balance sheet data gives effect to the following issuances subsequent to March 31, 2025 through June 11, 2025: (i) the issuance of 1,876,000 shares of common stock for an aggregate of \$1,876 pursuant to the exercise of 1,876,000 pre-funded warrants that were issued in the March 2025 Offering, (ii) the issuance of 1,401,000 shares of common stock for an aggregate of \$1,905,360 pursuant to the exercise of 1,401,000 common warrants that were issued in the March 2025 Offering and (iii) the issuance of 125,000 shares of common stock to ThinkEquity in consideration for financial advisory services pursuant to an advisory agreement dated May 13, 2025.
- (2) The pro forma as adjusted balance sheet data gives effect to the pro forma adjustments and the issuance of 3,960,396 shares of common stock and assumed net proceeds from this Offering.

RISK FACTORS

Investing in our securities is highly speculative and involves a significant degree of risk. You should carefully consider the following risks and uncertainties as well as the risks and uncertainties described in the section entitled “Risk Factors” contained in our Annual Report on Form 10-K for the fiscal year ended December 31, 2024 (the “2024 Form 10-K”), as well as in our subsequent Quarterly and Annual Reports filed with the Securities and Exchange Commission (“SEC”), which filings are incorporated in this prospectus by reference in their entirety. These risk factors could materially and adversely affect our business, results of operations or financial condition. Our business faces significant risks and the risks described below or incorporated by reference herein may not be the only risks we face. Additional risks not presently known to us or that we currently believe are immaterial may materially affect our business, results of operations, or financial condition. If any of these risks occur, the trading price of our common stock could decline and you may lose all or part of your investment.

Risks Related to this Offering, Ownership of our Securities and Our Business

Investors in this Offering will experience immediate and substantial dilution in the book value of their investment.

The public offering price will be substantially higher than the net tangible book value per share of our outstanding shares of common stock. As a result, investors in this Offering will incur immediate dilution of \$3.03 per share based on the assumed public offering price of \$5.05 per share sold in this Offering. Investors in this Offering will pay a price per share of common stock that substantially exceeds the book value of our assets after subtracting our liabilities. See “Dilution” for a more complete description of how the value of your investment will be diluted upon the completion of this Offering. The description in this paragraph assumes no sale of Pre-funded Warrants, which, if sold, would reduce the number of shares of common stock that we are offering on a one-for-one basis.

Our management will have broad discretion over the use of the proceeds we receive in this Offering and might not apply the proceeds in ways that increase the value of your investment.

Our management will have broad discretion over the use of our net proceeds from this Offering, and you will be relying on the judgment of our management regarding the application of these proceeds. Our management might not apply our net proceeds in ways that ultimately increase the value of your investment. We expect to use the net proceeds from this Offering for working capital and other general corporate purposes, including the development of the TriFan 600 airplane. Our management might not be able to yield a significant return, if any, on any investment of these net proceeds. You will not have the opportunity to influence our decisions on how to use our net proceeds from this Offering.

We may seek to raise additional funds or develop strategic relationships by issuing securities that would dilute your ownership. Depending on the terms available to us, if these activities result in significant dilution, it may negatively impact the trading price of our common stock.

Any additional financing that we secure may require the granting of rights, preferences or privileges senior to, or *pari passu* with, those of our common stock. Any issuances by us of equity securities may be at or below the prevailing market price of our common stock and in any event may have a dilutive impact on your ownership interest. The market price of our common stock could decline due to sales, or the announcements of proposed sales, of a large number of common stock in the market, or the perception that these sales could occur. These sales or the perception that these sales could occur could also depress the market price of our common stock and impair our ability to raise capital through the sale of additional equity securities or make it more difficult or impossible for us to sell equity securities in the future at a time and price that we deem appropriate.

We may issue debt and equity securities or securities convertible into equity securities, any of which may be senior to our common stock as to distributions and in liquidation, which could negatively affect the value of our common stock.

In the future, we may attempt to increase our capital resources by entering into debt or debt-like financing that is unsecured or secured by up to all of our assets, or by issuing additional debt or equity securities, which could include issuances of secured or unsecured commercial paper, medium-term notes, senior notes, subordinated notes, guarantees, preferred stock, hybrid securities, or securities convertible into or exchangeable for equity securities. In the event of our liquidation, our lenders and holders of our debt and preferred securities would receive distributions of our available assets before distributions to the holders of our common stock. Because our decision to incur debt and issue securities in future offerings may be influenced by market conditions and other factors beyond our control, we cannot predict or estimate the amount, timing or nature of our future offerings or debt financings. Further, market conditions could require us to accept less favorable terms for the issuance of our securities in the future.

The holders of any securities or instruments we may issue may have rights superior to the rights of our common stockholders. If we experience dilution from the issuance of additional securities and we grant superior rights to new securities over holders of our common stock it may negatively impact the trading price of our common stock and you may lose all or part of your investment.

There is no public market for the Pre-funded Warrants being offered in this Offering.

There is no established public trading market for the Pre-funded Warrants, and we do not expect a market to develop. In addition, we do not intend to apply to list the Pre-funded Warrants on any national securities exchange or other nationally recognized trading system. Without an active market, the liquidity of the Pre-funded Warrants will be limited.

Holders of the Pre-funded Warrants will have no rights as a common stockholder until they acquire our common stock, except as otherwise set forth therein.

Until holders of the Pre-funded Warrants acquire shares of our common stock upon exercise of the Pre-funded Warrants, the holders will have no rights with respect to shares of our common stock issuable upon exercise of the Pre-funded Warrants, except as otherwise set forth in the Pre-funded Warrants. Upon exercise of the Pre-funded Warrants, the holder will be entitled to exercise the rights of a common stockholder as to the security exercised only as to matters for which the record date occurs after the exercise.

The Pre-funded Warrants are speculative in nature.

Holders of the Pre-funded Warrants may acquire shares of our common stock issuable upon exercise of such Pre-funded Warrants at an exercise price of \$0.001 per share. There can be no assurance that the market value of the Pre-funded Warrants will equal or exceed their public offering price.

We will not receive any meaningful amount of additional funds upon the exercise of the Pre-funded Warrants.

Each Pre-funded Warrant will be exercisable until it is fully exercised and by means of payment of the nominal cash purchase price upon exercise or through a “cashless exercise” procedure. Accordingly, we will not receive any meaningful additional funds upon the exercise of the Pre-funded Warrants.

A possible “short squeeze” due to a sudden increase in demand of our common stock that largely exceeds supply may lead to price volatility in our common stock.

Following this Offering, investors may purchase shares of our common stock to hedge existing exposure in our common stock or to speculate on the price of our common stock. Speculation on the price of our common stock may involve long and short exposures. To the extent aggregate short exposure exceeds the number of shares of our common stock available for purchase in the open market, investors with short exposure may have to pay a premium to repurchase our common stock for delivery to lenders of our common stock. Those repurchases may in turn dramatically increase the price of our common stock until investors with short exposure are able to purchase additional shares of common stock to cover their short position. This is often referred to as a “short squeeze.” A short squeeze could lead to volatile price movements in our common stock that are not directly correlated to our performance or prospects and once investors purchase the shares of common stock necessary to cover their short position the price of our common stock may decline.

This Offering may cause the trading price of our common stock to decrease.

The number of shares of common stock and/or Pre-funded Warrants and the underlying shares of common stock we propose to issue and ultimately will issue if this Offering is completed, may result in an immediate decrease in the trading price of our common stock. This decrease may continue after the completion of this Offering. We cannot predict the effect, if any, that the availability of shares for future sale represented by the Pre-funded Warrants issued in connection with the Offering will have on the trading price of our common stock from time to time.

In making your investment decision, you should understand that we and the underwriters have not authorized any other party to provide you with information concerning us or this Offering.

You should carefully evaluate all of the information in this prospectus before investing in our securities. We may receive media coverage regarding our business, including coverage that is not directly attributable to statements made by our officers, that incorrectly reports on statements made by our officers or employees, or that is misleading as a result of omitting information provided by us, our officers or employees. We and the underwriters have not authorized any other party to provide you with information concerning us or this Offering, and you should not rely on unauthorized information in making an investment decision.

Our failure to maintain compliance with the continued listing requirements of the Nasdaq Capital Market may result in our common stock being delisted from the Nasdaq Capital Market, which could negatively impact the price of our common stock, liquidity, our ability to access the capital markets and our stockholders' ability to sell their shares.

Our common stock is currently listed on Nasdaq under the symbol "XTIA." The listing standards of Nasdaq provide that a company, in order to qualify for continued listing, must maintain a minimum stock price of \$1.00 and satisfy standards relative to minimum stockholders' equity, minimum market value of publicly held shares and various additional requirements. While our common stock is currently listed on Nasdaq, we can give no assurance that we will be able to maintain compliance with the continued listing requirements for Nasdaq. If we fail to maintain compliance with any such continued listing requirement, there can also be no assurance that we will be able to regain compliance with any such continued listing requirement in the future or that our common stock will not be delisted in the future. If Nasdaq delists our securities from trading on its exchange for failure to meet the listing standards, we and our stockholders could face significant negative consequences including:

- limited availability of market quotations for our securities;
- a determination that the common stock is a "penny stock" which would require brokers trading in the common stock to adhere to more stringent rules, possibly resulting in a reduced level of trading activity in the secondary trading market for shares of common stock;
- a limited amount of analyst coverage, if any; and
- a decreased ability to issue additional securities or obtain additional financing in the future.

Delisting from Nasdaq could also result in other negative consequences, including the potential loss of confidence by suppliers, customers and employees, the loss of institutional investor interest and fewer business development opportunities.

If our shares of common stock lose their status on Nasdaq, we believe that they would likely be eligible to be quoted on the inter-dealer electronic quotation and trading system operated by OTC Markets Group Inc., commonly referred to as the Pink Open Market and we may also qualify to be traded on their OTCQB market, also called The Venture Market. These markets are generally not considered to be as efficient as, and not as broad as, Nasdaq. Selling our shares on these markets could be more difficult because smaller quantities of shares would likely be bought and sold, and transactions could be delayed. In addition, in the event our shares are delisted, broker-dealers have certain regulatory burdens imposed upon them, which may discourage broker-dealers from effecting transactions in our common stock or even holding our common stock, further limiting the liquidity of our common stock. These factors could result in lower prices and larger spreads in the bid and ask prices for our common stock.

If our common stock becomes subject to the penny stock rules, it would become more difficult to trade our shares.

The SEC has adopted rules that regulate broker-dealer practices in connection with transactions in penny stocks. Penny stocks are generally equity securities with a price of less than \$5.00, other than securities registered on certain national securities exchanges or authorized for quotation on certain automated quotation systems, provided that current price and volume information with respect to transactions in such securities is provided by the exchange or system. If we do not retain a listing on the Nasdaq Capital Market, and if the price of our common stock is less than \$5.00, our common stock will be deemed a penny stock. The penny stock rules require a broker-dealer, before a transaction in a penny stock not otherwise exempt from those rules, to deliver a standardized risk disclosure document containing specified information. In addition, the penny stock rules require that before effecting any transaction in a penny stock not otherwise exempt from those rules, a broker-dealer must make a special written determination that the penny stock is a suitable investment for the purchaser and receive (i) the purchaser's written acknowledgment of the receipt of a risk disclosure statement; (ii) a written agreement to transactions involving penny stocks; and (iii) a signed and dated copy of a written suitability statement. These disclosure requirements may have the effect of reducing the trading activity in the secondary market for our common stock, and therefore stockholders may have difficulty selling their shares.

Adverse judgments or settlements in legal proceedings could materially harm our business, financial condition, operating results and cash flows.

We may be a party to claims that arise from time to time in the ordinary course of our business, which may include those related to, for example, our securities offerings, contracts, sub-contracts, protection of confidential information or trade secrets, adversary proceedings arising from customer bankruptcies, employment of our workforce and immigration requirements or compliance with any of a wide array of state and federal statutes, rules and regulations that pertain to different aspects of our business.

Additionally, we are and we may be made a party to future claims relating to the XTI Merger. On December 6, 2023, Xeriant, Inc. ("Xeriant") filed a complaint against Legacy XTI, along with two unnamed companies and five unnamed persons, in the United States District Court for the Southern District of New York (the "Court"). On January 31, 2024, Xeriant filed an amended complaint, which added us as a defendant. On February 2, 2024, the Court ordered Xeriant to show cause as to why the amended complaint should not be dismissed without prejudice for lack of subject matter jurisdiction. On February 29, 2024, Xeriant filed a second amended complaint, which removed us and one of the unnamed companies as defendants. The second amended complaint alleges that Legacy XTI, through multiple breaches and fraudulent actions, has caused substantial harm to Xeriant and has prevented it from obtaining compensation owed to it under various agreements entered into between Xeriant and Legacy XTI, including but not limited to a joint venture agreement dated May 31, 2021 (the "Joint Venture Agreement"), a cross-patent license agreement, an operating agreement, and a letter dated May 17, 2022 (the "May 17 letter") arising from Xeriant's introducing Legacy XTI to a Nasdaq listed company as a potential acquirer of Legacy XTI. In particular, Xeriant contends that Legacy XTI gained substantial advantages from the intellectual property, expertise and capital deployed by Xeriant in the design and development of Legacy XTI's TriFan 600 airplane yet has excluded Xeriant from the transaction involving the TriFan 600 technology in its merger with us, which has resulted in a breach of the May 17 letter, in addition to the other aforementioned agreements. Xeriant, in the second amended complaint, asserts the following causes of action: (1) breach of contract; (2) intentional fraud; (3) fraudulent concealment; (4) quantum meruit; (5) unjust enrichment; (6) unfair competition/deceptive business practices; and (7) misappropriation of confidential information, and seeks damages in excess of \$500 million, injunctive relief enjoining us from engaging in any further misconduct, the imposition of a royalty obligation, and such other relief as deemed appropriate by the Court. On March 13, 2024, Legacy XTI moved for partial dismissal of the second amended complaint. On January 14, 2025, the Court denied Legacy XTI's motion to dismiss the complaint. On January 28, 2025, Legacy XTI filed an answer to the second amended complaint. On February 18, 2025, Legacy XTI filed an amended answer and counterclaims against Xeriant. On March 18, 2025, Xeriant moved for dismissal of Legacy XTI's counterclaims. On April 14, 2025, Legacy XTI filed a second amended answer and amended counterclaims against Xeriant. The amended counterclaims assert that: (1) Xeriant breached the Joint Venture Agreement by failing to make nearly \$4.6 million in required capital contributions, as well as failing to provide promised strategic support and intellectual property; (2) Xeriant breached its fiduciary duty to Legacy XTI by engaging in coercive and self-dealing conduct—most notably, by conditioning a strategic introduction to a potential merger partner on Legacy XTI's agreement to issue Xeriant equity and assume its debt; and (3) Legacy XTI is entitled to a declaratory judgment confirming that the joint venture has terminated, that all intellectual property developed through the joint venture belongs exclusively to Legacy XTI, and that Xeriant has no further rights in the TriFan 600 technology or related assets. On April 28, 2025, Xeriant moved for dismissal of Legacy XTI's amended counterclaims, and Legacy XTI has opposed that motion. On May 27, 2025, Xeriant filed a renewed motion to stay discovery, which the Court denied on May 29, 2025. The case is in its early stages of discovery, and we are unable to estimate the likelihood or magnitude of a potential adverse judgment. Legacy XTI nevertheless denies the allegations of wrongdoing contained in the second amended complaint and is vigorously defending against the lawsuit.

In connection with the litigation matter described in the immediately preceding paragraph, on June 12, 2024, we received a letter from counsel for Auctus Fund, LLC (“Auctus”), dated April 3, 2024, claiming that, pursuant to the above-referenced May 17 letter by and between Xeriant and Legacy XTI, as a result of the XTI Merger and Legacy XTI’s entry into a promissory note agreement with Legacy Inpixon in March 2023, XTI Aerospace and Legacy XTI may have assumed Xeriant’s obligations under that certain senior secured promissory note in the principal amount of \$6,050,000 issued by Xeriant to Auctus (the “Senior Secured Promissory Note”), including the obligation to repay Auctus all principal and accrued and unpaid interest thereunder, which Auctus claims was \$8,435,008.81 as of April 3, 2024. In July 2024, Legacy XTI responded to such letter and indicated that it believes that the May 17 letter is invalid and unenforceable on several bases. It further explained that even if it were valid and enforceable, Legacy XTI does not believe such letter resulted in, or otherwise triggered, the assumption of obligations of Xeriant under the Senior Secured Promissory Note or any other obligation on the part of Legacy XTI. On May 13, 2025, Auctus filed a lawsuit against Legacy XTI in the District Court of Arapahoe County, Colorado, asserting claims consistent with the position it had previously set forth in its April 3, 2024 letter, which Legacy XTI disputed in its July 2024 response. In its complaint, Auctus alleges that it loaned Xeriant over \$5 million under the Senior Secured Promissory Note due in October 2022, and that Xeriant used the proceeds to fund a joint venture with Legacy XTI to develop aircraft technology. Auctus further claims that the May 17 letter obligated Legacy XTI to assume this debt if it entered into a transaction with Legacy Inpixon, and asserts that Legacy XTI did so by obtaining a loan from Legacy Inpixon in March 2023 and subsequently merging with Legacy Inpixon in March 2024. Based on these allegations, Auctus asserts a single count for breach of contract and contends that Legacy XTI is contractually obligated to pay nearly \$9 million representing the outstanding principal and accrued interest on the Senior Secured Promissory Note. Legacy XTI denies Auctus’s claims, and, among other defenses, Legacy XTI disputes the enforceability of the May 17 letter and maintains that even if the May 17 letter were enforceable, it did not result in or trigger any assumption by Legacy XTI of Xeriant’s obligations under the Senior Secured Promissory Note or any related obligation. Legacy XTI also disputes that Xeriant had the contractual right to assign its obligations under the Senior Secured Promissory Note to Legacy XTI or that any assignment complied with the terms of the Senior Secured Promissory Note and underlying agreements, among other issues. Legacy XTI intends to vigorously defend against the lawsuit.

On or about August 1, 2024, Chardan Capital Markets LLC (“Chardan”) commenced an arbitration (the “Arbitration”) before FINRA against the Company and its subsidiary, XTI Aircraft Company (“Aircraft”). Aircraft and Chardan are parties to an engagement letter agreement (the “Agreement”). In the Arbitration, Chardan originally alleged that the Company was bound by the Agreement even though it did not sign the Agreement, which the Company denied. Chardan further alleged that Aircraft and the Company breached the Agreement by not making separate payments to Chardan of \$200,000, \$94,511, \$484,044.40 and \$174,000. Chardan also sought to recover unspecified amounts relating to an alleged right of first refusal to perform banking services (the “ROFR”) that the Company supposedly did not honor, including with respect to an At-The-Market securities offering that was underwritten by The Maxim Group LLC (the “ATM”). The Company filed a petition in the U.S. District Court for the Southern District of New York (the “Court”) seeking to stay the Arbitration to the extent that it was asserted against the Company. On or about January 21, 2025, the Court entered a final judgment that: (a) enjoins Chardan from prosecuting the Arbitration against the Company; and (b) declares that the Company has no contractual or other duty to arbitrate with Chardan.

On April 30, 2025, Chardan amended its Statement of Claim in the Arbitration. The Amended Statement of Claim (“ASOC”) is asserted solely against Aircraft. Thus, the Company no longer is a respondent in the Arbitration. Through the ASOC, Chardan now asserts claims against Aircraft for breach of contract and unjust enrichment. It seeks to recover: (a) a \$200,000 cash payment that Aircraft supposedly was required to, but did not, make; (b) approximately \$134,000 in damages, for supposedly issuing 189,037 shares of the Company’s common stock to Chardan on March 19, 2024 instead of 208,113 shares; and (c) all payments supposedly due to Chardan under the ROFR, which Chardan states continue to accumulate. According to Chardan, amounts due under the ROFR include 30% of any banking fees paid with respect to at least the following acts of the Company: (i) the entry into an Exchange Agreement, pursuant to which Streeterville exchanged the remaining balance of principal and accrued interest under that certain promissory note issued by the Company to Streeterville on December 30, 2022 in the aggregate amount \$9,801,521 for 9,801.521 shares of the Company’s Series 9 Preferred Stock; (ii) the entry into an Equity Distribution Agreement with Maxim that increased the value of stock that could be sold under the Company’s ATM from \$48,000,000 to \$83,800,000; (iii) the January 10, 2025 capital raise that used the services of ThinkEquity LLC; and (d) the February 13, 2025 entry into an Exchange Agreement with Streeterville, wherein an outstanding secured promissory note issued on May 1, 2024 (the “May 2024 Note”) in the principal amount of \$250,000.00 held by Streeterville was partitioned into a new secured promissory note (the “February 2025 Note”) in the same form and amount as the May 2024 Note, with the Company and Streeterville subsequently agreeing to exchange the February 2025 Note for 59,832 shares of Company common stock with an effective price of \$4.21 per share. Aircraft has not yet responded to the ASOC. Aircraft has indicated to the Company that Aircraft intends to defend against the ASOC vigorously.

Regardless of the merits of any particular claim, responding to such actions could divert time, resources and management’s attention away from our business operations, and we may incur significant expenses in defending these lawsuits or other similar lawsuits. The results of litigation and other legal proceedings are inherently uncertain, and adverse judgments or settlements in some of these legal disputes may result in adverse monetary damages, penalties or injunctive relief against us, which could have a material adverse effect on our financial condition, operating results and cash flows. Any claims or litigation, even if fully indemnified or insured, could damage our reputation and make it more difficult to compete effectively or to obtain adequate insurance in the future.

Furthermore, while we maintain insurance for certain potential liabilities, such insurance does not cover all types and amounts of potential liabilities and is subject to various exclusions as well as deductibles and caps on amounts of coverage. Even if we believe a claim is covered by insurance, insurers may dispute our entitlement to coverage for a variety of potential reasons, which may affect the timing and, if the insurers prevail, the amount of our available insurance coverage for a particular claim.

We may also be required to initiate expensive litigation or other proceedings to protect our business interests. There is a risk that we will not be successful or otherwise be able to satisfactorily resolve such claims or litigation. Litigation and other legal claims are subject to inherent uncertainties. Those uncertainties include, but are not limited to, litigation costs and attorneys’ fees, unpredictable judicial or jury decisions and the differing laws and judicial proclivities regarding damage awards among the states in which we operate. Unexpected outcomes in such legal proceedings, or changes in management’s evaluation or predictions of the likely outcomes of such proceedings, could have a material adverse effect on our business, financial condition, results of operations and cash flows. Our current financial status may increase our default and litigation risks and may make us more financially vulnerable in the face of threatened litigation.

CAUTIONARY NOTE REGARDING FORWARD-LOOKING STATEMENTS

This prospectus, and the documents incorporated by reference herein, may contain forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, as amended (the “Securities Act”), and Section 21E of the Securities Exchange Act of 1934, as amended (the “Exchange Act”). All statements other than statements of historical facts contained in this prospectus, including statements regarding our future results of operations and financial position, business strategy and plans and our objectives for future operations, are forward-looking statements. The words “believe,” “expect,” “may,” “will,” “should,” “could,” “would,” “seek,” “intend,” “plan,” “goal,” “project,” “estimate,” “anticipate,” “strategy,” “future,” “likely,” and similar expressions are intended to identify forward-looking statements.

We caution you that the foregoing list may not contain all of the forward-looking statements made in this prospectus. We have based these forward-looking statements largely on our current expectations about future events and financial trends that we believe may affect our financial condition, results of operations, business strategy, short term and long-term business operations and objectives, and financial needs. These forward-looking statements are subject to a number of risks, uncertainties and assumptions, including those described in “Risk Factors” beginning on page 8 of this prospectus. Moreover, we operate in a very competitive and rapidly changing environment. New risks emerge from time to time. It is not possible for our management to predict all risks, nor can we assess the impact of all factors on our business or the extent to which any factor, or combination of factors, may cause actual results to differ materially from those contained in any forward-looking statements we may make. In light of these risks, uncertainties and assumptions, the forward-looking events and circumstances discussed in this prospectus may not occur and actual results could differ materially and adversely from those anticipated or implied in the forward-looking statements.

You should not rely upon forward-looking statements as predictions of future events. Although we believe that the expectations reflected in the forward-looking statements are reasonable, we cannot guarantee that the future results, levels of activity, performance or events and circumstances reflected in the forward-looking statements will be achieved or occur. We undertake no obligation to update publicly any forward-looking statements for any reason after the date of this prospectus to conform these statements to actual results or to changes in our expectations. Our forward-looking statements do not reflect the potential impact of any future acquisitions, merger, dispositions, joint ventures, spinouts or investments we may undertake. We qualify all of our forward-looking statements by these cautionary statements.

You should read this prospectus and the documents that we reference in this prospectus and have filed with the SEC as exhibits to the registration statement of which this prospectus is a part with the understanding that our actual future results, levels of activity, performance and events and circumstances may be materially different from what we expect.

USE OF PROCEEDS

We estimate that the net proceeds we will receive from the sale of securities in this Offering, after deducting underwriting discounts and commissions and estimated expenses payable by us, will be approximately \$18.2 million (or \$21.0 million if the representative exercises its option to purchase additional shares in full), assuming no sale of Pre-funded Warrants.

We currently expect to use the net proceeds from this Offering for working capital and other general corporate purposes, including the development of the TriFan 600 airplane. As of the date of this prospectus, we cannot specify with certainty all of the particular uses for the net proceeds from this Offering and our management will have discretion and flexibility in applying the net proceeds of this Offering. An investor will not have the opportunity to evaluate the economic, financial or other information on which we base our decisions on how to use the proceeds. We may use the proceeds of this Offering for purposes with which you do not agree. Moreover, our management may use the net proceeds for corporate purposes that may not result in our being profitable or increase our market value.

A \$1.00 increase (decrease) in the assumed public offering price of \$5.05 per share would increase (decrease) the net proceeds to us from this Offering by approximately \$3.7 million, assuming the number of shares of common stock offered by us, as set forth on the cover of this prospectus, remains the same and assuming no sale of Pre-funded Warrants and, after deducting underwriting discounts and commissions and estimated expenses payable by us. An increase (decrease) of 1,000,000 in the number of shares of common stock offered by us in this Offering, would increase (decrease) the net proceeds to us from this Offering by approximately \$4.7 million, assuming the public offering price of \$5.05 per share remains the same and assuming no sale of Pre-funded Warrants and, after deducting underwriting discounts and commissions and estimated expenses payable by us. The information above is illustrative only and will change based on the actual public offering price and other terms of this Offering determined at pricing.

CAPITALIZATION

The following table sets forth our capitalization as of March 31, 2025 as follows:

- on an actual basis;
- on a pro forma basis to reflect the following issuances subsequent to March 31, 2025 through June 11, 2025: (i) the issuance of 1,876,000 shares of common stock for an aggregate of \$1,876 pursuant to the exercise of 1,876,000 pre-funded warrants that were issued in the March 2025 Offering, (ii) the issuance of 1,401,000 shares of common stock for an aggregate of \$1,905,360 pursuant to the exercise of 1,401,000 common warrants that were issued in the March 2025 Offering and (iii) the issuance of 125,000 shares of common stock to ThinkEquity in consideration for financial advisory services pursuant to an advisory agreement dated May 13, 2025; and
- on a pro forma as adjusted basis to reflect the pro forma adjustments and the issuance and sale by us of 3,960,396 shares in this Offering at the assumed public offering price of \$5.05 per share (which is the last reported sale price of our common stock on Nasdaq on June 11, 2025) and assuming no exercise of the representative's over-allotment option and no sale of Pre-funded Warrants, after deducting estimated underwriting discounts and commissions and estimated offering expenses payable by us.

The information below is illustrative only. Our capitalization following the closing of this Offering will change based on the actual public offering price and other terms of this Offering determined at pricing. You should read this table in conjunction with "Management's Discussion and Analysis of Financial Condition and Results of Operations" included in the 2024 Form 10-K and our Quarterly Report on Form 10-Q for the quarterly period ended March 31, 2025 (the "1Q 2025 Form 10-Q") and the audited consolidated financial statements and related notes and the unaudited condensed consolidated financial statements and related notes included in the 2024 Form 10-K and the 1Q 2025 Form 10-Q, respectively.

	As of March 31, 2025 (in thousands, except number of shares and par value data)		
	Unaudited, Actual	Unaudited, Pro Forma	Unaudited, Pro Forma As Adjusted
Cash and Cash Equivalents	\$ 8,008	\$ 9,915	\$ 28,083
Stockholders' Equity			
Common stock - \$0.001 par value; 500,000,000 shares authorized; 4,787,540 shares outstanding as of March 31, 2025; 8,189,540 shares outstanding on a pro forma basis; 12,149,936 shares outstanding on a pro forma as adjusted basis	5	8	12
Preferred stock - \$0.001 par value; 5,000,000 shares authorized			
Series 4 Convertible Preferred Stock - 10,415 shares authorized; 1, 1 and 1 issued and outstanding, actual, pro forma and pro forma as adjusted	—	—	—
Series 5 Convertible Preferred Stock - 12,000 shares authorized; 126, 126 and 126 issued and outstanding, actual, pro forma and pro forma as adjusted	—	—	—
Additional paid-in capital	120,513	126,755	144,919
Accumulated other comprehensive loss	(155)	(155)	(155)
Accumulated deficit	(106,434)	(106,678)	(106,678)
Total stockholders' equity	13,929	19,930	38,098
Total capitalization	\$ 13,929	\$ 19,930	\$ 38,098

The table above is based on 4,787,540 shares of common stock outstanding as of March 31, 2025; assumes no exercise of the representative's over-allotment option, no sale of Pre-funded Warrants, and no exercise of the Representative's Warrants to be issued in this Offering; and also excludes as of March 31, 2025 the following:

- 50,333 shares of common stock issuable upon the exercise of outstanding stock options, at a weighted average exercise price of \$343.59 per share;
- 5,038,115 shares of common stock issuable upon the exercise of outstanding warrants, at a weighted average exercise price of \$5.65 per share;
- 72,942,798 shares of common stock available for future issuance under our 2018 Employee Stock Incentive Plan and any other additional shares of our common stock that may become available under our 2018 Employee Stock Incentive Plan;
- 1 share of common stock issuable upon the conversion of 1 outstanding share of Series 4 Convertible Preferred Stock, at a conversion price of \$418,500,000 per share; and
- 1 share of common stock issuable upon conversion of 126 outstanding shares of Series 5 Convertible Preferred Stock, at a conversion price of \$280,968,750 per share.

DILUTION

If you invest in our common stock in this Offering, your investment will be immediately and substantially diluted to the extent of the difference between the public offering price per share of our common stock and the pro forma net tangible book value per share of our common stock after giving effect to the Offering.

Our net tangible book value as of March 31, 2025 was approximately \$0.3 million or \$0.07 per share. Net tangible book value per share represents our total tangible assets less total liabilities, divided by the number of shares of our common stock outstanding.

Our pro forma net tangible book value as of March 31, 2025, was approximately \$6.3 million, or \$0.77 per share after taking into account the pro forma adjustments described in “Capitalization.”

Pro forma as adjusted net tangible book value dilution per share of common stock to new investors represents the difference between the amount per share of common stock in the Offering and the pro forma as adjusted net tangible book value per share of common stock immediately after completion of the Offering. After giving further effect to the sale of our common stock in the Offering at an assumed public offering price of \$5.05 per share (and assuming no sale of Pre-funded Warrants), and after deducting the estimated underwriting discounts and commissions and estimated offering expenses payable by us, our pro forma as adjusted net tangible book value as of March 31, 2025, would have been \$24.5 million, or \$2.02 per share. This represents an immediate increase in pro forma as adjusted net tangible book value of \$1.25 per share of common stock to existing stockholders and an immediate dilution in net tangible book value of \$3.03 per share of common stock to investors of the Offering, as illustrated in the following table, based on shares outstanding as of March 31, 2025.

The information below is illustrative only. The dilution caused by this Offering will change based on the actual public offering price and other terms of this Offering determined at pricing. You should read this table in conjunction with “Management’s Discussion and Analysis of Financial Condition and Results of Operations” included in the 2024 Form 10-K and the 1Q 2025 Form 10-Q and the audited consolidated financial statements and related notes and the unaudited condensed consolidated financial statements and related notes included in the 2024 Form 10-K and the 1Q 2025 Form 10-Q, respectively.

Assumed offering price per share		\$	5.05
Net tangible book value per share as of March 31, 2025	\$	0.07	
Increase per share attributable to the pro forma adjustments	\$	0.70	
Pro forma net tangible book value per share as of March 31, 2025		\$	0.77
Increase (decrease) in net tangible book value per share attributable to new investors	\$	1.25	
Pro forma as adjusted net tangible book value per share after this Offering		\$	2.02
Immediate dilution in net tangible book value per share to new investors		\$	3.03

Each \$1.00 increase (decrease) in the assumed public offering price of \$5.05 per share would increase (decrease) the pro forma as adjusted net tangible book value per share after this Offering by \$0.08 per share and the dilution to new investors purchasing shares in this Offering by \$0.92 per share, assuming the number of shares offered by us, as set forth on the cover page of this prospectus, remains the same, and after deducting estimated underwriting discounts and commissions. An increase (decrease) of 1,000,000 shares in the number of shares offered by us, as set forth on the cover page of this prospectus, would increase (decrease) the pro forma as adjusted net tangible book value after this Offering by \$0.20 per share and decrease the dilution to new investors purchasing shares of our common stock in this Offering by \$0.20 per share, assuming no change in the assumed public offering price per share and after deducting estimated underwriting discounts and commissions.

If the underwriters exercise their option to purchase additional shares and/or Pre-funded Warrants in full, the pro forma as adjusted net tangible book value per share after giving effect to the Offering would be \$2.14 per share. This represents an immediate increase in pro forma as adjusted net tangible book value of \$1.37 per share to existing stockholders and immediate dilution of \$2.91 per share to new investors purchasing our common stock in this Offering.

The information discussed above is illustrative only and will adjust based on the actual public offering price, the actual number of shares of common stock that we offer in this Offering, and other terms of this Offering determined at the time of pricing. The foregoing discussion and table assume (i) no issuance of Pre-funded Warrants, which if sold, would reduce the number of shares of common stock that we are offering on a one-for-one basis, (ii) no exercise by the underwriters of their over-allotment option and (iii) no exercise of the Representative's Warrants to be issued in this Offering. In addition, we may choose to raise additional capital due to market conditions or strategic considerations. To the extent that additional capital is raised through the sale of equity or convertible debt securities, the issuance of these securities could result in further dilution to our stockholders.

The number of shares of common stock outstanding set forth in the table above excludes, as of March 31, 2025:

- 50,333 shares of common stock issuable upon the exercise of outstanding stock options, at a weighted average exercise price of \$343.59 per share;
- 5,038,115 shares of common stock issuable upon the exercise of outstanding warrants, at a weighted average exercise price of \$5.65 per share;
- 72,942,798 shares of common stock available for future issuance under our 2018 Employee Stock Incentive Plan and any other additional shares of our common stock that may become available under our 2018 Employee Stock Incentive Plan;
- 1 share of common stock issuable upon the conversion of 1 outstanding share of Series 4 Convertible Preferred Stock, at a conversion price of \$418,500,000 per share; and
- 1 share of common stock issuable upon conversion of 126 outstanding shares of Series 5 Convertible Preferred Stock, at a conversion price of \$280,968,750 per share.

DESCRIPTION OF SECURITIES

The following information describes our authorized capital stock, as well as certain provisions of our organizational documents and Nevada law. This description is only a summary, does not purport to be complete and is qualified in its entirety by reference to our organizational documents, copies of which have been filed or incorporated by reference as exhibits to the registration statement of which this prospectus forms a part.

Common Stock

Under our articles of incorporation, as amended, we are authorized to issue up to 500,000,000 shares of common stock, par value \$0.001 per share. As of June 11, 2025, 8,189,540 shares of common stock were issued and outstanding. Our authorized but unissued shares of common stock are available for issuance without further action by our stockholders, unless such action is required by applicable law or the rules of any stock exchange or automated quotation system on which our securities may be listed or traded.

The holders of our common stock are entitled to one vote per share. In addition, the holders of our common stock will be entitled to receive pro rata dividends, if any, declared by our board of directors out of legally available funds; however, the current policy of our board of directors is to retain earnings, if any, for operations and growth. Upon liquidation, dissolution or winding-up, the holders of our common stock are entitled to share ratably in all assets that are legally available for distribution. The holders of our common stock have no preemptive, subscription, redemption or conversion rights. The rights, preferences and privileges of holders of our common stock are subject to, and may be adversely affected by, the rights of the holders of any series of preferred stock, which may be designated solely by action of our board of directors and issued in the future.

In the event of our liquidation, dissolution or winding up, the holders of our common stock are entitled to receive pro rata our assets which are legally available for distribution, after payments of all debts and other liabilities and subject to the prior rights of any holders of preferred stock then outstanding. All of the outstanding shares of our common stock are fully paid and non-assessable. The shares of common stock offered by this prospectus will also be fully paid and non-assessable.

Registration Rights

Pursuant to the XTI Merger Agreement, we agreed to file a registration statement under the Securities Act to register the resale of the shares of our common stock issued in the XTI Merger that were not registered on the Company's registration statement on Form S-4 filed in connection with the XTI Merger.

Preferred Stock

Our articles of incorporation permit us to issue up to 5,000,000 shares of preferred stock in one or more series and with rights and preferences that may be fixed or designated by our board of directors without any further action by our stockholders. Each series of preferred stock will have the number of shares, designations, preferences, voting powers, qualifications and special or relative rights or privileges as shall be determined by our board of directors, which may include, among others, dividend rights, voting rights, liquidation preferences, conversion rights and preemptive rights.

It is not possible to state the actual effect of the issuance of any shares of preferred stock upon the rights of holders of our common stock until the board of directors determines the specific rights of the holders of our preferred stock. However, the effects might include, among other things:

- Impairing dividend rights of our common stock;
- Diluting the voting power of our common stock;
- Impairing the liquidation rights of our common stock; and
- Delaying or preventing a change of control without further action by our stockholders.

Series 4 Preferred Stock

Our board of directors designated 10,415 shares of preferred stock as Series 4 Convertible Preferred Stock, \$0.001 par value with a stated value of \$1,000 (the "Series 4 Preferred Stock"). The Series 4 Preferred Stock was originally issued in our public offering of securities consummated on April 24, 2018. As of June 11, 2025, there was one share of Series 4 Preferred Stock outstanding convertible into 1 share of common stock.

Our board of directors may, without stockholder approval, issue shares of an additional class or series of preferred stock with voting and conversion rights which could adversely affect the voting power of the holders of the Series 4 Preferred Stock, except as prohibited by the certificate of designation of preferences, rights and limitations of the Series 4 Preferred Stock.

Conversion. Each share of Series 4 Preferred Stock is convertible, at any time and from time to time at the option of the holder thereof, into that number of shares of common stock determined by dividing the stated value of \$1,000 by the current conversion price equal to \$418,500,000 per share. In addition, the conversion price per share is subject to adjustment for stock dividends, distributions, subdivisions, combinations or reclassifications. A holder of the Series 4 Preferred Stock will not have the right to convert any portion of the Series 4 Preferred Stock to the extent that, after giving effect to the conversion, the holder, together with its affiliates, would beneficially own in excess of 4.99% (subject to adjustment to up to 9.99% solely at the holder's discretion upon 61 days' prior notice to us) of the number of shares of our common stock outstanding immediately after giving effect to its conversion.

Fundamental Transactions. In the event we effect certain mergers, consolidations, sales of substantially all of our assets, tender or exchange offers, reclassifications or share exchanges in which our common stock is effectively converted into or exchanged for other securities, cash or property, we consummate a business combination in which another person acquires more than 50% of the outstanding shares of our common stock, then, upon any subsequent conversion of the Series 4 Preferred Stock, the holders of the Series 4 Preferred Stock will have the right to receive any shares of the acquiring corporation or other consideration it would have been entitled to receive if it had been a holder of the number of shares of common stock then issuable upon conversion in full of the Series 4 Preferred Stock.

Dividends. Holders of the Series 4 Preferred Stock will be entitled to receive dividends equal (on an "as converted to common stock" basis) to and in the same form as dividends actually paid on shares of our common stock when, as and if such dividends are paid on shares of our common stock. No other dividends will be paid on shares of Series 4 Preferred Stock.

Voting Rights. Except as otherwise provided in the certificate of designation or as otherwise required by law, the Series 4 Preferred Stock has no voting rights.

Liquidation. Upon any dissolution, liquidation or winding up, whether voluntary or involuntary, holders of Series 4 Preferred Stock will be entitled to receive distributions out of our assets, whether capital or surplus, of the same amount that a holder of common stock would receive if the Series 4 Preferred Stock were fully converted (disregarding for such purposes any conversion limitations hereunder) to common stock which amounts will be paid pari passu with all holders of common stock.

Anti-Dilution Protection. The Series 4 Preferred contain an anti-dilution protection feature, to adjust the conversion price if shares of common stock are sold or issued for a consideration per share less than the conversion price then in effect (subject to certain exemptions), provided, that the conversion price will not be less than \$418,500,000.

Redemption Rights. We are not obligated to redeem or repurchase any shares of Series 4 Preferred Stock. Shares of Series 4 Preferred Stock are not otherwise entitled to any redemption rights, or mandatory sinking fund or analogous provisions.

Series 5 Preferred Stock

Our board of directors designated 12,000 shares of preferred stock as Series 5 Convertible Preferred Stock, \$0.001 par value with a stated value of \$1,000 (the "Series 5 Preferred Stock"). The Series 5 Preferred Stock was originally issued in our rights offering consummated on January 15, 2019. As of June 11, 2025, there were 126 shares of Series 5 Preferred Stock outstanding convertible into 1 share of common stock. Our board of directors may, without stockholder approval, issue shares of an additional class or series of preferred stock with voting and conversion rights which could adversely affect the voting power of the holders of the Series 5 Preferred Stock, except as prohibited by the certificate of designation of preferences, rights and limitations of the Series 5 Preferred Stock.

Conversion. Each share of Series 5 Preferred Stock will be convertible at the option of the holder at any time, into the number of shares of our common stock determined by dividing the \$1,000 stated value per share of the Series 5 Preferred Stock by a conversion price of \$280,968,750 per share. In addition, the conversion price per share is subject to adjustment for stock dividends, distributions, subdivisions, combinations or reclassifications. Subject to limited exceptions, a holder of the Series 5 Preferred Stock will not have the right to convert any portion of the Series 5 Preferred Stock to the extent that, after giving effect to the conversion, the holder, together with its affiliates, would beneficially own in excess of 4.99% (subject to adjustment to up to 9.99% solely at the holder's discretion upon 61 days' prior notice to us) of the number of shares of our common stock outstanding immediately after giving effect to its conversion.

Fundamental Transactions. In the event we effect certain mergers, consolidations, sales of substantially all of our assets, tender or exchange offers, reclassifications or share exchanges in which our common stock is effectively converted into or exchanged for other securities, cash or property, we consummate a business combination in which another person acquires more than 50% of the outstanding shares of our common stock, then, upon any subsequent conversion of the Series 5 Preferred Stock, the holders of the Series 5 Preferred Stock will have the right to receive any shares of the acquiring corporation or other consideration it would have been entitled to receive if it had been a holder of the number of shares of common stock then issuable upon conversion in full of the Series 5 Preferred Stock.

Dividends. Holders of Series 5 Preferred Stock will be entitled to receive dividends (on an as-if-converted-to-common-stock basis) in the same form as dividends actually paid on shares of the common stock when, as and if such dividends are paid on shares of common stock.

Voting Rights. Except as otherwise provided in the certificate of designation or as otherwise required by law, the Series 5 Preferred Stock has no voting rights.

Liquidation. Upon our liquidation, dissolution or winding-up, whether voluntary or involuntary, holders of Series 5 Preferred Stock will be entitled to receive out of our assets, whether capital or surplus, the same amount that a holder of common stock would receive if the Series 5 Preferred Stock were fully converted (disregarding for such purpose any conversion limitations under the certificate of designation) to common stock, which amounts will be paid *pari passu* with all holders of common stock.

Redemption Rights. We are not obligated to redeem or repurchase any shares of Series 5 Preferred Stock. Shares of Series 5 Preferred Stock are not otherwise entitled to any redemption rights, or mandatory sinking fund or analogous provisions.

Pre-funded Warrants to be Issued in this Offering

The following summary of certain terms and provisions of the Pre-funded Warrants that are being offered hereby is not complete and is subject to, and qualified in its entirety by, the provisions of the Pre-funded Warrant, the form of which is filed as an exhibit to the registration statement of which this prospectus forms a part. Prospective investors should carefully review the terms and provisions of the form of Pre-funded Warrant for a complete description of the terms and conditions of the Pre-funded Warrants.

Duration and Exercise Price

Each Pre-funded Warrant offered hereby will have an initial exercise price per share equal to \$0.001. The Pre-funded Warrants will be immediately exercisable and may be exercised at any time until the Pre-funded Warrants are exercised in full provided that the registration statement of which this prospectus forms a part or another registration statement is available for the issuance of the shares of common stock underlying the Pre-funded Warrants unless an exemption from registration is available. The exercise price and number of shares of common stock issuable upon exercise is subject to appropriate adjustment in the event of stock dividends, stock splits, reorganizations or similar events affecting our common stock and the exercise price.

Exercisability

Each Pre-funded Warrant may be exercised, in cash or by a cashless exercise at the election of the holder at any time following the date of issuance and from time to time thereafter until the Pre-funded Warrants are exercised in full. The Pre-funded Warrants will be exercisable in whole or in part by delivering to us a completed instruction form for exercise and complying with the requirements for exercise set forth in the Pre-funded Warrant. Payment of the exercise price may be made in cash or pursuant to a cashless exercise, in which case the holder would receive upon such exercise the net number of shares of common stock determined according to the formula set forth in the Pre-funded Warrant.

Exercise Limitation

In general, a holder will not have the right to exercise any portion of a Pre-funded Warrant if the holder (together with its Attribution Parties (as defined in the Pre-funded Warrant)) would beneficially own in excess of 4.99% or 9.99%, at the election of the holder, of the number of shares of our common stock outstanding immediately after giving effect to the exercise, as such percentage ownership is determined in accordance with the terms of the Pre-funded Warrant. However, any holder may increase or decrease such percentage to any other percentage not in excess of 9.99% upon notice to us, provided, that any increase in this limitation will not be effective until 61 days after such notice from the holder to us and such increase or decrease will apply only to the holder providing such notice.

Fractional Shares

No fractional shares of common stock will be issued upon the exercise of the Pre-funded Warrants. Rather, the number of shares of common stock to be issued will, at our election, either be rounded up to the next whole share or we will pay a cash adjustment in respect of such final fraction in an amount equal to such fraction multiplied by the exercise price.

Transferability

Subject to applicable laws, a Pre-funded Warrant may be transferred at the option of the holder upon surrender of the Pre-funded Warrant to us together with the appropriate instruments of transfer and funds sufficient to pay any transfer taxes payable upon such transfer.

Trading Market

There is no trading market available for the Pre-funded Warrants on any securities exchange or nationally recognized trading system, and we do not expect a trading market to develop. We do not intend to list the Pre-funded Warrants on any securities exchange or nationally recognized trading market. Without a trading market, the liquidity of the Pre-funded Warrants will be extremely limited.

Right as a Stockholder

Except as otherwise provided in the Pre-funded Warrants or by virtue of such holder's ownership of common stock, the holders of the Pre-funded Warrants do not have the rights or privileges of holders of our common stock, including any voting rights, until they exercise their Pre-funded Warrants. The Pre-funded Warrants will provide that holders have the right to participate in distributions or dividends paid on our common stock.

Fundamental Transaction

Upon the consummation of a fundamental transaction (as described in the Pre-funded Warrants, and generally including any reorganization, recapitalization or reclassification of our shares of common stock, the sale, transfer or other disposition of all or substantially all of our properties or assets, our consolidation or merger with or into another person, the acquisition of more than 50% of our outstanding shares of common stock, or any person or group becoming the beneficial owner of 50% of the voting power of our outstanding shares of common stock), the holders of the Pre-funded Warrants will be entitled to receive, upon exercise of the Pre-funded Warrants, the kind and amount of securities, cash or other property that such holders would have received had they exercised the Pre-funded Warrants immediately prior to such fundamental transaction, without regard to any limitations on exercise contained in the Pre-funded Warrants.

Representative's Warrants

The registration statement of which this prospectus forms a part also registers for sale the Representative's Warrants and the shares of common stock issuable upon exercise of the Representative's Warrants, as a portion of the underwriting compensation in connection with this Offering. Please see "Underwriting – Representative's Warrants" for a description of the warrants we have agreed to issue to the representative upon closing of this Offering.

Anti-Takeover Effects of Nevada Law and our Articles of Incorporation and Bylaws

Our articles of incorporation, our bylaws and the Nevada Revised Statutes ("NRS") contain provisions that could delay or make more difficult an acquisition of control of our company not approved by our board of directors, whether by means of a tender offer, open market purchases, proxy contests or otherwise. These provisions have been implemented to enable us to develop our business in a manner that will foster our long-term growth without disruption caused by the threat of a takeover not deemed by our board of directors to be in the best interest of our company and our stockholders. These provisions could have the effect of discouraging third parties from making proposals involving an acquisition or change of control of our company even if such a proposal, if made, might be considered desirable by a majority of our stockholders. These provisions may also have the effect of making it more difficult for third parties to cause the replacement of our current management without the concurrence of our board of directors.

Set forth below is a description of the provisions contained in our articles of incorporation, bylaws and Nevada Revised Statutes that could impede or delay an acquisition of control of our company that our board of directors has not approved. This description is intended as a summary only and is qualified in its entirety by reference to our articles of incorporation and bylaws, forms of each of which are included as exhibits to the registration statement of which this prospectus forms a part.

Authorized But Unissued Preferred Stock

We are currently authorized to issue a total of 5,000,000 shares of preferred stock. Our articles of incorporation provide that the board of directors may issue preferred stock by resolutions, without any action of the stockholders. In the event of a hostile takeover, the board of directors could potentially use this preferred stock to preserve control.

Classified Board

In accordance with the terms of our bylaws, our board of directors is divided into three classes, with members of each class serving staggered three-year terms. Upon the expiration of the term of a class of directors, directors in that class will be elected for three-year terms at the annual meeting of stockholders in the year in which their term expires. As such, approximately one-third of our board of directors will be elected each year and at least two annual meetings of stockholders may be necessary to change a majority of the directors. The classification of directors makes it more difficult for stockholders to change the composition of our board of directors.

Filling Vacancies

Nevada law and our bylaws establish that any vacancies on the board of directors may be filled by a majority of the remaining directors then in office, even though less than a quorum of the board, or by a sole remaining director. A vacancy in the board of directors created by the removal of a director, and not otherwise filled by the remaining directors, may be filled by the vote of a plurality of the votes cast at the annual meeting of the stockholders or at a duly called special meeting at which a quorum is present, or by the written consent of the holders of a majority of the outstanding shares.

Removal of Directors

The provisions of our bylaws may make it difficult for our stockholders to remove one or more of our directors. Nevada law and our bylaws provide that the entire board of directors, or any individual director, may be removed from office only by vote of the holders of capital stock representing not less than two-thirds of the voting power of the issued and outstanding capital stock entitled to vote. Under Nevada law, whenever the holders of any class or series of shares are entitled to elect one or more directors, unless otherwise provided in the articles of incorporation, removal of any such director requires only two-thirds of the holders of that class or series, and not the votes of the outstanding shares as a whole.

Board Action Without Meeting

Our bylaws provide that the board may take action without a meeting if all the members of the board consent to the action in writing. Board action through consent allows the board to make swift decisions, including in the event that a hostile takeover threatens current management.

No Cumulative Voting

Our bylaws and articles of incorporation do not provide the right to cumulate votes in the election of directors. This provision means that the holders of a plurality of the shares voting for the election of directors can elect all of the directors. Non-cumulative voting makes it more difficult for an insurgent minority stockholder to elect a person to the board of directors.

Stockholder Proposals

Except to the extent required under applicable laws, we are not required to include on our proxy card, or describe in our proxy statement, any information relating to any stockholder proposal and disseminated in connection with any meeting of stockholders.

Amendments to Articles of Incorporation and Bylaws

Nevada law and our articles of incorporation give both the directors and the stockholders the power to adopt, amend or repeal the bylaws of the corporation. Any adoption, alteration, amendment, change or repeal of the bylaws by the stockholders requires an affirmative vote by a majority of the outstanding stock of the company. Any bylaw, including any bylaw that has been adopted by the stockholders may be amended or repealed by the board, unless otherwise prohibited by a bylaw adopted by the stockholders. Except for certain changes in connection with stock splits and a plan of merger, any proposal to amend, alter, change or repeal any provision of our articles of incorporation requires approval by a majority of the voting power of all of the classes of our capital stock entitled to vote on such amendment or repeal, voting together as a single class, and, if the proposed amendment would adversely alter or change any preference or any relative or other right of any class or series of outstanding shares, then also by the holders of shares representing a majority of the voting power of each class adversely affected.

Nevada Statutory Provisions

We are subject to the provisions of NRS 78.378 to 78.3793, inclusive, an anti-takeover law, which applies to any acquisition of a controlling interest in an “issuing corporation.” In general, such anti-takeover laws permit the articles of incorporation, bylaws or a resolution adopted by the directors of an “issuing corporation” (as defined in NRS 78.3788) to impose stricter requirements on the acquisition of a controlling interest in such corporation than the provisions of NRS 78.378 to 78.3793, inclusive, as well as permit the directors of an issuing corporation to take action to protect the interests of the corporation and its stockholders, including, but not limited to, adopting plans, arrangements or other instruments that grant or deny rights, privileges, power or authority to holder(s) of certain percentages of ownership and/or voting power. Further, an “acquiring person” (and those acting in association) only obtains such voting rights in the control shares as are conferred by resolution of the stockholders at either a special meeting requested by the acquiring person, provided it delivers an offeror’s statement pursuant to NRS 78.3789 and undertakes to pay the expenses thereof, or at the next special or annual meeting of stockholders. In addition, the anti-takeover law generally provides for (i) the redemption by the issuing corporation of not less than all of the “control shares” (as defined) in accordance with NRS 78.3792, if so provided in the articles of incorporation or bylaws in effect on the 10th day following the acquisition of a controlling interest in an “issuing corporation”, and (ii) dissenter’s rights pursuant to NRS 92A.300 to 92A.500, inclusive, for stockholders that voted against authorizing voting rights for the control shares. Our bylaws provide that, effective as of March 12, 2024 (the closing date of the XTI Merger) (the “Closing Date”), the provisions of NRS 78.378 through 78.3793, inclusive, are not applicable to the XTI Merger Agreement and the consummation of the transactions contemplated thereby, including, without limitation, the acquisition of shares, or of rights to acquire shares, of the Company by the stockholders, or holders of rights to acquire stock, of Legacy XTI as of the Closing Date.

We are also subject to the provisions of NRS 78.411 to 78.444, inclusive, which generally prohibits a publicly held Nevada corporation from engaging in a “combination” with an “interested stockholder” (each as defined) that is the beneficial owner, directly or indirectly, of at least ten percent of the voting power of the outstanding voting shares of the corporation or is an affiliate or associate of the corporation that previously held such voting power within the past three years, for a period of three years after the date the person first became an “interested stockholder”, subject to certain exceptions for authorized combinations, as provided therein.

In accordance with NRS 78.195, our articles of incorporation provide for the authority of the board of directors to issue shares of preferred stock in series by filing a certificate of designation to establish from time to time the number of shares to be included in such series and to fix the designation, powers, preferences and rights of the shares of each such series and the qualifications, limitations or restrictions thereof, subject to limitations prescribed by law.

Transfer Agent and Registrar

The transfer agent and registrar for our common stock is Computershare Trust Company, N.A.

Nasdaq Listing

Our common stock is currently traded on the Nasdaq Capital Market under the symbol “XTIA.”

UNDERWRITING

ThinkEquity LLC is acting as representative of the underwriters of this Offering. We have entered into an underwriting agreement dated _____, 2025 with the representative. Subject to the terms and conditions of the underwriting agreement, we have agreed to sell to each underwriter named below, and each underwriter named below has severally agreed to purchase, at the public offering price less the underwriting discounts set forth on the cover page of this prospectus, the number of shares of common stock and Pre-funded Warrants next to its name in the following table:

Underwriters	Number of Shares	Number of Pre-funded Warrants
ThinkEquity LLC		
Total		

The underwriters are committed to purchase all the shares of common stock (and/or Pre-funded Warrants in lieu thereof) offered by the Company. The obligations of the underwriters may be terminated upon the occurrence of certain events specified in the underwriting agreement. Furthermore, the underwriting agreement provides that the obligations of the underwriters to pay for and accept delivery of the shares offered by us in this prospectus are subject to various representations and warranties and other customary conditions specified in the underwriting agreement, such as receipt by the underwriters of officers' certificates and legal opinions.

We have agreed to indemnify the underwriters against specified liabilities, including liabilities under the Securities Act, and to contribute to payments the underwriters may be required to make in respect thereof.

The underwriters are offering the shares of common stock (and/or Pre-funded Warrants in lieu thereof) subject to prior sale, when, as and if issued to and accepted by them, subject to approval of legal matters by their counsel and other conditions specified in the underwriting agreement. The underwriters reserve the right to withdraw, cancel or modify offers to the public and to reject orders in whole or in part.

We have granted the Representative an over-allotment option. This option, which is exercisable for up to 45 days after the date of this prospectus, permits the underwriters to purchase up to an aggregate of additional shares of common stock (and/or Pre-funded Warrants in lieu thereof) (equal to 15% of the total number of shares of common stock and/or Pre-funded Warrants sold in this Offering, or any combination thereof). The purchase price of the shares sold upon exercise of the over-allotment option shall be the public offering price per share less \$0.0001 per share; the purchase price of the Pre-funded Warrants sold upon exercise of the over-allotment shall be the public offering price of the Pre-funded Warrants less \$0.0001 per Pre-funded Warrant; in ease case, less underwriting discounts and commissions, solely to cover over-allotments, if any. If the underwriters exercise this option in whole or in part, then the underwriters will be severally committed, subject to the conditions described in the underwriting agreement, to purchase the additional shares of common stock (and/or Pre-funded Warrants in lieu thereof) in proportion to their respective commitments set forth in the prior table.

Discounts, Commissions and Reimbursement

The underwriters propose initially to offer the shares of common stock (and/or Pre-funded Warrants in lieu thereof) to the public at the public offering price set forth on the cover page of this prospectus. The underwriters may offer securities to securities dealers at that price less a concession of not more than \$ _____ per share (or Pre-funded Warrant) of which up to \$ _____ per share (or Pre-funded Warrant) may be reallocated to other dealers. If all of the shares of common stock and/or Pre-funded Warrants offered by us are not sold at the public offering price, the underwriters may change the offering price and other selling terms by means of a supplement to this prospectus.

The following table shows the offering price, underwriting discounts and proceeds, before expenses, to us. The information assumes either no exercise or full exercise by the underwriters of their over-allotment option.

	Per Share	Per Pre-funded Warrant	Total Without Over- Allotment	Total With Full Over- Allotment
Public offering price	\$	\$	\$	\$
Underwriting discounts and commissions (7%)	\$	\$	\$	\$
Proceeds, before expenses, to us	\$	\$	\$	\$

We have also agreed to pay certain of the representative's expenses relating to the Offering, including: (a) all fees, expenses and disbursements relating to background checks of our officers, directors and entities in an amount not to exceed \$15,000 in the aggregate; (b) fees and expenses of the underwriter's legal counsel not to exceed \$125,000; (c) a \$29,500 cost associated with the underwriters use of Ipreo's book-building, prospectus tracking and compliance software for the Offering; (d) \$10,000 for data services and communications expenses; (e) up to \$30,000 of market making and trading, and clearing firm settlement expenses for the Offering; and (f) up to \$10,000 of the underwriters' actual accountable "road show" expenses; provided that the maximum amount that we will reimburse the underwriters is \$175,000, inclusive of \$42,500 which has been previously received.

Our total estimated expenses of the Offering, including registration, filing and listing fees, printing fees and legal and accounting expenses, but excluding underwriting discounts and commissions, are approximately \$0.4 million.

Representative's Warrants

Upon closing of this Offering, we have agreed to issue the representative warrants (the "Representative's Warrants") as compensation to purchase up to shares of common stock, or shares of common stock assuming the exercise of the over-allotment option in full (5% of the aggregate number of shares of common stock and/or Pre-funded Warrants sold in this Offering). The Representative's Warrants will be exercisable at a per share exercise price of \$ (125% of the public offering price per share of common stock in the Offering). The Representative's Warrants are immediately exercisable, in whole or in part, during the five year period following the initial exercise date. The Representative's Warrants and the shares of common stock issuable upon exercise of the Representative's Warrants are being registered on the registration statement of which this prospectus is a part.

The Representative's Warrants have been deemed compensation by Financial Industry Regulatory Authority, Inc. ("FINRA") and are therefore subject to a 180-day lock-up pursuant to Rule 5110(e)(1)(A) of FINRA. The representative (or permitted assignees under Rule 5110(e)(2)) will not sell, transfer, assign, pledge, or hypothecate these warrants or the securities underlying these warrants, nor will they engage in any hedging, short sale, derivative, put, or call transaction that would result in the effective economic disposition of the warrants or the underlying securities for a period of 180 days following the commencement of sales of the securities issued in this Offering. In addition, the Representative's Warrants provide for registration rights upon request, in certain cases. The sole demand registration right provided will not be greater than five years from the commencement of sales of the securities issued in this Offering in compliance with FINRA Rule 5110(g)(8)(C). The piggyback registration rights provided will not be greater than seven years from the commencement of sales of the securities issued in this Offering in compliance with FINRA Rule 5110(g)(8)(D). We will bear all fees and expenses attendant to registering the securities issuable on exercise of the warrants other than underwriting commissions incurred and payable by the holders. The exercise price and number of shares issuable upon exercise of the Representative's Warrants may be adjusted in certain circumstances including in the event of a stock dividend or our recapitalization, reorganization, merger or consolidation. However, the Representative's Warrant exercise price or underlying shares will not be adjusted for issuances of shares of common stock at a price below the warrant exercise price.

Lock-Up Agreements

Pursuant to "lock-up" agreements, we, and our executive officers, directors and affiliates have agreed, without the prior written consent of the representative, not to, directly or indirectly, offer to sell, sell, pledge or otherwise transfer or dispose of any of shares of (or enter into any transaction or device that is designed to, or could be expected to, result in the transfer or disposition by any person at any time in the future of) our common stock, enter into any swap or other derivatives transaction that transfers to another, in whole or in part, any of the economic benefits or risks of ownership of shares of our common stock, make any demand for or exercise any right or cause to be filed a registration statement, including any amendments thereto, with respect to the registration of any shares of common stock or securities convertible into or exercisable or exchangeable for shares of common stock or any other of our securities or publicly disclose the intention to do any of the foregoing, subject to customary exceptions, for, with respect to the Company, a period of 60 days from the date of this prospectus, and with respect to our executive officers and directors, a period of 90 days from the date of this prospectus.

Additionally, we have agreed that for a period of 90 days from the date of this prospectus, we will not directly or indirectly offer to sell, sell, contract to sell, grant any option to sell or otherwise dispose of shares of our capital stock or any securities convertible into or exercisable or exchangeable for shares of our capital stock in any “at-the-market,” continuous equity transaction or variable rate transaction, without the prior written consent of the representative.

Discretionary Accounts

The underwriters do not intend to confirm sales of the shares of common stock and/or Pre-funded Warrants offered hereby to any accounts over which they have discretionary authority.

Nasdaq Capital Market Listing

Our common stock is listed on The Nasdaq Capital Market under the symbol “XTIA”. There is no established trading market for the Pre-funded Warrants and we do not intend to list the Pre-funded Warrants on any securities exchange or nationally recognized trading system.

Other

From time to time, certain of the underwriters and/or their affiliates may in the future provide, various investment banking and other financial services for us for which they may receive customary fees. In the course of their businesses, the underwriters and their affiliates may actively trade our securities or loans for their own account or for the accounts of customers, and, accordingly, the underwriters and their affiliates may at any time hold long or short positions in such securities or loans. Other than as described below, no underwriter has provided any investment banking or other financial services to us during the 180-day period preceding the date of this prospectus.

On January 10, 2025, we consummated the January 2025 Offering. ThinkEquity served as placement agent and received \$1,400,001 of placement agent fees and warrants to purchase 72,727 shares of common stock, which were exercisable commencing January 10, 2025, expire January 8, 2030 and have an exercise price of \$17.1875 per share. Additionally, we reimbursed ThinkEquity for \$175,000 of actual out-of-pocket offering expenses.

On July 30, 2024, we entered into an agreement with ThinkEquity (which was amended on October 10, 2024 and March 26, 2025), whereby we engaged ThinkEquity to provide financial advisory services. Pursuant to the agreement, as amended, we issued ThinkEquity 4,000 shares of restricted common stock, subject to certain registration rights, and we paid ThinkEquity cash fees of \$523,000, and we reimbursed ThinkEquity for \$3,200 of out-of-pocket expenses.

On March 31, 2025, we consummated the March 2025 Offering. ThinkEquity served as representative of the underwriters and received \$280,002 of underwriting commissions and warrants to purchase 147,060 shares of common stock, which were exercisable commencing March 31, 2025, expire March 28, 2030 and have an exercise price of \$1.70 per share. Additionally, we reimbursed ThinkEquity for \$175,000 of actual out-of-pocket offering expenses.

On May 13, 2025, we entered into another advisory agreement with ThinkEquity, pursuant to which we agreed to issue 125,000 shares of restricted common stock, subject to certain registration rights, to ThinkEquity in consideration for financial advisory services agreed to be rendered to the Company pursuant to the advisory agreement. We agreed to register such shares within 60 days of the date of the advisory agreement. ThinkEquity did not receive any demand or piggyback registration rights with respect to such shares. Accordingly, such registration rights comply with FINRA Rule 5110(g)(8)(C) and (D). Such shares have been deemed compensation by FINRA and are therefore subject to a 180-day lock-up pursuant to Rule 5110 (d)(1)(A) of FINRA.

Price Stabilization, Short Positions and Penalty Bids

In connection with this Offering, the underwriters may engage in transactions that stabilize, maintain or otherwise affect the price of our common stock. Specifically, the underwriters may over-allot in connection with this Offering by selling more shares than are set forth on the cover page of this prospectus. This creates a short position in our common stock for its own account. The short position may be either a covered short position or a naked short position. In a covered short position, the number of shares of common stock over-allotted by the underwriters is not greater than the number of shares of common stock that they may purchase in the over-allotment option. In a naked short position, the number of shares of common stock involved is greater than the number of shares of common stock in the over-allotment option. To close out a short position, the underwriters may elect to exercise all or part of the over-allotment option. The underwriters may also elect to stabilize the price of our common stock or reduce any short position by bidding for, and purchasing, common stock in the open market.

The underwriters may also impose a penalty bid. This occurs when a particular underwriter or dealer repays selling concessions allowed to it for distributing shares of common stock in this Offering because the underwriter repurchases the shares of common stock in stabilizing or short covering transactions.

Finally, the underwriters may bid for, and purchase, shares of our common stock in market making transactions, including “passive” market making transactions as described below.

These activities may stabilize or maintain the market price of our common stock at a price that is higher than the price that might otherwise exist in the absence of these activities. The underwriters are not required to engage in these activities, and may discontinue any of these activities at any time without notice. These transactions may be effected on the national securities exchange on which our shares of common stock are traded, in the over-the-counter market, or otherwise.

Indemnification

We have agreed to indemnify the underwriters against liabilities relating to this Offering arising under the Securities Act and the Exchange Act, liabilities arising from breaches of some, or all of the representations and warranties contained in the underwriting agreement, and to contribute to payments that the underwriters may be required to make for these liabilities.

Electronic Distribution

This prospectus in electronic format may be made available on websites or through other online services maintained by one or more of the underwriters, or by their affiliates. Other than this prospectus in electronic format, the information on any underwriter’s website and any information contained in any other website maintained by an underwriter is not part of this prospectus, has not been approved and/or endorsed by us or any underwriter in its capacity as underwriter, and should not be relied upon by investors.

Offer Restrictions Outside the United States

Other than in the United States, no action has been taken by us or the underwriters that would permit a public offering of the securities offered by this prospectus in any jurisdiction where action for that purpose is required. The securities offered by this prospectus may not be offered or sold, directly or indirectly, nor may this prospectus or any other offering material or advertisements in connection with the offer and sale of any such securities be distributed or published in any jurisdiction, except under circumstances that will result in compliance with the applicable rules and regulations of that jurisdiction. Persons into whose possession this prospectus comes are advised to inform themselves about and to observe any restrictions relating to the Offering and the distribution of this prospectus. This prospectus does not constitute an offer to sell or a solicitation of an offer to buy any securities offered by this prospectus in any jurisdiction in which such an offer or a solicitation is unlawful.

Australia

This prospectus is not a disclosure document under Chapter 6D of the Australian Corporations Act, has not been lodged with the Australian Securities and Investments Commission and does not purport to include the information required of a disclosure document under Chapter 6D of the Australian Corporations Act. Accordingly, (i) the offer of the securities under this prospectus is only made to persons to whom it is lawful to offer the securities without disclosure under Chapter 6D of the Australian Corporations Act under one or more exemptions set out in section 708 of the Australian Corporations Act, (ii) this prospectus is made available in Australia only to those persons as set forth in clause (i) above, and (iii) the offeree must be sent a notice stating in substance that by accepting this offer, the offeree represents that the offeree is such a person as set forth in clause (i) above, and, unless permitted under the Australian Corporations Act, agrees not to sell or offer for sale within Australia any of the securities sold to the offeree within 12 months after its transfer to the offeree under this prospectus.

Canada

The securities may be sold only to purchasers purchasing, or deemed to be purchasing, as principal that are accredited investors, as defined in National Instrument 45-106 Prospectus Exemptions or subsection 73.3(1) of the Securities Act (Ontario), and are permitted clients, as defined in National Instrument 31-103 Registration Requirements, Exemptions and Ongoing Registrant Obligations. Any resale of the securities must be made in accordance with an exemption from, or in a transaction not subject to, the prospectus requirements of applicable securities laws.

Securities legislation in certain provinces or territories of Canada may provide a purchaser with remedies for rescission or damages if this prospectus (including any amendment thereto) contains a misrepresentation, provided that the remedies for rescission or damages are exercised by the purchaser within the time limit prescribed by the securities legislation of the purchaser's province or territory. The purchaser should refer to any applicable provisions of the securities legislation of the purchaser's province or territory for particulars of these rights or consult with a legal advisor.

China

The information in this document does not constitute a public offer of the securities, whether by way of sale or subscription, in the People's Republic of China (excluding, for purposes of this paragraph, Hong Kong Special Administrative Region, Macau Special Administrative Region and Taiwan). The securities may not be offered or sold directly or indirectly in the PRC to legal or natural persons other than directly to "qualified domestic institutional investors."

European Economic Area—Belgium, Germany, Luxembourg and Netherlands

The information in this document has been prepared on the basis that all offers of securities will be made pursuant to an exemption under the Directive 2003/71/EC ("Prospectus Directive"), as implemented in Member States of the European Economic Area (each, a "Relevant Member State"), from the requirement to produce a prospectus for offers of securities.

An offer to the public of securities has not been made, and may not be made, in a Relevant Member State except pursuant to one of the following exemptions under the Prospectus Directive as implemented in that Relevant Member State:

- to legal entities that are authorized or regulated to operate in the financial markets or, if not so authorized or regulated, whose corporate purpose is solely to invest in securities;
- to any legal entity that has two or more of (i) an average of at least 250 employees during its last fiscal year; (ii) a total balance sheet of more than €43,000,000 (as shown on its last annual unconsolidated or consolidated financial statements) and (iii) an annual net turnover of more than €50,000,000 (as shown on its last annual unconsolidated or consolidated financial statements);

- to fewer than 100 natural or legal persons (other than qualified investors within the meaning of Article 2(1)(e) of the Prospectus Directive) subject to obtaining the prior consent of the Company or any underwriter for any such offer; or
- in any other circumstances falling within Article 3(2) of the Prospectus Directive, provided that no such offer of securities shall result in a requirement for the publication by the Company of a prospectus pursuant to Article 3 of the Prospectus Directive.

France

This document is not being distributed in the context of a public offering of financial securities (offre au public de titres financiers) in France within the meaning of Article L.411-1 of the French Monetary and Financial Code (Code Monétaire et Financier) and Articles 211-1 et seq. of the General Regulation of the French Autorité des marchés financiers (“AMF”). The securities have not been offered or sold and will not be offered or sold, directly or indirectly, to the public in France.

This document and any other offering material relating to the securities have not been, and will not be, submitted to the AMF for approval in France and, accordingly, may not be distributed or caused to be distributed, directly or indirectly, to the public in France.

Such offers, sales and distributions have been and shall only be made in France to (i) qualified investors (investisseurs qualifiés) acting for their own account, as defined in and in accordance with Articles L.411-2-II-2° and D.411-1 to D.411-3, D.744-1, D.754-1 ;and D.764-1 of the French Monetary and Financial Code and any implementing regulation and/or (ii) a restricted number of non-qualified investors (cercle restreint d’investisseurs) acting for their own account, as defined in and in accordance with Articles L.411-2-II-2° and D.411-4, D.744-1, D.754-1; and D.764-1 of the French Monetary and Financial Code and any implementing regulation.

Pursuant to Article 211-3 of the General Regulation of the AMF, investors in France are informed that the securities cannot be distributed (directly or indirectly) to the public by the investors otherwise than in accordance with Articles L.411-1, L.411-2, L.412-1 and L.621-8 to L.621-8-3 of the French Monetary and Financial Code.

Ireland

The information in this document does not constitute a prospectus under any Irish laws or regulations and this document has not been filed with or approved by any Irish regulatory authority as the information has not been prepared in the context of a public offering of securities in Ireland within the meaning of the Irish Prospectus (Directive 2003/71/EC) Regulations 2005 (the “Prospectus Regulations”). The securities have not been offered or sold, and will not be offered, sold or delivered directly or indirectly in Ireland by way of a public offering, except to (i) qualified investors as defined in Regulation 2(1) of the Prospectus Regulations and (ii) fewer than 100 natural or legal persons who are not qualified investors.

Israel

The securities offered by this prospectus have not been approved or disapproved by the Israeli Securities Authority (the “ISA”), nor have such securities been registered for sale in Israel. The shares may not be offered or sold, directly or indirectly, to the public in Israel, absent the publication of a prospectus. The ISA has not issued permits, approvals or licenses in connection with the offering or publishing the prospectus; nor has it authenticated the details included herein, confirmed their reliability or completeness, or rendered an opinion as to the quality of the securities being offered. Any resale in Israel, directly or indirectly, to the public of the securities offered by this prospectus is subject to restrictions on transferability and must be effected only in compliance with the Israeli securities laws and regulations.

Italy

The offering of the securities in the Republic of Italy has not been authorized by the Italian Securities and Exchange Commission (Commissione Nazionale per le Società e la Borsa, or “CONSOB”) pursuant to the Italian securities legislation and, accordingly, no offering material relating to the securities may be distributed in Italy and such securities may not be offered or sold in Italy in a public offer within the meaning of Article 1.1(t) of Legislative Decree No. 58 of 24 February 1998 (“Decree No. 58”), other than:

- to Italian qualified investors, as defined in Article 100 of Decree no.58 by reference to Article 34-ter of CONSOB Regulation no. 11971 of 14 May 1999 (“Regulation no. 11971”) as amended (“Qualified Investors”); and
- in other circumstances that are exempt from the rules on public offer pursuant to Article 100 of Decree No. 58 and Article 34-ter of Regulation No. 11971 as amended.

Any offer, sale or delivery of the securities or distribution of any offer document relating to the securities in Italy (excluding placements where a Qualified Investor solicits an offer from the issuer) under the paragraphs above must be:

- made by investment firms, banks or financial intermediaries permitted to conduct such activities in Italy in accordance with Legislative Decree No. 385 of 1 September 1993 (as amended), Decree No. 58, CONSOB Regulation No. 16190 of 29 October 2007 and any other applicable laws; and
- in compliance with all relevant Italian securities, tax and exchange controls and any other applicable laws.

Any subsequent distribution of the securities in Italy must be made in compliance with the public offer and prospectus requirement rules provided under Decree No. 58 and the Regulation No. 11971 as amended, unless an exception from those rules applies. Failure to comply with such rules may result in the sale of such securities being declared null and void and in the liability of the entity transferring the securities for any damages suffered by the investors.

Japan

The securities have not been and will not be registered under Article 4, paragraph 1 of the Financial Instruments and Exchange Law of Japan (Law No. 25 of 1948), as amended (the “FIEL”), pursuant to an exemption from the registration requirements applicable to a private placement of securities to Qualified Institutional Investors (as defined in and in accordance with Article 2, paragraph 3 of the FIEL and the regulations promulgated thereunder). Accordingly, the securities may not be offered or sold, directly or indirectly, in Japan or to, or for the benefit of, any resident of Japan other than Qualified Institutional Investors. Any Qualified Institutional Investor who acquires securities may not resell them to any person in Japan that is not a Qualified Institutional Investor, and acquisition by any such person of securities is conditional upon the execution of an agreement to that effect.

Portugal

This document is not being distributed in the context of a public offer of financial securities (oferta pública de valores mobiliários) in Portugal, within the meaning of Article 109 of the Portuguese Securities Code (Código dos Valores Mobiliários). The securities have not been offered or sold and will not be offered or sold, directly or indirectly, to the public in Portugal. This document and any other offering material relating to the securities have not been, and will not be, submitted to the Portuguese Securities Market Commission (Comissão do Mercado de Valores Mobiliários) for approval in Portugal and, accordingly, may not be distributed or caused to be distributed, directly or indirectly, to the public in Portugal, other than under circumstances that are deemed not to qualify as a public offer under the Portuguese Securities Code. Such offers, sales and distributions of securities in Portugal are limited to persons who are “qualified investors” (as defined in the Portuguese Securities Code). Only such investors may receive this document and they may not distribute it or the information contained in it to any other person.

Sweden

This document has not been, and will not be, registered with or approved by Finansinspektionen (the Swedish Financial Supervisory Authority). Accordingly, this document may not be made available, nor may the securities be offered for sale in Sweden, other than under circumstances that are deemed not to require a prospectus under the Swedish Financial Instruments Trading Act (1991:980) (Sw. lag (1991:980) om handel med finansiella instrument). Any offering of securities in Sweden is limited to persons who are “qualified investors” (as defined in the Financial Instruments Trading Act). Only such investors may receive this document and they may not distribute it or the information contained in it to any other person.

Switzerland

The securities may not be publicly offered in Switzerland and will not be listed on the SIX Swiss Exchange (“SIX”) or on any other stock exchange or regulated trading facility in Switzerland. This document has been prepared without regard to the disclosure standards for issuance prospectuses under art. 652a or art. 1156 of the Swiss Code of Obligations or the disclosure standards for listing prospectuses under art. 27 ff. of the SIX Listing Rules or the listing rules of any other stock exchange or regulated trading facility in Switzerland. Neither this document nor any other offering material relating to the securities may be publicly distributed or otherwise made publicly available in Switzerland.

Neither this document nor any other offering material relating to the securities have been or will be filed with or approved by any Swiss regulatory authority. In particular, this document will not be filed with, and the offer of securities will not be supervised by, the Swiss Financial Market Supervisory Authority (FINMA).

This document is personal to the recipient only and not for general circulation in Switzerland.

United Arab Emirates

Neither this document nor the securities have been approved, disapproved or passed on in any way by the Central Bank of the United Arab Emirates or any other governmental authority in the United Arab Emirates, nor has the Company received authorization or licensing from the Central Bank of the United Arab Emirates or any other governmental authority in the United Arab Emirates to market or sell the securities within the United Arab Emirates. This document does not constitute and may not be used for the purpose of an offer or invitation. No services relating to the securities, including the receipt of applications and/or the allotment or redemption of such securities, may be rendered within the United Arab Emirates by the Company.

No offer or invitation to subscribe for securities is valid or permitted in the Dubai International Financial Centre.

United Kingdom

Neither the information in this document nor any other document relating to the offer has been delivered for approval to the Financial Services Authority in the United Kingdom and no prospectus (within the meaning of section 85 of the Financial Services and Markets Act 2000, as amended (“FSMA”) has been published or is intended to be published in respect of the securities. This document is issued on a confidential basis to “qualified investors” (within the meaning of section 86(7) of FSMA) in the United Kingdom, and the securities may not be offered or sold in the United Kingdom by means of this document, any accompanying letter or any other document, except in circumstances which do not require the publication of a prospectus pursuant to section 86(1) FSMA. This document should not be distributed, published or reproduced, in whole or in part, nor may its contents be disclosed by recipients to any other person in the United Kingdom.

Any invitation or inducement to engage in investment activity (within the meaning of section 21 of FSMA) received in connection with the issue or sale of the securities has only been communicated or caused to be communicated and will only be communicated or caused to be communicated in the United Kingdom in circumstances in which section 21(1) of FSMA does not apply to the Company.

In the United Kingdom, this document is being distributed only to, and is directed at, persons (i) who have professional experience in matters relating to investments falling within Article 19(5) (investment professionals) of the Financial Services and Markets Act 2000 (Financial Promotions) Order 2005 (“FPO”), (ii) who fall within the categories of persons referred to in Article 49(2)(a) to (d) (high net worth companies, unincorporated associations, etc.) of the FPO or (iii) to whom it may otherwise be lawfully communicated (together “relevant persons”). The investments to which this document relates are available only to, and any invitation, offer or agreement to purchase will be engaged in only with, relevant persons. Any person who is not a relevant person should not act or rely on this document or any of its contents.

Pursuant to section 3A.3 of National Instrument 33-105 Underwriting Conflicts, or NI 33-105, the underwriters are not required to comply with the disclosure requirements of NI 33-105 regarding underwriter conflicts of interest in connection with this offering.

LEGAL MATTERS

Certain legal matters in connection with the Offering will be passed upon for us by Mitchell Silberberg & Knupp LLP, New York, New York. The underwriters are being represented by Blank Rome LLP, New York, New York.

EXPERTS

The audited consolidated financial statements of the Company and its subsidiaries, as of and for the years ended December 31, 2024 and 2023, have been incorporated by reference into this prospectus in reliance upon the report of Marcum LLP, independent registered public accounting firm, upon the authority of said firm as experts in accounting and auditing.

The audited financial statements of XTI Aircraft Company as of and for the years ended December 31, 2023 and 2022, included in our Current Report on Form 8-K/A filed with the SEC on May 28, 2024, have been incorporated by reference into this prospectus in reliance upon the report of Marcum LLP, independent registered public accounting firm, which includes an explanatory paragraph as to XTI Aircraft Company's ability to continue as a going concern, upon the authority of said firm as experts in accounting and auditing.

INCORPORATION OF CERTAIN INFORMATION BY REFERENCE

The SEC allows us to incorporate by reference into this prospectus certain information we file with it, which means that we can disclose important information by referring you to those documents. The information incorporated by reference is considered to be part of this prospectus. Because we are incorporating by reference future filings with the SEC, this prospectus is continually updated and those future filings may modify or supersede some of the information included or incorporated in this prospectus. We incorporate by reference the documents listed below and all documents subsequently filed with the SEC (excluding any portions of any Form 8-K that are not deemed "filed" pursuant to the General Instructions of Form 8-K) pursuant to Section 13(a), 13(c), 14 or 15(d) of the Exchange Act, after the date of this prospectus and prior to the date this Offering is terminated or we issue all of the securities under this prospectus:

- our Annual Report on [Form 10-K](#) for the fiscal year ended December 31, 2024, filed with the SEC on April 15, 2025;
- our Quarterly Report on [Form 10-Q](#) for the quarterly period ended March 31, 2025, filed with the SEC on May 19, 2025;
- with the exception of the portions of the following filings that are furnished rather than filed, our Current Reports on Form 8-K filed with the SEC on [January 10, 2025](#), [January 23, 2025](#), [February 12, 2025](#), [February 13, 2025](#), [March 7, 2025](#), [March 18, 2025](#), [March 27, 2025](#), [March 28, 2025](#), [March 31, 2025](#), [April 4, 2025](#), [April 22, 2025](#) and [April 30, 2025](#) and on [Form 8-K/A](#), as filed with the SEC on May 28, 2024; and
- the description of our common stock contained in our Registration Statement on [Form 8-A](#) filed with the SEC on April 7, 2014, including any amendments or reports filed with the SEC for the purposes of updating such description.

To obtain copies of these filings, see "Where You Can Find More Information" in this prospectus. Nothing in this prospectus shall be deemed to incorporate information furnished, but not filed, with the SEC, including pursuant to Item 2.02 or Item 7.01 of Form 8-K and any corresponding information or exhibit furnished under Item 9.01 of Form 8-K.

Information in this prospectus supersedes related information in the documents listed above and information in subsequently filed documents supersedes related information in both this prospectus and the incorporated documents.

WHERE YOU CAN FIND MORE INFORMATION

We are subject to the periodic reporting requirements of the Exchange Act, and we will file periodic reports, proxy statements and other information with the SEC. These periodic reports, proxy statements and other information are available at www.sec.gov. We maintain a website at www.xtiaerospace.com. We have not incorporated by reference into this prospectus the information contained in, or that can be accessed through, our website, and you should not consider it to be a part of this prospectus. You may access our Annual Report on Form 10-K, Quarterly Reports on Form 10-Q, Current Reports on Form 8-K and amendments to those reports filed or furnished pursuant to Section 13(a) or 15(d) of the Exchange Act with the SEC free of charge at our website as soon as reasonably practicable after such material is electronically filed with, or furnished to, the SEC. You may also request a copy of these filings (other than exhibits to these documents unless the exhibits are specifically incorporated by reference into these documents or referred to in this prospectus), at no cost, by writing us at XTI Aerospace, Inc., 8123 InterPort Blvd., Suite C, Englewood, CO 80112 or contacting us at (800) 680-7412.

We have filed with the SEC a registration statement under the Securities Act relating to the offering of these securities. The registration statement, including the attached exhibits, contains additional relevant information about us and the securities. This prospectus does not contain all of the information set forth in the registration statement. You may review a copy of the registration statement and the documents incorporated by reference herein through the SEC's website at www.sec.gov.

Up to 3,960,396 Shares of Common Stock
Up to 3,960,396 Pre-funded Warrants to purchase up to 3,960,396 Shares of Common Stock
Up to 3,960,396 Shares of Common Stock Underlying such Pre-funded Warrants



PRELIMINARY PROSPECTUS

ThinkEquity

, 2025

Through and including (the 25th day after the date of this prospectus), all dealers effecting transactions in these securities, whether or not participating in this Offering, may be required to deliver a prospectus. This is in addition to a dealer's obligation to deliver a prospectus when acting as an underwriter and with respect to an unsold allotment or subscription.

PART II

INFORMATION NOT REQUIRED IN PROSPECTUS

Item 13. Other Expenses of Issuance and Distribution

The following table sets forth the expenses in connection with this registration statement. All of such expenses are estimates, other than the filing fees payable to the SEC and to FINRA.

SEC registration fee	\$	3,739
FINRA fees	\$	3,950
Accounting fees and expenses	\$	30,000
Legal fees and expenses	\$	394,811
Total	\$	432,500

Item 14. Indemnification of Directors and Officers.

The Nevada Revised Statutes provide that we may indemnify our officers and directors against losses or liabilities which arise in their corporate capacity. The effect of these provisions could be to dissuade lawsuits against our officers and directors.

The Nevada Revised Statutes Section 78.7502 provides that:

(1) A corporation may indemnify any person who was or is a party or is threatened to be made a party to any threatened, pending or completed action, suit or proceeding, whether civil, criminal, administrative or investigative, except an action by or in the right of the corporation, by reason of the fact that he is or was a director, officer, employee or agent of the corporation, or is or was serving at the request of the corporation as a director, officer, employee or agent of another corporation, partnership, joint venture, trust or other enterprise, against expenses, including attorneys' fees, judgments, fines and amounts paid in settlement actually and reasonably incurred by him in connection with the action, suit or proceeding if he: (a) Is not liable pursuant to NRS 78.138; or (b) Acted in good faith and in a manner which he reasonably believed to be in or not opposed to the best interests of the corporation, and, with respect to any criminal action or proceeding, had no reasonable cause to believe his conduct was unlawful. The termination of any action, suit or proceeding by judgment, order, settlement, conviction or upon a plea of nolo contendere or its equivalent, does not, of itself, create a presumption that the person is liable pursuant to NRS 78.138 or did not act in good faith and in a manner which he reasonably believed to be in or not opposed to the best interests of the corporation, or that, with respect to any criminal action or proceeding, he had reasonable cause to believe that his conduct was unlawful.

(2) A corporation may indemnify any person who was or is a party or is threatened to be made a party to any threatened, pending or completed action or suit by or in the right of the corporation to procure a judgment in its favor by reason of the fact that he is or was a director, officer, employee or agent of the corporation, or is or was serving at the request of the corporation as a director, officer, employee or agent of another corporation, partnership, joint venture, trust or other enterprise against expenses, including amounts paid in settlement and attorneys' fees actually and reasonably incurred by him in connection with the defense or settlement of the action or suit if he: (a) Is not liable pursuant to NRS 78.138; or (b) Acted in good faith and in a manner which he reasonably believed to be in or not opposed to the best interests of the corporation. Indemnification may not be made for any claim, issue or matter as to which such a person has been adjudged by a court of competent jurisdiction, after exhaustion of all appeals therefrom, to be liable to the corporation or for amounts paid in settlement to the corporation, unless and only to the extent that the court in which the action or suit was brought or other court of competent jurisdiction determines upon application that in view of all the circumstances of the case, the person is fairly and reasonably entitled to indemnity for such expenses as the court deems proper.

(3) To the extent that a director, officer, employee or agent of a corporation has been successful on the merits or otherwise in defense of any action, suit or proceeding referred to in subsections 1 and 2, or in defense of any claim, issue or matter therein, the corporation shall indemnify him against expenses, including attorneys' fees, actually and reasonably incurred by him in connection with the defense.

The Nevada Revised Statutes Section 78.751 provides that:

(1) Any discretionary indemnification pursuant to NRS 78.7502, unless ordered by a court or advanced pursuant to Section 78.751 subsection 2; may be made by the corporation only as authorized in the specific case upon a determination that indemnification of the director, officer, employee or agent is proper in the circumstances. The determination must be made: (a) By the stockholders; (b) By the board of directors by majority vote of a quorum consisting of directors who were not parties to the action, suit or proceeding so orders, by independent legal counsel in a written opinion; or (c) If a quorum consisting of directors who were not parties to the action, suit or proceeding cannot be obtained, by independent legal counsel in a written opinion.

(2) The articles of incorporation, the bylaws or an agreement made by the corporation may provide that the expenses of officers and directors incurred in defending a civil or criminal action, suit or proceeding must be paid by the corporation as they are incurred and in advance of the final disposition of the action, suit or proceeding, upon receipt of an undertaking by or on behalf of the director or officer to repay the amount if it is ultimately determined by a court of competent jurisdiction that he is not entitled to be indemnified by the corporation. The provisions of this subsection do not affect any rights to advancement of expenses to which corporate personnel other than directors or officers may be entitled under any contract or otherwise by law.

(3) The indemnification pursuant to NRS 78.7502 and advancement of expenses authorized in or ordered by a court pursuant to this section: (a) Does not exclude any other rights to which a person seeking indemnification or advancement of expenses may be entitled under the articles of incorporation or any bylaw, agreement, vote of stockholders or disinterested directors or otherwise, for either an action in his official capacity or an action in another capacity while holding his office, except that indemnification, unless ordered by a court pursuant to NRS 78.7502 or for the advancement of expenses made pursuant to subsection 2, may not be made to or on behalf of any director or officer if a final adjudication establishes that his acts or omissions involved intentional misconduct, fraud or a knowing violation of the law and was material to the cause of action; and, (b) Continues for a person who has ceased to be a director, officer, employee or agent and inures to the benefit of the heirs, executors and administrators of such a person.

Article X of our Bylaws, as amended, provides that every person who was or is a party or is threatened to be made a party to or is involved in any action, suit, or proceeding, whether civil, criminal, administrative or investigative, by reason of the fact that he or a person of whom he is the legal representative is or was a director or officer of the Company or is or was serving at the request of the Company or for its benefit as a director or officer of another corporation, or as its representative in a partnership, joint venture, trust, or other enterprise shall be indemnified and held harmless to the fullest extent permissible by the Nevada Revised Statutes from time to time against all expenses, liability and loss (including attorneys' fees, judgments, fines, and amounts paid or to be paid in settlement) reasonably incurred or suffered by him in connection therewith, except any expense or payments incurred in connection with any claim or liability established to have arisen out of his own willful misconduct or gross negligence.

Item 15. Recent Sales of Unregistered Securities.

Set forth below is information regarding all of the securities sold by us during the past three years which were not registered under the Securities Act. Except where otherwise indicated, all share and per share data in this Item 15 give retroactive effect to the 1-for-100 reverse stock split of our outstanding common stock effective on March 12, 2024 and the 1-for-250 reverse stock split of our outstanding common stock effective on January 10, 2025, provided that actual amounts may differ due to the rounding of fractional shares in connection with the reverse stock splits.

1. During the quarter ended June 30, 2022, the Company issued an aggregate of 2 shares of common stock (the “Exchange Shares”) to the holder of that certain promissory note of the Company issued on March 18, 2020 (the “March 2020 Note”) at prices between \$318,750 and \$412,500 per share, in each equal to the Minimum Price as defined in Nasdaq Listing Rule 5635(d) in accordance with the terms and conditions of exchange agreements, pursuant to which the Company and the note holder agreed to (i) partition new promissory notes in the form of the March 2020 Note in the aggregate original principal amount of approximately \$0.5 million and then cause the outstanding balance of the March 2020 Note to be reduced by an aggregate of approximately \$0.5 million and (ii) exchange the partitioned notes for the delivery of the Exchange Shares. The offer and sale of the Exchange Shares was not registered under the Securities Act, in reliance on an exemption from registration under Section 3(a)(9) of the Securities Act, in that (a) the Exchange Shares were issued in exchanges for partitioned notes which were other outstanding securities of the Company; (b) there was no additional consideration of value delivered by the note holder in connection with the exchanges and (c) there were no commissions or other remuneration paid by the Company in connection with the exchanges.
2. During the quarter ended September 30, 2022, the Company issued an aggregate of 5 shares of common stock (the “Exchange Shares”) to the holder of the March 2020 Note at prices between \$251,750 and \$294,500 per share, in each equal to the Minimum Price as defined in Nasdaq Listing Rule 5635(d) in accordance with the terms and conditions of exchange agreements, pursuant to which the Company and the note holder agreed to (i) partition new promissory notes in the form of the March 2020 Note in the aggregate original principal amount of approximately \$1.3 million and then cause the outstanding balance of the March 2020 Note to be reduced by an aggregate of approximately \$1.3 million and (ii) exchange the partitioned notes for the delivery of the Exchange Shares. The offer and sale of the Exchange Shares was not registered under the Securities Act, in reliance on an exemption from registration under Section 3(a)(9) of the Securities Act, in that (a) the Exchange Shares were issued in exchanges for partitioned notes which were other outstanding securities of the Company; (b) there was no additional consideration of value delivered by the note holder in connection with the exchanges and (c) there were no commissions or other remuneration paid by the Company in connection with the exchanges.
3. On October 12, 2022, the Company issued 3 shares of common stock in connection with the exercise of the rights to receive shares of common stock granted as part of that certain exchange agreement, dated January 28, 2022, by and between the Company and a holder of certain then outstanding warrants of the Company. The offer and sale of such shares was not registered under the Securities Act in reliance on an exemption from registration under Section 3(a)(9) of the Securities Act, in that (a) the shares of common stock were issued in exchange for outstanding securities of the Company; (b) there was no additional consideration of value delivered in connection with the exchanges; and (c) there were no commissions or other remuneration paid by the Company in connection with the exchanges.
4. On October 17, 2022, the Company issued 4 shares of common stock (the “Exchange Shares”) to the holder of the March 2020 Note at a price of \$119,500 per share, which is equal to the Minimum Price as defined in Nasdaq Listing Rule 5635(d) in accordance with the terms and conditions of an exchange agreement, pursuant to which the Company and the note holder agreed to (i) partition new promissory notes in the form of the March 2020 Note in the original principal amount of \$400,000 and then cause the outstanding balance of the March 2020 Note to be reduced by \$400,000 and (ii) exchange the partitioned note for the delivery of the Exchange Shares. The offer and sale of the Exchange Shares was not registered under the Securities Act, in reliance on an exemption from registration under Section 3(a)(9) of the Securities Act, in that (a) the Exchange Shares were issued in exchange for a partitioned note which was another outstanding security of the Company; (b) there was no additional consideration of value delivered by the note holder in connection with the exchange and (c) there were no commissions or other remuneration paid by the Company in connection with the exchange.

5. On February 28, 2023, the Company entered into warrant amendments (the “Warrant Amendments”) with certain holders (each, including its successors and assigns, a “Holder” and collectively, the “Holders”) of (i) those certain common stock purchase warrants issued by the Company in April 2018 (the “April 2018 Warrants”) pursuant to the registration statement on Form S-3 (File No. 333-204159), (ii) those certain common stock purchase warrants issued by the Company in September 2021 (the “September 2021 Warrants”) pursuant to the registration statement on Form S-3 (File No. 333-256827), and (iii) those certain common stock purchase warrants issued by the Company in March 2022 (the “March 2022 Warrants”) and together with the April 2018 Warrants and the September 2021 Warrants, the “Existing Warrants”) pursuant to the registration statement on Form S-3 (File No. 333-256827). Pursuant to the Warrant Amendments, the Company and the Holders have agreed to amend (i) the September 2021 Warrants and the March 2022 Warrants to provide that all of such outstanding warrants shall be automatically exchanged for shares of common stock, at a rate of 0.33 shares of common stock (the “Exchange Shares”) for each September 2021 Warrant or March 2022 Warrant, as applicable, and (ii) the April 2018 Warrants to remove the obligation of the Company to hold the portion of a Distribution (as defined in the April 2018 Warrants) in abeyance in connection with the Beneficial Ownership Limitation (as defined in the April 2018 Warrants). In connection with the exchange of all of the then outstanding September 2021 Warrants and March 2022 Warrants as of the effective date of the Warrant Amendments, the Company issued 4 Exchange Shares and 10 Exchange Shares, respectively.
6. During the year ended December 31, 2023, the Company issued an aggregate of 25 shares of common stock (the “Exchange Shares”) to the holder of the March 2020 Note at prices between \$27,250 and \$42,000 per share, in each equal to the Minimum Price as defined in Nasdaq Listing Rule 5635(d) in accordance with the terms and conditions of exchange agreements, pursuant to which the Company and the note holder agreed to (i) partition new promissory notes in the form of the March 2020 Note in the aggregate original principal amount of approximately \$0.9 million and then cause the outstanding balance of the March 2020 Note to be reduced by an aggregate of approximately \$0.9 million and (ii) exchange the partitioned notes for the delivery of the Exchange Shares. The offer and sale of the Exchange Shares was not registered under the Securities Act, in reliance on an exemption from registration under Section 3(a)(9) of the Securities Act, in that (a) the Exchange Shares were issued in exchanges for partitioned notes which were other outstanding securities of the Company; (b) there was no additional consideration of value delivered by the note holder in connection with the exchanges and (c) there were no commissions or other remuneration paid by the Company in connection with the exchanges.
7. During the year ended December 31, 2023, the Company issued an aggregate of 1,877 shares of common stock (the “Exchange Shares”) to the holder of that certain promissory note of the Company issued on July 22, 2022 (the “July 2022 Note”) at prices between \$1,390 and \$22,875 per share, in each equal to the Minimum Price as defined in Nasdaq Listing Rule 5635(d) in accordance with the terms and conditions of exchange agreements, pursuant to which the Company and the note holder agreed to (i) partition new promissory notes in the form of the July 2022 Note in the aggregate original principal amount of approximately \$7.6 million and then cause the outstanding balance of the July 2022 Note to be reduced by an aggregate of approximately \$7.6 million and (ii) exchange the partitioned notes for the delivery of the Exchange Shares. The offer and sale of the Exchange Shares was not registered under the Securities Act, in reliance on an exemption from registration under Section 3(a)(9) of the Securities Act, in that (a) the Exchange Shares were issued in exchanges for partitioned notes which were other outstanding securities of the Company; (b) there was no additional consideration of value delivered by the note holder in connection with the exchanges and (c) there were no commissions or other remuneration paid by the Company in connection with the exchanges.

8. The Company issued 520 shares of common stock (the “Exchange Shares”) to the holder of that certain promissory note of the Company issued on December 30, 2022 (the “December 2022 Note”) at a price of \$1,390 per share, which is equal to the Minimum Price as defined in Nasdaq Listing Rule 5635(d) in accordance with the terms and conditions of an exchange agreement, dated December 29, 2023, pursuant to which the Company and the note holder agreed to (i) partition new promissory notes in the form of the December 2022 Note in the original principal amount of \$722,800 and then cause the outstanding balance of the December 2022 Note to be reduced by \$722,800 and (ii) exchange the partitioned note for the delivery of the Exchange Shares. The offer and sale of the Exchange Shares was not registered under the Securities Act, in reliance on an exemption from registration under Section 3(a)(9) of the Securities Act, in that (a) the Exchange Shares were issued in exchange for a partitioned note which was another outstanding security of the Company; (b) there was no additional consideration of value delivered by the note holder in connection with the exchange and (c) there were no commissions or other remuneration paid by the Company in connection with the exchange.
9. On May 15, 2023, the Company entered into a warrant purchase agreement with multiple purchasers for the purchase and sale of warrants (as amended on June 20, 2023, the “May 2023 Warrants”) to purchase up to an aggregate of 6,000 shares of common stock at a purchase price per warrant of \$250. The May 2023 Warrants had an initial exercise price \$6,500, subject to adjustment pursuant to the terms of the May 2023 Warrants with a floor exercise price of \$2,500 per share. Each May 2023 Warrant was immediately exercisable upon issuance for one share of common stock and had a term of exercise of one year from the issuance date, unless extended by the Company with the consent of the warrant holder. The May 2023 Warrants and the shares of common stock issuable upon exercise of the May 2023 Warrants were offered pursuant to the exemption from registration provided in Section 4(a)(2) of the Securities Act and Rule 506 of Regulation D promulgated thereunder. The Company received aggregate gross proceeds from the sale of the May 2023 Warrants of \$1.5 million. Maxim Group LLC (“Maxim”) served as the Company’s exclusive placement agent in connection with the offering of the May 2023 Warrants pursuant to the terms of a placement agency agreement, dated May 15, 2023, by and between the Company and Maxim. Pursuant to the terms of the placement agency agreement, the Company agreed to pay Maxim (i) a cash fee equal to 2.75% of the gross proceeds received by the Company from the sale of the May 2023 Warrants, due at closing, and (ii) a cash fee equal to 5.5% of the gross proceeds received by the Company upon the exercise of May 2023 Warrants for cash, to be paid on a weekly basis during the exercise period of the May 2023 Warrants. The Company also agreed to reimburse Maxim up to \$50,000 for expenses incurred in connection with the offering. The aggregate net proceeds from the offering of the May 2023 Warrants, after deducting placement agent fees and other offering expenses payable by the Company, were approximately \$1.4 million.
10. On December 15, 2023, the Company entered into inducement letter agreements (the “Inducement Agreements”) with certain holders (the “Holders”) of the May 2023 Warrants (the “Existing Warrants”), pursuant to which the Holders exercised an aggregate of 1,965 Existing Warrants for cash at the New Exercise Price (as defined below) and the Company (i) reduced the per share exercise price of the Existing Warrants from \$2,500 to \$1,282.50 per share (the “New Exercise Price”), which is equal to a 30% discount to the average closing price of our common stock (as reflected on Nasdaq.com) for the five trading days prior to the execution of the Inducement Agreements, and (ii) issued the Holders warrants (the “New Warrants”) to purchase up to an aggregate of 1,965 shares of common stock (each Holder received a New Warrant to purchase 100% of the number of shares of common stock issued to such Holder upon exercise of such Holder’s Existing Warrants), exercisable five years from their issuance date with an initial exercise price per share of \$1,831, which was subsequently reduced by the Company to \$1,282.50 in accordance with the terms of the New Warrants. The exercisability of the New Warrants was subject to the receipt of stockholder approval in accordance with the terms of the New Warrants. The New Warrants and the shares of common stock issuable upon exercise of the New Warrants were offered pursuant to the exemption from registration provided in Section 4(a)(2) of the Securities Act and Rule 506 of Regulation D promulgated thereunder. The Company received gross proceeds from the Holders’ exercise of the Existing Warrants of approximately \$2.5 million. The Company engaged Joseph Gunnar & Co., LLC (“Gunnar”) as the exclusive placement agent in connection with the Inducement Agreements pursuant to an engagement agreement, dated December 13, 2023, by and between the Company and Gunnar, and agreed to pay Gunnar a cash fee equal to 5.5% of the aggregate gross proceeds received from the Holders’ exercise of their Existing Warrants and to reimburse Gunnar up to \$25,000 for expenses in connection therewith.

11. On March 12, 2024, the Company and Streeterville Capital, LLC, as the holder of the December 2022 Note, entered into an exchange agreement, pursuant to which the note holder exchanged the remaining balance of principal and accrued interest under the December 2022 Note in the aggregate amount of approximately \$9.8 million for 9,801,521 shares of Series 9 Preferred Stock, based on an exchange price of \$1,000 per share of Series 9 Preferred Stock. Following such exchange and the surrender of the December 2022 Note to the Company, the December 2022 Note was deemed paid in full and was automatically canceled. The issuance of shares of Series 9 Preferred Stock to the note holder was conducted in reliance on an exemption from registration under Section 3(a)(9) of the Securities Act, on the basis that (a) the shares of Series 9 Preferred Stock were issued in exchange for the December 2022 Note issued by the Company; (b) there is no additional consideration being delivered by the Note Holder in connection with the exchange and (c) there are no commissions or other remuneration being paid in connection with the exchange.
12. Following the execution of the XTI Merger Agreement, on July 24, 2023, the David E Brody 2019 Spousal Trust and the Jason S Brody 2019 Trust (collectively, the “Majority Stockholders”), which together on such date owned of record a majority of the voting power of Legacy XTI common stock, delivered a written consent in lieu of a meeting approving the XTI Merger Agreement. The offer and sale of 8,730 shares of our common stock pursuant to the XTI Merger Agreement to the Majority Stockholders at the effective time of the XTI Merger was conducted in reliance on an exemption from registration provided by Section 4(a)(2) of the Securities Act on the basis that such Majority Stockholders are accredited investors and the Company did not engage in any general solicitation in connection with such offer and sale.
13. On March 12, 2024, the Company entered into a securities purchase agreement (the “Securities Purchase Agreement”) with 3AM Investments LLC, an entity controlled by Nadir Ali, the Company’s former Chief Executive Officer and a former director of the Company (“3AM”), pursuant to which 3AM purchased 1,500 shares of Series 9 Preferred Stock for a total purchase price of approximately \$1.5 million, based on a purchase price of \$1,000 per share of Series 9 Preferred Stock. The offer and sale of shares of Series 9 Preferred Stock to 3AM pursuant to the Securities Purchase Agreement was conducted in reliance on an exemption from registration provided by Section 4(a)(2) of the Securities Act on the basis that 3AM is an accredited investor and the Company did not engage in any general solicitation in connection with such offer and sale.
14. From April 2024 through December 31, 2024, the Company entered into exchange agreements with the holder of shares of the Company’s Series 9 Preferred Stock pursuant to which the Company and the holder agreed to exchange 9,790 shares of Series 9 Preferred Stock with an aggregate stated value of \$10,279,500 (the “Preferred Shares”) for 441,391 shares of common stock (the “Preferred Exchange Shares”) at an effective price per share ranging from \$10 to \$740. Upon the issuance by the Company of the Preferred Exchange Shares to the holder, the Preferred Shares were cancelled. The Preferred Exchange Shares were issued in reliance on the exemption from registration provided by Section 3(a)(9) of the Securities Act, on the basis that (a) the Preferred Exchange Shares were issued in exchange for other outstanding securities of the Company; (b) there was no additional consideration delivered by the holder in connection with the exchanges and (c) there were no commissions or other remuneration paid by the Company in connection with the exchanges.
15. On April 30, 2024 and May 1, 2024, the Company entered into exchange agreements with the holders of the May 2023 Warrants (the “Existing Warrants”), which were exercisable for an aggregate of 3,675 shares of common stock. Pursuant to the exchange agreements, the Company issued to the warrant holders 0.70 shares of common stock for each Existing Warrant, for an aggregate of 2,573 shares of common stock, in exchange for the Existing Warrants. Following the consummation of the warrant exchange, the Existing Warrants were cancelled. The shares of common stock issued in exchange for the Existing Warrants were issued in reliance on the exemption from registration provided by Section 3(a)(9) of the Securities Act, on the basis that (a) the shares of common stock were issued in exchange for other outstanding securities of the Company; (b) there was no additional consideration delivered by the warrant holders in connection with the warrant exchange and (c) there were no commissions or other remuneration paid by the Company in connection with the warrant exchange.

16. On May 30, 2024, the Company entered into an exchange agreement with the holder of certain warrants to purchase an aggregate of 771 shares of our common stock (the “Assumed Warrants”), which Assumed Warrants were originally issued by Legacy XTI and assumed by the Company in connection with the XTI Merger. Pursuant to the exchange agreement, the Company issued the warrant holder 462 shares of common stock in exchange for the Assumed Warrants. Following the consummation of the warrant exchange, the Assumed Warrants were cancelled. The shares of common stock issued in exchange for the Assumed Warrants were issued in reliance on the exemption from registration provided by Section 3(a)(9) of the Securities Act, on the basis that (a) the shares of common stock were issued in exchange for other outstanding securities of the Company; (b) there was no additional consideration delivered by the warrant holder in connection with the warrant exchange and (c) there were no commissions or other remuneration paid by the Company in connection with the warrant exchange.
17. On June 12, 2024 and June 13, 2024, the Company entered into exchange agreements with the holders of certain existing warrants of the Company (the “Existing Warrants”) initially issued on December 19, 2023, which were exercisable for an aggregate of 1,965 shares of common stock. Pursuant to the exchange agreements, the Company issued to the warrant holders 1.5 shares of common stock for each Existing Warrant (rounded up to the nearest whole share), for an aggregate of 2,935 shares of common stock, in exchange for the Existing Warrants. Following the consummation of the warrant exchange, the Existing Warrants were cancelled. The shares of common stock issued in exchange for the Existing Warrants were issued in reliance on the exemption from registration provided by Section 3(a)(9) of the Securities Act, on the basis that (a) the shares of common stock were issued in exchange for other outstanding securities of the Company; (b) there was no additional consideration delivered by the warrant holders in connection with the warrant exchange and (c) there were no commissions or other remuneration paid by the Company in connection with the warrant exchange.
18. On June 6, 2024, the Company entered into a consulting agreement with a third party consultant, pursuant to which the Company issued 1,238 shares of restricted common stock to the consultant (the “First Consultant Shares”) in consideration for marketing and distribution services agreed to be rendered to the Company pursuant to the agreement. On June 7, 2024, the Company entered into a consulting agreement with a separate third party consultant, pursuant to which the Company issued 480 shares of restricted common stock to the consultant (such shares together with the First Consultant Shares, the “Consultant Shares”) in consideration for business development consulting services agreed to be rendered to the Company pursuant to the agreement. The Consultant Shares were issued pursuant to an exemption from registration provided by Section 4(a)(2) and/or Rule 506 of Regulation D of the Securities Act because such issuances did not involve a public offering, the recipients took the securities for investment and not resale, the Company took appropriate measures to restrict transfer, and the recipients are sophisticated investors.
19. On July 31, 2024, the Company entered into an advisory agreement with a third party advisor, pursuant to which the Company issued 4,000 shares of restricted common stock to the advisor’s designees (the “Advisor Shares”) in consideration for financial advisory and business development services agreed to be rendered to the Company pursuant to the agreement. The Advisor Shares were issued pursuant to an exemption from registration provided by Section 4(a)(2) and/or Rule 506 of Regulation D of the Securities Act because such issuances did not involve a public offering, the recipients took the securities for investment and not resale, the Company took appropriate measures to restrict transfer, and the recipients are sophisticated investors.

20. In February 2025 and March 2025, the Company issued an aggregate of 240,229 shares of common stock (the “Exchange Shares”) to Streeterville Capital, LLC, the holder of that certain secured promissory note of the Company issued on May 1, 2024 (the “Original Note”), at prices between \$2.48 and \$4.21 per share, in each case equal to the Minimum Price as defined in Nasdaq Listing Rule 5635(d) in accordance with the terms and conditions of exchange agreements, pursuant to which the Company and the note holder agreed to (i) partition new secured promissory notes in the form of the Original Note in the aggregate original principal amount of \$750,000 and then cause the outstanding balance of the Original Note to be reduced by an aggregate of \$750,000 and (ii) exchange the partitioned notes for the delivery of the Exchange Shares. The offer and sale of the Exchange Shares was not registered under the Securities Act, in reliance on an exemption from registration under Section 3(a)(9) of the Securities Act, in that (a) the Exchange Shares were issued in exchanges for partitioned notes which were other outstanding securities of the Company; (b) there was no additional consideration of value delivered by the note holder in connection with the exchanges and (c) there were no commissions or other remuneration paid by the Company in connection with the exchanges.
21. On February 1, 2025, the Company entered into a public relations and branding agreement with a public relations firm (the “PR Firm”), pursuant to which the Company agreed to issue to the PR Firm, as partial compensation for public relations services, 25,000 unregistered shares of common stock (the “PR Firm Shares”), subject to the approval of the Company’s board of directors. On March 7, 2025, the Company entered into an investor relations agreement with an investor relations firm (the “IR Firm”), pursuant to which the Company agreed to issue to the IR Firm, as partial compensation for investor relations services, 8,500 unregistered shares of common stock (the “IR Firm Shares” and collectively with the PR Firm Shares, the “Shares”), subject to the approval of the Company’s board of directors. Subject to the approval of the Company’s board of directors, the Shares will be issued in reliance on an exemption from registration provided by Section 4(a)(2) and/or Rule 506 of Regulation D of the Securities Act. The issuances of such Shares do not involve a public offering or general solicitation or general advertising. The PR Firm and the IR Firm each acknowledged that it had access to all relevant information needed to make its investment decision, and that it possesses sufficient knowledge and experience in financial and business matters so as to be capable of assessing the merits and risks of its investment in the PR Firm Shares and the IR Firm Shares, as applicable. The Shares will be subject to transfer restrictions, and the book-entry records evidencing the Shares will contain an appropriate legend stating that such Shares have not been registered under the Securities Act and may not be offered or sold absent registration or pursuant to an exemption therefrom.
22. On May 13, 2025, the Company entered into an advisory agreement with a third party advisor, pursuant to which the Company issued 125,000 shares of restricted common stock to the advisor’s designees (the “Advisor Shares”) in consideration for financial advisory and business development services agreed to be rendered to the Company pursuant to the agreement. The Advisor Shares were issued pursuant to an exemption from registration provided by Section 4(a)(2) and/or Rule 506 of Regulation D of the Securities Act because such issuances did not involve a public offering, the recipients took the securities for investment and not resale, the Company took appropriate measures to restrict transfer, and the recipients are sophisticated investors.

Item 16. Exhibits and Financial Statement Schedules.

The following exhibits to this registration statement included in the Index to Exhibits are incorporated by reference.

INDEX TO EXHIBITS

1.1*	<u>Form of Underwriting Agreement by and between XTI Aerospace, Inc. and ThinkEquity LLC</u>
2.1†	<u>Agreement and Plan of Merger, dated July 24, 2023, among Inpixon, Superfly Merger Sub Inc. and XTI Aircraft Company (incorporated by reference to Exhibit 2.1 to our Current Report on Form 8-K filed with the SEC on July 25, 2023)</u>
2.2	<u>First Amendment to Merger Agreement, dated December 30, 2023, by and between Inpixon, Superfly Merger Sub Inc. and XTI Aircraft Company (incorporated by reference to Exhibit 2.26 to our Annual Report on Form 10-K filed with the SEC on April 16, 2024)</u>
2.3†	<u>Second Amendment to Merger Agreement, dated March 12, 2024, by and between Inpixon, Superfly Merger Sub Inc. and XTI Aircraft Company (incorporated by reference to Exhibit 10.1 to our Current Report on Form 8-K filed with the SEC on March 15, 2024)</u>
3.1	<u>Restated Articles of Incorporation (incorporated by reference to Exhibit 3.1 to our Registration Statement on Form S-1 filed with the SEC on August 12, 2013)</u>
3.2	<u>Certificate of Amendment to Articles of Incorporation (Increase Authorized Shares) (incorporated by reference to Exhibit 3.2 to our Registration Statement on Form S-1 filed with the SEC on May 22, 2017)</u>
3.3	<u>Certificate of Amendment to Articles of Incorporation (Reverse Split) (incorporated by reference to Exhibit 3.1 to our Current Report on Form 8-K filed with the SEC on April 10, 2014)</u>
3.4	<u>Articles of Merger (renamed Sysorex Global) (incorporated by reference to Exhibit 3.1 to our Current Report on Form 8-K filed with the SEC on December 18, 2015)</u>
3.5	<u>Articles of Merger (renamed Inpixon) (incorporated by reference to Exhibit 3.1 to our Current Report on Form 8-K filed with the SEC on March 1, 2017)</u>
3.6	<u>Certificate of Amendment to Articles of Incorporation (Reverse Split) (incorporated by reference to Exhibit 3.2 to our Current Report on Form 8-K filed with the SEC on March 1, 2017)</u>
3.7	<u>Certificate of Amendment to Articles of Incorporation (authorized share increase) (incorporated by reference to Exhibit 3.1 to our Current Report on Form 8-K filed with the SEC on February 5, 2018)</u>
3.8	<u>Certificate of Amendment to Articles of Incorporation (Reverse Split) (incorporated by reference to Exhibit 3.1 to our Current Report on Form 8-K filed with the SEC on February 6, 2018)</u>
3.9	<u>Form of Certificate of Designation of Preferences, Rights and Limitations of Series 4 Convertible Preferred Stock (incorporated by reference to Exhibit 3.1 to our Current Report on Form 8-K filed with the SEC on April 24, 2018)</u>
3.10	<u>Certificate of Amendment to Articles of Incorporation (Reverse Split) (incorporated by reference to Exhibit 3.1 to our Current Report on Form 8-K filed with the SEC on November 1, 2018)</u>
3.11	<u>Certificate of Designation of Series 5 Convertible Preferred Stock, dated as of January 14, 2019 (incorporated by reference to Exhibit 3.1 to our Current Report on Form 8-K filed with the SEC on January 15, 2019)</u>
3.12	<u>Certificate of Amendment to Articles of Incorporation, effective as of January 7, 2020 (Reverse Split) (incorporated by reference to Exhibit 3.1 to our Current Report on Form 8-K filed with the SEC on January 7, 2020)</u>
3.13	<u>Certificate of Amendment to the Articles of Incorporation increasing the number of authorized shares of Common Stock from 250,000,000 to 2,000,000,000 filed with the Secretary of State of the State of Nevada on November 18, 2021 (incorporated by reference to Exhibit 3.1 to our Current Report on Form 8-K filed with the SEC on November 19, 2021)</u>

3.14	<u>Certificate of Change filed with the Secretary of State of the State of Nevada on October 4, 2022 (effective as of October 7, 2022) (incorporated by reference to Exhibit 3.1 to our Current Report on Form 8-K filed with the SEC on October 6, 2022)</u>
3.15	<u>Certificate of Amendment to the Articles of Incorporation increasing the number of authorized shares of Common Stock from 26,666,667 to 500,000,000 filed with the Secretary of State of the State of Nevada on November 29, 2022 (incorporated by reference to Exhibit 3.1 to our Current Report on Form 8-K filed with the SEC on December 2, 2022)</u>
3.16	<u>Certificate of Amendment (Reverse Stock Split) (incorporated by reference to Exhibit 3.2 to our Current Report on Form 8-K filed with the SEC on March 15, 2024)</u>
3.17	<u>Certificate of Amendment (Name Change) (incorporated by reference to Exhibit 3.3 to our Current Report on Form 8-K filed with the SEC on March 15, 2024)</u>
3.18	<u>Certificate of Amendment to Articles of Incorporation, effective as of January 10, 2025 (incorporated by reference to Exhibit 3.1 to our Current Report on Form 8-K filed with the SEC on January 10, 2025)</u>
3.19	<u>Bylaws, as amended (incorporated by reference to Exhibit 3.2 to our Registration Statement on Form S-1 filed with the SEC on August 12, 2013)</u>
3.20	<u>Bylaws Amendment (incorporated by reference to Exhibit 3.2 to our Current Report on Form 8-K filed with the SEC on September 13, 2021)</u>
3.21	<u>By-Laws Amendment No. 3 (incorporated by reference to Exhibit 3.1 to our Current Report on Form 8-K filed with the SEC on September 19, 2023)</u>
3.22	<u>By-Laws Amendment No. 4 (incorporated by reference to Exhibit 3.2 to our Current Report on Form 8-K filed with the SEC on September 19, 2023)</u>
3.23	<u>By-Laws Amendment (incorporated by reference to Exhibit 3.4 to our Current Report on Form 8-K filed with the SEC on March 15, 2024)</u>
4.1	<u>Specimen Stock Certificate of the Company (incorporated by reference to Exhibit 4.1 to our Annual Report on Form 10-K filed with the SEC on April 15, 2025)</u>
4.2	<u>Form of Purchase Warrants (incorporated by reference to Exhibit 4.1 to our Current Report on Form 8-K filed with the SEC on October 20, 2022)</u>
4.3	<u>Form of Warrant initially issued by XTI Aircraft Company and assumed by the Registrant (incorporated by reference to Exhibit 4.27 to our Annual Report on Form 10-K filed with the SEC on April 16, 2024)</u>
4.4	<u>Form of Warrant initially issued by XTI Aircraft Company and assumed by the Registrant (incorporated by reference to Exhibit 4.28 to our Annual Report on Form 10-K filed with the SEC on April 16, 2024)</u>
4.5	<u>Form of Warrant initially issued by XTI Aircraft Company and assumed by the Registrant (incorporated by reference to Exhibit 4.6 to our Annual Report on Form 10-K filed with the SEC on April 15, 2025)</u>
4.6	<u>Form of Warrant initially issued by XTI Aircraft Company and assumed by the Registrant (incorporated by reference to Exhibit 4.30 to our Annual Report on Form 10-K filed with the SEC on April 16, 2024)</u>
4.7	<u>Form of Amendment No. 2 to Warrant initially issued by XTI Aircraft Company and assumed by the Registrant (incorporated by reference to Exhibit 4.8 to our Annual Report on Form 10-K filed with the SEC on April 15, 2025)</u>

4.8	<u>Form of Placement Agent Warrant (incorporated by reference to Exhibit 4.1 to our Current Report on Form 8-K filed with the SEC on January 10, 2025)</u>
4.9	<u>Form of Pre-funded Warrant (incorporated by reference to Exhibit 4.1 to our Current Report on Form 8-K filed with the SEC on March 31, 2025)</u>
4.10	<u>Form of Common Warrant (incorporated by reference to Exhibit 4.2 to our Current Report on Form 8-K filed with the SEC on March 31, 2025)</u>
4.11	<u>Form of Representative's Warrant (incorporated by reference to Exhibit 4.3 to our Current Report on Form 8-K filed with the SEC on March 31, 2025)</u>
4.12*	<u>Form of Pre-funded Warrant</u>
4.13*	<u>Form of Representative's Warrant</u>
5.1*	<u>Opinion of Mitchell Silberberg & Knupp LLP</u>
10.1+	<u>Amended and Restated 2011 Employee Stock Incentive Plan (incorporated by reference to Exhibit 10.22 to our Registration Statement on Form S-8 filed with the SEC on May 2, 2014)</u>
10.2+	<u>Form of Incentive Stock Option Agreement (incorporated by reference to Exhibit 10.9 to our Current Report on Form 8-K filed with the SEC on October 27, 2014)</u>
10.3+	<u>Form of Non-Qualified Stock Option Agreement (incorporated by reference to Exhibit 10.5 to our Current Report on Form 8-K filed with the SEC on October 27, 2014)</u>
10.4+	<u>Form of Restricted Stock Award Agreement (incorporated by reference to Exhibit 10.6 to our Current Report on Form 8-K filed with the SEC on October 27, 2014)</u>
10.5+	<u>2018 Employee Stock Incentive Plan, as amended (incorporated by reference to Exhibit 99.1 to our Registration Statement on Form S-8 filed with the SEC on November 1, 2019)</u>
10.6+	<u>2018 Employee Stock Incentive Plan Form of Incentive Stock Option Agreement (incorporated by reference to Exhibit 10.8 to our Annual Report on Form 10-K filed with the SEC on March 31, 2021)</u>
10.7+	<u>2018 Employee Stock Incentive Plan Form of Non-Qualified Stock Option Agreement (incorporated by reference to Exhibit 10.7 to our Annual Report on Form 10-K filed with the SEC on March 31, 2021)</u>
10.8+	<u>2018 Employee Stock Incentive Plan Form of Restricted Stock Award Agreement (incorporated by reference to Exhibit 10.6 to our Annual Report on Form 10-K filed with the SEC on March 31, 2021)</u>
10.9+	<u>Employment Agreement dated November 4, 2016, by and between Sysorex USA and Soumya Das (incorporated by reference to Exhibit 10.51 to our Annual Report on Form 10-K filed with the SEC on April 17, 2017)</u>
10.10+	<u>Amendment to Employment Agreement dated August 31, 2018 among Inpixon, Sysorex, Inc. and Soumya Das (incorporated by reference to Exhibit 10.8 to our Current Report on Form 8-K filed with the SEC on September 4, 2018)</u>
10.11+	<u>Waiver and Amendment No. 1 to Board of Directors Services Agreement with Kareem M. Irfan dated February 4, 2019 (incorporated by reference to Exhibit 10.11 to our Annual Report on Form 10-K filed with the SEC on March 28, 2019)</u>

10.12†	<u>Patent Assignment and License-Back Agreement, dated June 27, 2019, by and between Inpixon and GTX Corp. (incorporated by reference to Exhibit 10.1 to our Current Report on Form 8-K filed with the SEC on July 1, 2019)</u>
10.13†	<u>Patent License Agreement, dated June 27, 2019, by and between Inpixon and Inventergy (incorporated by reference to Exhibit 10.4 to our Current Report on Form 8-K filed with the SEC on July 1, 2019)</u>
10.14†	<u>Patent License Agreement, dated June 27, 2019, by and between Inpixon and GTX Corp. (incorporated by reference to Exhibit 10.2 to our Current Report on Form 8-K filed with the SEC on July 1, 2019)</u>
10.15†	<u>Exclusive Software License and Distribution Agreement, dated as of June 19, 2020, by and among Inpixon, Cranes Software International Ltd., and Systat Software, Inc. (incorporated by reference to Exhibit 10.1 to our Current Report on Form 8-K filed with the SEC on June 22, 2020)</u>
10.16	<u>Amendment and Waiver to Exclusive Software License & Distribution Agreement, dated as of June 30, 2020, by and among Inpixon, Cranes Software International Ltd., and Systat Software, Inc. (incorporated by reference to Exhibit 10.1 to our Current Report on Form 8-K filed with the SEC on July 2, 2020)</u>
10.17+	<u>Amendment No. 4 to Inpixon 2018 Employee Stock Incentive Plan (incorporated by reference to Exhibit 10.7 to our Quarterly Report on Form 10-Q filed with the SEC on August 14, 2020)</u>
10.18+	<u>Amendment to the Inpixon 2018 Employee Stock Incentive Plan (incorporated by reference to Exhibit 10.1 to our Current Report on Form 8-K filed with the SEC on November 19, 2021)</u>
10.19+	<u>Amendment No. 2 to Board of Directors Services Agreement, dated as of May 16, 2022, between Inpixon and Kareem M. Irfan (incorporated by reference to Exhibit 10.1 to our Quarterly Report on Form 10-Q filed with the SEC on November 14, 2022)</u>
10.20	<u>Amendment to the Inpixon 2018 Employee Stock Incentive Plan (incorporated by reference to Exhibit 10.1 to our Current Report on Form 8-K filed with the SEC on December 2, 2022)</u>
10.21†	<u>Employee Matters Agreement, dated March 14, 2023, by and among KINS, KINS Merger Sub Inc., Inpixon, and Legacy CXApp (incorporated by reference to Exhibit 10.1 to our Current Report on Form 8-K filed with the SEC on March 20, 2023)</u>
10.22	<u>Tax Matters Agreement, dated March 14, 2023, by and among KINS, Inpixon, and Legacy CXApp (incorporated by reference to Exhibit 10.2 to our Current Report on Form 8-K filed with the SEC on March 20, 2023)</u>
10.23†	<u>Transition Services Agreement, dated March 14, 2023, by and between Inpixon and Legacy CXApp (incorporated by reference to Exhibit 10.3 to our Current Report on Form 8-K filed with the SEC on March 20, 2023)</u>
10.24	<u>XTI Amended and Restated Senior Secured Note with Loan Schedule (incorporated by reference to Exhibit 10.23 to our Quarterly Report on Form 10-Q filed with the SEC on November 20, 2023)</u>
10.25	<u>Form of Security and Pledge Agreement (incorporated by reference to Exhibit 10.2 to our Current Report on Form 8-K filed with the SEC on July 25, 2023)</u>
10.26	<u>Form of Securities Purchase Agreement by and between Damon Motors Inc. and Inpixon (incorporated by reference to Exhibit 10.1 to our Current Report on Form 8-K filed with the SEC on October 23, 2023)</u>
10.27	<u>Form of Common Share Purchase Warrant to be issued by Damon Motors Inc. to Inpixon (incorporated by reference to Exhibit 10.3 to our Current Report on Form 8-K filed with the SEC on October 23, 2023)</u>

10.28	<u>Form of Lockup Agreement by and among Graffiti Holding Inc., Damon Motors and certain securityholders who are insiders (incorporated by reference to Exhibit 10.5 to our Current Report on Form 8-K filed with the SEC on October 23, 2023)</u>
10.29	<u>Form of Lockup Agreement by and among Graffiti Holding Inc., Damon Motors and certain securityholders who are not insiders (incorporated by reference to Exhibit 10.6 to our Current Report on Form 8-K filed with the SEC on October 23, 2023)</u>
10.30	<u>First Amendment to Senior Secured Promissory Note, dated as of December 30, 2023, by and between Inpixon and XTI Aircraft Company (incorporated by reference to Exhibit 10.3 to our Current Report on Form 8-K filed with the SEC on January 3, 2024)</u>
10.31	<u>Second Amendment to Senior Secured Promissory Note, dated as of February 2, 2024, by and between Inpixon and XTI Aircraft Company (incorporated by reference to Exhibit 10.1 to our Current Report on Form 8-K filed with the SEC on February 5, 2024)</u>
10.32	<u>Form of Indemnification Agreement (incorporated by reference to Exhibit 10.4 to our Current Report on Form 8-K filed with the SEC on March 15, 2024)</u>
10.33†#	<u>Aircraft Purchase Agreement, dated February 2, 2022, among XTI Aircraft Company, Mesa Airlines, Inc. and Mesa Air Group, Inc. (incorporated by reference to Exhibit 10.55 to our Annual Report on Form 10-K filed with the SEC on April 15, 2025)</u>
10.34+	<u>Employment Agreement, dated May 6, 2024, by and between XTI Aerospace, Inc. and Scott Pomeroy (incorporated by reference to Exhibit 10.1 to our Current Report on Form 8-K filed with the SEC on May 10, 2024)</u>
10.35+	<u>Employment Agreement, dated May 8, 2024, by and between XTI Aerospace, Inc. and Brooke Turk (incorporated by reference to Exhibit 10.2 to our Current Report on Form 8-K filed with the SEC on May 10, 2024)</u>
10.36+	<u>Tensie Axton Offer Letter (incorporated by reference to Exhibit 10.1 to our Current Report on Form 8-K filed with the SEC on May 15, 2024)</u>
10.37+	<u>Non-Employee Director Compensation Policy (incorporated by reference to Exhibit 10.3 to our Current Report on Form 8-K filed with the SEC on May 15, 2024)</u>
10.38	<u>Letter Agreement, signed June 18, 2024, by and between Damon Motors Inc. and XTI Aerospace, Inc. (incorporated by reference to Exhibit 10.1 to our Current Report on Form 8-K filed with the SEC on June 24, 2024)</u>
10.39†	<u>Capital Collation and Distribution Agreement, dated as of dated June 28, 2024, by and among XTI Aerospace, Inc., FC Imperial Limited, PIC IHC LLP and a Global Administrative Service Provider (incorporated by reference to Exhibit 10.1 to our Current Report on Form 8-K filed with the SEC on July 1, 2024)</u>
10.40+	<u>Employment Agreement, dated September 19, 2024, by and between XTI Aerospace, Inc. and Tobin Arthur (incorporated by reference to Exhibit 10.1 to our Current Report on Form 8-K filed with the SEC on September 23, 2024)</u>
10.41	<u>Placement Agency Agreement, dated January 7, 2025, by and between XTI Aerospace, Inc. and ThinkEquity LLC (incorporated by reference to Exhibit 10.1 to our Current Report on Form 8-K filed with the SEC on January 10, 2025)</u>

10.42	Settlement Agreement, dated March 27, 2025, by and between XTI Aerospace Inc., 3AM Investments LLC, Grafiti Group LLC, and Nadir Ali (incorporated by reference to Exhibit 10.1 to our Current Report on Form 8-K filed with the SEC on March 28, 2025)
10.43	Form of Lock-Up Agreement (incorporated by reference to Exhibit 10.1 to our Current Report on Form 8-K filed with the SEC on March 31, 2025)
16.1	Letter from Marcum LLP to the SEC, dated March 27, 2025 (incorporated by reference to Exhibit 16.1 to our Current Report on Form 8-K filed with the SEC on March 27, 2025)
21.1	List of Subsidiaries (incorporated by reference to Exhibit 21.1 to our Annual Report on Form 10-K filed with the SEC on April 15, 2025)
23.1*	Consent of Marcum LLP (XTI Aerospace, Inc.)
23.2*	Consent of Marcum LLP (XTI Aircraft Company)
23.3*	Consent of Mitchell Silberberg & Knupp LLP (included in Exhibit 5.1)
24.1*	Power of Attorney (included on the signature page)
107*	Filing Fee Table

+ Indicates a management contract or compensatory plan or arrangement.

* Filed herewith.

† Certain schedules and exhibits to this agreement have been omitted pursuant to Item 601(a)(5) of Regulation S-K. A copy of any omitted exhibit or schedule will be furnished supplementally to the SEC or its staff upon request.

Certain confidential portions of this Exhibit were omitted by means of marking such portions with brackets (“[****]”) because the identified confidential portions (i) are not material and (ii) would be competitively harmful if publicly disclosed.

Item 17. Undertakings.

(1) The undersigned registrant hereby undertakes:

(a) to file, during any period in which offers or sales are being made, a post-effective amendment to this registration statement:

(i) to include any prospectus required by Section 10(a)(3) of the Securities Act;

(ii) to reflect in the prospectus any facts or events arising after the effective date of the registration statement (or the most recent post-effective amendment thereof) which, individually or in the aggregate, represent a fundamental change in the information set forth in the registration statement. Notwithstanding the foregoing, any increase or decrease in volume of securities offered (if the total dollar value of securities offered would not exceed that which was registered) and any deviation from the low or high end of the estimated maximum offering range may be reflected in the form of prospectus filed with the Commission pursuant to Rule 424(b) (§ 230.424(b) of this chapter) if, in the aggregate, the changes in volume and price represent no more than 20% change in the maximum aggregate offering price set forth in the “Calculation of Filing Fee Tables” or “Calculation of Registration Fee” table, as applicable, in the effective registration statement; and

(iii) to include any material information with respect to the plan of distribution not previously disclosed in the registration statement or any material change to such information in the registration statement; *provided, however*, that paragraphs (1)(a)(i), (1)(a)(ii), and (1)(a)(iii) above do not apply if the information required to be included in a post-effective amendment by those paragraphs is contained in reports filed with or furnished to the SEC by the registrant pursuant to Section 13 or Section 15(d) of the Exchange Act that are incorporated by reference in the registration statement.

(b) that, for the purpose of determining any liability under the Securities Act, each such post-effective amendment shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial *bona fide* offering thereof;

(c) to remove from registration by means of a post-effective amendment any of the securities being registered which remain unsold at the termination of the offering;

(d) that, for the purpose of determining liability under the Securities Act to any purchaser, each prospectus filed pursuant to Rule 424(b) as part of a registration statement relating to an offering, other than registration statements relying on Rule 430B or other than prospectuses filed in reliance on Rule 430A, shall be deemed to be part of and included in the registration statement as of the date it is first used after effectiveness. *Provided, however*, that no statement made in a registration statement or prospectus that is part of the registration statement or made in a document incorporated or deemed incorporated by reference into the registration statement or prospectus that is part of the registration statement will, as to a purchaser with a time of contract of sale prior to such first use, supersede or modify any statement that was made in the registration statement or prospectus that was part of the registration statement or made in any such document immediately prior to such date of first use.

(e) that, for purposes of determining any liability under the Securities Act to any purchaser in the initial distribution of the securities, the undersigned registrant undertakes that in a primary offering of securities of the undersigned registrant pursuant to this registration statement, regardless of the underwriting method used to sell the securities to the purchaser, if the securities are offered or sold to such purchaser by means of any of the following communications, the undersigned registrant will be a seller to the purchaser and will be considered to offer or sell such securities to such purchaser:

(i) any preliminary prospectus or prospectus of the undersigned registrant relating to the offering required to be filed pursuant to Rule 424;

(ii) any free writing prospectus relating to the offering prepared by or on behalf of the undersigned registrant or used or referred to by the undersigned registrant;

(iii) the portion of any other free writing prospectus relating to the offering containing material information about the undersigned registrant or its securities provided by or on behalf of an undersigned registrant; and

(iv) any other communication that is an offer in the offering made by the undersigned registrant to the purchaser.

(f) insofar as indemnification for liabilities arising under the Securities Act may be permitted to directors, officers, and controlling persons of the registrant pursuant to the foregoing provisions, or otherwise, the registrant has been advised that in the opinion of the SEC, such indemnification is against public policy as expressed in the Securities Act and is, therefore, unenforceable. In the event that a claim for indemnification against such liabilities (other than the payment by the registrant of expenses incurred or paid by a director, officer, or controlling person of the registrant in the successful defense of any action, suit, or proceeding) is asserted by such director, officer, or controlling person in connection with the securities being registered, the registrant will, unless in the opinion of its counsel the matter has been settled by controlling precedent, submit to a court of appropriate jurisdiction the question whether such indemnification by it is against public policy as expressed in the Securities Act and will be governed by the final adjudication of such issue. (e) that, for purposes of determining any liability under the Securities Act to any purchaser in the initial distribution of the securities, the undersigned registrant undertakes that in a primary offering of securities of the undersigned registrant pursuant to this registration statement, regardless of the underwriting method used to sell the securities to the purchaser, if the securities are offered or sold to such purchaser by means of any of the following communications, the undersigned registrant will be a seller to the purchaser and will be considered to offer or sell such securities to such purchaser:

(i) any preliminary prospectus or prospectus of the undersigned registrant relating to the offering required to be filed pursuant to Rule 424;

(ii) any free writing prospectus relating to the offering prepared by or on behalf of the undersigned registrant or used or referred to by the undersigned registrant;

(iii) the portion of any other free writing prospectus relating to the offering containing material information about the undersigned registrant or its securities provided by or on behalf of an undersigned registrant; and

(iv) any other communication that is an offer in the offering made by the undersigned registrant to the purchaser.

Insofar as indemnification for liabilities arising under the Securities Act may be permitted to directors, officers, and controlling persons of the registrant pursuant to the foregoing provisions, or otherwise, the registrant has been advised that in the opinion of the SEC, such indemnification is against public policy as expressed in the Securities Act and is, therefore, unenforceable. In the event that a claim for indemnification against such liabilities (other than the payment by the registrant of expenses incurred or paid by a director, officer, or controlling person of the registrant in the successful defense of any action, suit, or proceeding) is asserted by such director, officer, or controlling person in connection with the securities being registered, the registrant will, unless in the opinion of its counsel the matter has been settled by controlling precedent, submit to a court of appropriate jurisdiction the question whether such indemnification by it is against public policy as expressed in the Securities Act and will be governed by the final adjudication of such issue.

SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, the registrant has duly caused this registration statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Englewood, State of Colorado, on the 12th day of June 2025.

XTI AEROSPACE, INC.

By: /s/ Scott Pomeroy
Name: Scott Pomeroy
Title: Chief Executive Officer

POWER OF ATTORNEY

KNOW ALL BY THESE PRESENTS, that each person whose signature appears below constitutes and appoints Scott Pomeroy and Brooke Turk, and each of them, either of whom may act without the joinder of the other, as his or her true and lawful attorney-in-fact and agent, with the full power of substitution, for him or her and in his or her name, place or stead, in any and all capacities, to sign any and all amendments to this registration statement (including post-effective amendments), and to sign any registration statement for the same offering covered by this registration statement that is to be effective upon filing pursuant to Rule 462(b) promulgated under the Securities Act, and all post-effective amendments thereto, and to file the same, with exhibits thereto and other documents in connection therewith, with the SEC, granting unto said attorney-in-fact and agent full power and authority to do and perform each and every act and thing requisite and necessary to be done in and about the premises, as fully to all intents and purposes as he or she might or could do in person, hereby ratifying and confirming all that said attorney-in-fact and agent, or his or her substitute or substitutes, may lawfully do or cause to be done by virtue hereof.

Pursuant to the requirements of the Securities Act, this registration statement has been signed by the following persons in the capacities and on the dates indicated.

<u>Signature</u>	<u>Title</u>	<u>Date</u>
<u>/s/ Scott Pomeroy</u> Scott Pomeroy	Chief Executive Officer, Chairman and Director (Principal Executive Officer)	June 12, 2025
<u>/s/ Brooke Turk</u> Brooke Turk	Chief Financial Officer (Principal Financial and Accounting Officer)	June 12, 2025
<u>/s/ Tensie Axton</u> Tensie Axton	Director	June 12, 2025
<u>/s/ David Brody</u> David Brody	Director	June 12, 2025
<u>/s/ Soumya Das</u> Soumya Das	Director	June 12, 2025
<u>/s/ Kareem Irfan</u> Kareem Irfan	Director	June 12, 2025

UNDERWRITING AGREEMENT

between

XTI AEROSPACE, INC.

and

THINKEQUITY LLC

as Representative of the Several Underwriters

XTI AEROSPACE, INC.

UNDERWRITING AGREEMENT

New York, New York
[●], 2025

ThinkEquity LLC

As Representative of the several Underwriters named on Schedule 1 attached hereto

17 State Street, 41st Fl

New York, NY 10004

Ladies and Gentlemen:

The undersigned, XTI Aerospace, Inc., a corporation formed under the laws of the State of Nevada (collectively with its subsidiaries and affiliates, including, without limitation, all entities disclosed or described in the Registration Statement (as hereinafter defined) as being subsidiaries or affiliates of the “**Company**”), hereby confirms its agreement (this “**Agreement**”) with ThinkEquity LLC (hereinafter referred to as “**you**” (including its correlatives) or the “**Representative**”) and with the other underwriters named on Schedule 1 hereto for which the Representative is acting as representative (the Representative and such other underwriters being collectively called the “**Underwriters**” or, individually, an “**Underwriter**”) as follows:

1. Purchase and Sale of Shares.

1.1 Firm Securities.

1.1.1. Nature and Purchase of Firm Shares.

(i) On the basis of the representations and warranties herein contained, but subject to the terms and conditions herein set forth, the Company agrees to issue and sell to the several Underwriters, an aggregate of [●] shares (the “**Firm Shares**”) of the Company’s common stock, par value \$0.001 per share (the “**Common Stock**”), and [●] pre-funded warrants (each, a “**Firm Pre-Funded Warrant**”, and in the aggregate, the “**Firm Pre-Funded Warrants**”) to purchase one share of Common Stock at an exercise price of \$0.001 per share (the “**Pre-Funded Warrant Shares**”) until such time as the Pre-Funded Warrants are exercised in full, subject to adjustment as provided in the Firm Pre-Funded Warrants.

(ii) The Underwriters, severally and not jointly, agree to purchase from the Company the number of Firm Shares and Firm Pre-Funded Warrants set forth opposite their respective names on Schedule 1 attached hereto and made a part hereof at a purchase price of \$[●] per Firm Share (93.0% of the per Firm Share offering price), \$[●] per Firm Pre-Funded Warrant (93.0% of the per Firm Pre-funded Warrant offering price less \$0.001). The Firm Shares and the Firm Pre-Funded Warrants (collectively, the “**Firm Securities**”) are to be offered initially to the public at the offering price set forth on the cover page of the Prospectus (as defined in Section 2.1.1 hereof).

1.1.2. Shares Payment and Delivery.

(i) Delivery and payment for the Firm Securities shall be made at 10:00 a.m., Eastern time, on the first (1st) Business Day following the date hereof (or the second (2nd) Business Day following the date hereof after 4:01 p.m., Eastern time) or at such other time as shall be agreed upon by the Representative and the Company, at the offices of Blank Rome LLP, 1271 Avenue of the Americas, New York, NY 10020 (“**Representative Counsel**”), or at such other place (or remotely by facsimile or other electronic transmission) as shall be agreed upon by the Representative and the Company. The hour and date of delivery and payment for the Firm Securities is called the “**Closing Date**.”

(ii) Payment for the Firm Securities shall be made on the Closing Date by wire transfer in Federal (same day) funds, payable to the order of the Company upon delivery of the certificates (in form and substance satisfactory to the Underwriters) representing the Firm Securities (or through the facilities of the Depository Trust Company (“**DTC**”) with respect to the Firm Shares) for the account of the Underwriters. The Firm Securities shall be registered in such name or names and in such authorized denominations as the Representative may request in writing at least one (1) full Business Day prior to the Closing Date. The Company shall not be obligated to sell or deliver the Firm Securities except upon tender of payment by the Representative for all of the Firm Securities. The term “Business Day” means any day other than a Saturday, a Sunday or a legal holiday or a day on which banking institutions are authorized or obligated by law to close in New York, New York.

1.2 Over-allotment Option.

1.2.1. Option Securities. For the purposes of covering any over-allotments in connection with the distribution and sale of the Firm Securities, the Company hereby grants to the Underwriters an option to purchase up to [●] additional shares of Common Stock and/or additional Pre-Funded Warrants to purchase additional shares of Common Stock (which number of Pre-Funded Warrants reduces the number of additional shares of Common Stock on a one-for-one basis), together representing an aggregate of fifteen percent (15%) of the Firm Securities sold in the Offering (defined below) (the “**Over-allotment Option**”). Such additional shares of Common Stock, the net proceeds of which will be deposited with the Company’s account, are hereinafter referred to as “**Option Shares**.” Such additional Pre-Funded Warrants to purchase shares of Common Stock, the net proceeds of which will be deposited with the Company’s account, are hereinafter referred to as “**Option Pre-Funded Warrants**.” The Firm Shares and the Option Shares may be referred to herein collectively as the “**Shares**”). The Firm Pre-Funded Warrants and the Option Pre-Funded Warrants may be referred to herein collectively as the “**Pre-Funded Warrants**”. The Option Shares and Option Pre-Funded Warrants may be referred to herein collectively as the “**Option Securities**.” The purchase price to be paid per Option Share and per Option Pre-Funded Warrant shall be equal to the price per Firm Share and per Firm Pre-Funded Warrant in Section 1.1.1 hereof, respectively. The Firm Securities, the Option Securities and the Underlying Shares (defined below) are hereinafter referred to together as the “**Public Securities**.” The Public Securities shall be issued directly by the Company and shall have the rights and privileges described in the Registration Statement, the Pricing Disclosure Package and the Prospectus. The offering and sale of the Public Securities is hereinafter referred to as the “**Offering**.”

1.2.2. Exercise of Option. The Over-allotment Option granted pursuant to Section 1.2.1 hereof may be exercised by the Representative as to all (at any time) or any part (from time to time) of the Option Securities within 45 days after the date hereof. The Underwriters shall not be under any obligation to purchase any Option Securities prior to the exercise of the Over-allotment Option. The Over-allotment Option granted hereby may be exercised by the giving of oral notice to the Company from the Representative, which must be confirmed in writing by overnight mail or facsimile or other electronic transmission setting forth the number of Option Securities and/or Option Pre-Funded Warrants to be purchased and the date and time for delivery of and payment for the Option Securities and/or Option Pre-Funded Warrants (the “**Option Closing Date**”), which shall not be later than one (1) full Business Day after the date of the notice or such other time as shall be agreed upon by the Company and the Representative, at the offices of Representative Counsel or at such other place (including remotely by facsimile or other electronic transmission) as shall be agreed upon by the Company and the Representative. If such delivery and payment for the Option Securities does not occur on the Closing Date, the Option Closing Date will be as set forth in the notice. Upon exercise of the Over-allotment Option with respect to all or any portion of the Option Securities, subject to the terms and conditions set forth herein, (i) the Company shall become obligated to sell to the Underwriters the number of Option Securities specified in such notice and (ii) each of the Underwriters, acting severally and not jointly, shall purchase that portion of the total number of Option Securities then being purchased as set forth in Schedule 1 opposite the name of such Underwriter.

1.2.3. Payment and Delivery. Payment for the Option Securities shall be made on the Option Closing Date by wire transfer in Federal (same day) funds, payable to the order of the Company upon delivery to you of certificates (in form and substance satisfactory to the Underwriters) representing the Option Securities (or through the facilities of DTC) for the account of the Underwriters. The Option Securities shall be registered in such name or names and in such authorized denominations as the Representative may request in writing at least one (1) full Business Day prior to the Option Closing Date. The Company shall not be obligated to sell or deliver the Option Securities except upon tender of payment by the Representative for applicable Option Securities. The Option Closing Date may be simultaneous with, but not earlier than, the Closing Date; and in the event that such time and date are simultaneous with the Closing Date, the term “**Closing Date**” shall refer to the time and date of delivery of the Firm Securities and Option Securities.

1.3 Representative’s Warrant.

1.3.1. Purchase Warrants. The Company hereby agrees to issue and sell to the Representative (and/or its designees) on the Closing Date and Option Closing Date, as applicable, an option (“**Representative’s Warrant**”) for the purchase of [●] shares of Common Stock representing 5% of the Firm Shares, the Option Shares, the Firm Pre-Funded Warrants and the Option Pre-Funded Warrants purchased on such Closing Date or Option Closing Date, as applicable, for an aggregate purchase price of \$100.00. The Representative’s Warrant agreement, in the form attached hereto as Exhibit A (the “**Representative’s Warrant Agreement**”), shall be exercisable, in whole or in part, immediately upon the date of issuance and expiring on the five-year anniversary of the date of this Agreement at an initial exercise price per share of Common Stock of \$[●], which is equal to 125% of the initial public offering price of the Firm Shares. The Representative’s Warrant and the shares of Common Stock issuable upon exercise thereof are hereinafter referred to together as the “**Representative’s Securities**.”

1.3.2. Delivery. Delivery of the Representative’s Warrant shall be made on the Closing Date and any Option Closing Date and shall be issued in the name or names and in such authorized denominations as the Representative may request.

2. Representations and Warranties of the Company. The Company represents and warrants to the Underwriters as of the Applicable Time (as defined below), as of the Closing Date and as of the Option Closing Date, if any, as follows:

2.1 Filing of Registration Statement.

2.1.1. Pursuant to the Securities Act. The Company has filed with the U.S. Securities and Exchange Commission (the “**Commission**”) a registration statement, and any amendment or amendments thereto, on Form S-1 (File No. 333-[●]), including any related prospectus or prospectuses, for the registration of the Public Securities and the Representative’s Securities under the Securities Act of 1933, as amended (the “**Securities Act**”), which registration statement and amendment or amendments have been prepared by the Company in all material respects in conformity with the requirements of the Securities Act and the rules and regulations of the Commission under the Securities Act (the “**Securities Act Regulations**”) and contains and will contain all material statements that are required to be stated therein in accordance with the Securities Act and the Securities Act Regulations. Except as the context may otherwise require, such registration statement, as amended, on file with the Commission at the time the registration statement became effective (including the Preliminary Prospectus included in the registration statement, financial statements, schedules, exhibits and all other documents filed as a part thereof or incorporated by reference therein and all information deemed to be a part thereof as of the date hereof pursuant to paragraph (b) of Rule 430A of the Securities Act Regulations (the “**Rule 430A Information**”) or otherwise pursuant to the Securities Act Regulations, including all documents incorporated by reference therein pursuant to Item 12 of Form S-1) is referred to herein as the “**Registration Statement**.” If the Company files any registration statement pursuant to Rule 462(b) of the Securities Act Regulations, then after such filing, the term “Registration Statement” shall include such registration statement filed pursuant to Rule 462(b). The Registration Statement was declared effective by the Commission on [the date hereof]¹.

¹ NTD: To be confirmed.

Each prospectus used prior to the effectiveness of the Registration Statement, and each prospectus that omitted the Rule 430A Information that was used after such effectiveness and prior to the execution and delivery of this Agreement, is herein called a “**Preliminary Prospectus**.” The Preliminary Prospectus, subject to completion, dated [●], 2025, that was included in the Registration Statement immediately prior to the Applicable Time is hereinafter called the “**Pricing Prospectus**.” The final prospectus in the form first furnished to the Underwriters for use in the Offering is hereinafter called the “**Prospectus**.” Any reference to the “most recent Preliminary Prospectus” shall be deemed to refer to the latest Preliminary Prospectus included in the Registration Statement.

“**Applicable Time**” means [●] p.m., Eastern time, on the date of this Agreement.

“**Issuer Free Writing Prospectus**” means any “issuer free writing prospectus,” as defined in Rule 433 of the Securities Act Regulations (“**Rule 433**”), including without limitation any “free writing prospectus” (as defined in Rule 405 of the Securities Act Regulations) relating to the Public Securities that is (i) required to be filed with the Commission by the Company, (ii) a “road show that is a written communication” within the meaning of Rule 433(d)(8)(i), whether or not required to be filed with the Commission, or (iii) exempt from filing with the Commission pursuant to Rule 433(d)(5)(i) because it contains a description of the Public Securities or of the Offering that does not reflect the final terms, in each case in the form filed or required to be filed with the Commission or, if not required to be filed, in the form retained in the Company’s records pursuant to Rule 433(g).

“**Issuer General Use Free Writing Prospectus**” means any Issuer Free Writing Prospectus that is intended for general distribution to prospective investors (other than a “*bona fide* electronic road show,” as defined in Rule 433 (the “**Bona Fide Electronic Road Show**”)), as evidenced by its being specified in Schedule 2-B hereto.

“**Issuer Limited Use Free Writing Prospectus**” means any Issuer Free Writing Prospectus that is not an Issuer General Use Free Writing Prospectus.

“**Pricing Disclosure Package**” means any Issuer General Use Free Writing Prospectus issued at or prior to the Applicable Time, the Pricing Prospectus and the information included on Schedule 2-A hereto, all considered together.

2.1.2. Pursuant to the Exchange Act. The Company has filed with the Commission a Form 8-A12B (File Number 001-36404) providing for the registration pursuant to Section 12(b) under the Securities Exchange Act of 1934, as amended (the “**Exchange Act**”), of the shares of Common Stock. The registration of the shares of Common Stock under the Exchange Act has been declared effective by the Commission on or prior to the date hereof. The Company has taken no action designed to, or likely to have the effect of, terminating the registration of the shares of Common Stock under the Exchange Act, nor has the Company received any notification that the Commission is contemplating terminating such registration.

2.2 Stock Exchange Listing. The shares of Common Stock are listed on the Nasdaq Capital Market (the “**Exchange**”) and the Company has taken no action designed to, or likely to have the effect of, delisting the shares of Common Stock from the Exchange, nor has the Company received any notification that the Exchange is contemplating terminating such listing except as described in the Registration Statement, the Pricing Disclosure Package and the Prospectus. The Company has submitted the Listing of Additional Shares Notification Form with the Exchange with respect to the Offering of the Public Securities.

2.3 No Stop Orders, etc. Neither the Commission nor, to the Company’s knowledge, any state regulatory authority has issued any order preventing or suspending the use of the Registration Statement, any Preliminary Prospectus or the Prospectus or has instituted or, to the Company’s knowledge, threatened to institute, any proceedings with respect to such an order. The Company has complied with each request (if any) from the Commission for additional information.

2.4 Disclosures in Registration Statement.

2.4.1. Compliance with Securities Act and 10b-5 Representation.

(i) Each of the Registration Statement and any post-effective amendment thereto, at the time it became effective, complied and will comply in all material respects with the requirements of the Securities Act and the Securities Act Regulations. Each Preliminary Prospectus, including the prospectus filed as part of the Registration Statement as originally filed or as part of any amendment or supplement thereto, and the Prospectus, at the time each was filed with the Commission, complied and will comply in all material respects with the requirements of the Securities Act and the Securities Act Regulations. Each Preliminary Prospectus delivered to the Underwriters for use in connection with this Offering and the Prospectus was or will be identical to the electronically transmitted copies thereof filed with the Commission pursuant to EDGAR, except to the extent permitted by Regulation S-T.

(ii) Neither the Registration Statement nor any amendment thereto, at its effective time, as of the Applicable Time, at the Closing Date or at any Option Closing Date (if any), contained, contains or will contain an untrue statement of a material fact or omitted, omits or will omit to state a material fact required to be stated therein or necessary to make the statements therein not misleading; provided, however, that this representation and warranty shall not apply to statements made or statements omitted in reliance upon and in conformity with written information furnished to the Company with respect to the Underwriters by the Representative expressly for use in the Registration Statement, the Preliminary Prospectus, the Prospectus or any amendment thereof or supplement thereto. The parties acknowledge and agree that such information provided by or on behalf of any Underwriter consists solely of the following disclosure contained in the following paragraph in the “Underwriting” section of the Registration Statement, the Preliminary Prospectus or the Prospectus: the name of the Underwriters (the “**Underwriters Information**”).

(iii) The Pricing Disclosure Package, as of the Applicable Time, at the Closing Date or at any Option Closing Date (if any), did not, does not and will not include an untrue statement of a material fact or omit to state a material fact necessary in order to make the statements therein, in the light of the circumstances under which they were made, not misleading; and each Issuer Limited Use Free Writing Prospectus hereto does not conflict with the information contained in the Registration Statement, any Preliminary Prospectus, the Pricing Prospectus or the Prospectus, and each such Issuer Limited Use Free Writing Prospectus, as supplemented by and taken together with the Pricing Prospectus as of the Applicable Time, did not include an untrue statement of a material fact or omit to state a material fact necessary in order to make the statements therein, in light of the circumstances under which they were made, not misleading; provided, however, that this representation and warranty shall not apply to the Underwriters Information.

(iv) Neither the Prospectus nor any amendment or supplement thereto (including any prospectus wrapper), as of its issue date, at the time of any filing with the Commission pursuant to Rule 424(b), at the Closing Date or at any Option Closing Date, included, includes or will include an untrue statement of a material fact or omitted, omits or will omit to state a material fact necessary in order to make the statements therein, in the light of the circumstances under which they were made, not misleading; provided, however, that this representation and warranty shall not apply to the Underwriters' Information.

(v) The documents incorporated by reference in the Registration Statement, the Pricing Disclosure Package and the Prospectus, when they became effective or were filed with the Commission, as the case may be, conformed in all material respects to the requirements of the Securities Act or the Exchange Act, as applicable, and the rules and regulations of the Commission thereunder and none of such documents contained any untrue statement of a material fact or omitted to state any material fact required to be stated therein or necessary to make the statements therein, in the light of the circumstances under which they were made, not misleading; and any further documents so filed and incorporated by reference in the Registration Statement, the Pricing Disclosure Package and the Prospectus, when such documents become effective or are filed with the Commission, as the case may be, will conform in all material respects to the requirements of the Securities Act or the Exchange Act, as applicable, and the rules and regulations of the Commission thereunder, and will not contain any untrue statement of a material fact or omit to state any material fact required to be stated therein or necessary to make the statements therein, in the light of the circumstances under which they were made, not misleading.

2.4.2. Disclosure of Agreements. The agreements and documents described in the Registration Statement, the Pricing Disclosure Package and the Prospectus conform in all material respects to the descriptions thereof contained or incorporated by reference therein and there are no agreements or other documents required by the Securities Act and the Securities Act Regulations to be described in the Registration Statement, the Pricing Disclosure Package and the Prospectus or to be filed with the Commission as exhibits to the Registration Statement, or to be incorporated by reference in the Registration Statement, the Pricing Disclosure Package or the Prospectus, that have not been so described or filed or incorporated by reference. Each agreement or other instrument (however characterized or described) to which the Company is a party or by which it is or may be bound or affected and (i) that is referred to or incorporated by reference in the Registration Statement, the Pricing Disclosure Package and the Prospectus, or (ii) is material to the Company's business, has been duly authorized and validly executed by the Company, is in full force and effect in all material respects and is enforceable against the Company and, to the Company's knowledge the other parties thereto, in accordance with its terms, except (x) as such enforceability may be limited by bankruptcy, insolvency, reorganization or similar laws affecting creditors' rights generally, (y) as enforceability of any indemnification or contribution provision may be limited under the federal and state securities laws, and (z) that the remedy of specific performance and injunctive and other forms of equitable relief may be subject to the equitable defenses and to the discretion of the court before which any proceeding therefor may be brought. None of such agreements or instruments has been assigned by the Company, and neither the Company nor, to the Company's knowledge, any other party is in default thereunder and, to the Company's knowledge, no event has occurred that, with the lapse of time or the giving of notice, or both, would constitute a default thereunder. To the Company's knowledge, performance by the Company of the material provisions of such agreements or instruments will not result in a violation of any existing applicable law, rule, regulation, ordinance, judgment, order or decree of any governmental or regulatory agency, body, authority or court, domestic or foreign, having jurisdiction over the Company or any of its assets or businesses (each, a "**Governmental Entity**"), including, without limitation, those relating to environmental laws and regulations. Except as disclosed in the Registration Statement, the Pricing Disclosure Package and the Prospectus, the Company has no subsidiaries and has no other interest, nominal or beneficial, direct or indirect, in any other corporation, joint venture or other business entity.

2.4.3. Prior Securities Transactions. No securities of the Company have been sold by the Company or by or on behalf of, or for the benefit of, any person or persons controlling, controlled by or under common control with the Company, except as disclosed in the Registration Statement, the Pricing Disclosure Package and the Preliminary Prospectus.

2.4.4. Regulations. The disclosures in the Registration Statement, the Pricing Disclosure Package and the Prospectus concerning the effects of federal, state, local and all foreign regulation on the Offering and the Company's business as currently contemplated are accurate, correct and complete in all material respects and no other such regulations are required to be disclosed in the Registration Statement, the Pricing Disclosure Package and the Prospectus which are not so disclosed.

2.4.5. No Other Distribution of Offering Materials. The Company has not, directly or indirectly, distributed and will not distribute any offering material in connection with the Offering other than any Preliminary Prospectus, the Pricing Disclosure Package, the Prospectus and other materials, if any, permitted under the Securities Act and consistent with Section 3.2 below.

2.5 Changes After Dates in Registration Statement

2.5.1. No Material Adverse Change. Since the respective dates as of which information is given in the Registration Statement, the Pricing Disclosure Package and the Prospectus, except as otherwise specifically stated therein: (i) there has been no material adverse change in the financial position or results of operations of the Company, nor any change or development that, singularly or in the aggregate, would involve a material adverse change or a prospective material adverse change in or affecting the business, general affairs, management, condition (financial or otherwise), results of operations, stockholders' equity, business, assets, properties or prospects of the Company (a "**Material Adverse Change**"); (ii) there have been no material transactions entered into by the Company, other than as contemplated pursuant to this Agreement; and (iii) no officer or director of the Company has resigned from any position with the Company; and (iv) the Company has not sustained any material loss or interference with its business or properties from fire, explosion, flood, earthquake, hurricane, accident or other calamity.

2.5.2. Recent Securities Transactions, etc. Subsequent to the respective dates as of which information is given in the Registration Statement, the Pricing Disclosure Package and the Prospectus, and except as may otherwise be indicated or contemplated herein or disclosed in the Registration Statement, the Pricing Disclosure Package and the Prospectus, the Company has not: (i) issued any securities, other than securities issued pursuant to the Company's existing equity incentive or stock option plans for shares of Common Stock issuable upon the exercise of then outstanding options, restricted stock units or convertible securities or incurred any liability or obligation, direct or contingent, for borrowed money; or (ii) declared or paid any dividend or made any other distribution on or in respect to its capital stock.

2.5.3. Disclosure in Commission Filings. Since January 1, 2025, (i) none of the Company's filings with the Commission contained any untrue statement of a material fact or omitted to state any material fact necessary in order to make the statements therein, in the light of the circumstances under which they were made, not misleading, except to the extent such filings were subsequently amended; and (ii) the Company has made all filings with the Commission required under the Exchange Act and the rules and regulations of the Commission promulgated thereunder (the "Exchange Act Regulations").

2.6 Independent Accountants. To the knowledge of the Company, each of Marcum LLP (“**Marcum**”), whose report is filed with the Commission and included or incorporated by reference in the Registration Statement, the Pricing Disclosure Package and the Prospectus, and CBIZ CPAs P.C. (“**CBIZ**”), who reviewed the Company’s Quarterly Report on Form 10-Q for the quarterly period ended March 31, 2025 which is incorporated by reference in the Registration Statement, the Pricing Disclosure Package and the Prospectus, is an independent registered public accounting firm as required by the Securities Act and the Securities Act Regulations and the Public Company Accounting Oversight Board. Neither Marcum nor CBIZ has, during the periods covered by the financial statements included or incorporated by reference in the Registration Statement, the Pricing Disclosure Package and the Prospectus, provided to the Company any non-audit services, as such term is used in Section 10A(g) of the Exchange Act.

2.7 Financial Statements, etc. The financial statements, including the notes thereto and supporting schedules included or incorporated by reference in the Registration Statement, the Pricing Disclosure Package and the Prospectus, fairly present the financial position and the results of operations of the Company at the dates and for the periods to which they apply; and such financial statements have been prepared in conformity with U.S. generally accepted accounting principles (“**GAAP**”), consistently applied throughout the periods involved (provided that unaudited interim financial statements are subject to year-end audit adjustments that are not expected to be material in the aggregate and do not contain all footnotes required by GAAP); and the supporting schedules included or incorporated by reference in the Registration Statement, the Pricing Disclosure Package and the Prospectus present fairly the information required to be stated therein. Except as included therein or incorporated by reference herein, no historical or pro forma financial statements or supporting schedules are required to be included or incorporated by reference in the Registration Statement, the Pricing Disclosure Package or the Prospectus under the Securities Act or the Securities Act Regulations. The pro forma and pro forma as adjusted financial information and the related notes, if any, included or incorporated by reference in the Registration Statement, the Pricing Disclosure Package and the Prospectus have been properly compiled and prepared in accordance with the applicable requirements of the Securities Act, the Securities Act Regulations, the Exchange Act and the Exchange Act Regulations and present fairly the information shown therein, and the assumptions used in the preparation thereof are reasonable and the adjustments used therein are appropriate to give effect to the transactions and circumstances referred to therein. All disclosures contained in the Registration Statement, the Pricing Disclosure Package or the Prospectus, or incorporated or deemed incorporated by reference therein, regarding “non-GAAP financial measures” (as such term is defined by the rules and regulations of the Commission), if any, comply with Regulation G of the Exchange Act and Item 10 of Regulation S-K of the Securities Act, to the extent applicable. Each of the Registration Statement, the Pricing Disclosure Package and the Prospectus discloses all material off-balance sheet transactions, arrangements, obligations (including contingent obligations), and other relationships of the Company with unconsolidated entities or other persons that may have a material current or future effect on the Company’s financial condition, changes in financial condition, results of operations, liquidity, capital expenditures, capital resources, or significant components of revenues or expenses. Except as disclosed in the Registration Statement, the Pricing Disclosure Package and the Prospectus, (a) neither the Company nor any of its significant subsidiaries (as such term is defined in Article 1, Rule 1-02 of Regulation S-X promulgated under the Securities Act) (each, a “**Subsidiary**” and, collectively, the “**Subsidiaries**”), has incurred any material liabilities or obligations, direct or contingent, or entered into any material transactions other than in the ordinary course of business, (b) the Company has not declared or paid any dividends or made any distribution of any kind with respect to its capital stock, (c) there has not been any change in the capital stock of the Company or any of its Subsidiaries, or, other than in the course of business or any grants under any stock compensation plan, and (d) there has not been any Material Adverse Change in the Company’s long-term or short-term debt.

2.8 Authorized Capital; Options, etc. The Company had, at the date or dates indicated in the Registration Statement, the Pricing Disclosure Package and the Prospectus, the duly authorized, issued and outstanding capitalization as set forth therein. Based on the assumptions stated in the Registration Statement, the Pricing Disclosure Package and the Prospectus, the Company will have on the Closing Date the adjusted stock capitalization set forth therein. Except as set forth in, or contemplated by, the Registration Statement, the Pricing Disclosure Package and the Prospectus, on the date hereof, as of the Applicable Time and on the Closing Date and any Option Closing Date, there was or will be no stock options, warrants, or other rights to purchase or otherwise acquire any authorized, but unissued shares of Common Stock of the Company or any security convertible or exercisable into shares of Common Stock of the Company, or any contracts or commitments to issue or sell shares of Common Stock or any such options, warrants, rights or convertible securities.

2.9 Valid Issuance of Securities, etc.

2.9.1. Outstanding Securities. All issued and outstanding securities of the Company issued prior to the transactions contemplated by this Agreement have been duly authorized and validly issued and are fully paid and non-assessable; the holders thereof have no rights of rescission, rights of first refusal, rights of participation or similar rights with respect thereto or put rights, and are not subject to personal liability by reason of being such holders; and none of such securities were issued in violation of the preemptive rights, rights of first refusal or rights of participation or similar rights of any holders of any security of the Company or similar contractual rights granted by the Company. The authorized shares of Common Stock conform in all material respects to all statements relating thereto contained in the Registration Statement, the Pricing Disclosure Package and the Prospectus. The offers and sales of the outstanding shares of Common Stock were at all relevant times either registered under the Securities Act and the applicable state securities or “blue sky” laws or, based in part on the representations and warranties of the purchasers of such Shares, exempt from such registration requirements.

2.9.2. Securities Sold Pursuant to this Agreement. The Public Securities and the Representative’s Securities have been duly authorized for issuance and sale and, when issued and paid, will be validly issued, fully paid and non-assessable; the holders thereof are not and will not be subject to personal liability by reason of being such holders; the Public Securities and the Representative’s Securities are not and will not be subject to the preemptive rights of any holders of any security of the Company or similar contractual rights granted by the Company; and all corporate action required to be taken for the authorization, issuance and sale of the Public Securities and the Representative’s Securities has been duly and validly taken. The Public Securities and the Representative’s Securities conform in all material respects to all statements with respect thereto contained in the Registration Statement, the Pricing Disclosure Package and the Prospectus. All corporate action required to be taken for the authorization, issuance and sale of the Pre-Funded Warrants and the Representative’s Warrant has been duly and validly taken; the shares of Common Stock issuable upon exercise of the Pre-Funded Warrants and the Representative’s Warrant (the “**Underlying Shares**”) have been duly authorized and reserved for issuance by all necessary corporate action on the part of the Company and when paid for and issued, such Underlying Shares will be validly issued, fully paid and non-assessable; the holders thereof are not and will not be subject to personal liability by reason of being such holders; and such shares of Common Stock are not and will not be subject to the preemptive rights of any holders of any security of the Company or similar contractual rights granted by the Company.

2.10 Registration Rights of Third Parties. Except as set forth in the Registration Statement, the Pricing Disclosure Package and the Prospectus, no holders of any securities of the Company or any rights exercisable for or convertible or exchangeable into securities of the Company have the right to require the Company to register any such securities of the Company under the Securities Act or to include any such securities in a registration statement to be filed by the Company.

2.11 Validity and Binding Effect of Agreements. This Agreement, the Pre-Funded Warrants and the Representative’s Warrant Agreement have been duly and validly authorized by the Company, and, when executed and delivered, will constitute, the valid and binding agreements of the Company, enforceable against the Company in accordance with their respective terms, except: (i) as such enforceability may be limited by bankruptcy, insolvency, reorganization or similar laws affecting creditors’ rights generally; (ii) as enforceability of any indemnification or contribution provision may be limited under the federal and state securities laws; and (iii) that the remedy of specific performance and injunctive and other forms of equitable relief may be subject to the equitable defenses and to the discretion of the court before which any proceeding therefor may be brought.

2.12 No Conflicts, etc. The execution, delivery and performance by the Company of this Agreement, the Representative's Warrant Agreement, the Pre-Funded Warrants and all ancillary documents, the consummation by the Company of the transactions herein and therein contemplated and the compliance by the Company with the terms hereof and thereof do not and will not, with or without the giving of notice or the lapse of time or both: (i) result in a material breach of, or conflict with any of the terms and provisions of, or constitute a material default under, or result in the creation, modification, termination or imposition of any lien, charge, mortgage, pledge, security interest, claim, equity, trust or other encumbrance, preferential arrangement or restriction of any kind whatsoever upon any portion of any property or assets of the Company pursuant to the terms of any indenture, mortgage, deed of trust, note, lease, loan agreement or any other agreement or instrument, license or permit to which the Company is a party or as to which any property of the Company is a party or any of its assets are bound, except as set forth in the Registration Statement, Pricing Disclosure Package and Prospectus; (ii) result in any violation of the provisions of the Company's Amended and Restated Articles of Incorporation, as amended (as the same may be amended or restated from time to time, the "Charter") or the amended and restated by-laws of the Company (as the same may be amended or restated from time to time); or (iii) violate any existing applicable law, rule, regulation, judgment, order or decree of any Governmental Entity as of the date hereof, except, in the case of (iii), for those violations that would not, individually or in the aggregate, reasonably be expected to have a Material Adverse Change.

2.13 No Defaults; Violations. No material default exists in the due performance and observance of any term, covenant or condition of any material license, contract, indenture, mortgage, deed of trust, note, loan or credit agreement, or any other agreement or instrument evidencing an obligation for borrowed money, or any other material agreement or instrument to which the Company is a party or by which the Company may be bound or to which any of the properties or assets of the Company is subject, except for such defaults that would not, individually or in the aggregate, reasonably be expected to have a Material Adverse Change. The Company is not in violation of any term or provision of its Charter or by-laws, or in violation of any franchise, license, permit, applicable law, rule, regulation, judgment, order or decree of any Governmental Entity, except for those violations that would not, individually or in the aggregate, reasonably be expected to have a Material Adverse Change.

2.14 Corporate Power; Licenses; Consents.

2.14.1. Conduct of Business. Except as described in the Registration Statement, the Pricing Disclosure Package and the Prospectus, the Company has all requisite corporate power and authority, and has all necessary consents, authorizations, approvals, registrations, orders, licenses, certificates, qualifications, registrations and permits of and from all governmental regulatory officials and bodies that it needs as of the date hereof to conduct its business purpose as described in the Registration Statement, the Pricing Disclosure Package and the Prospectus, except where such failure to have such consents, authorizations, approvals, registrations, orders, license, certificates, qualifications, registrations and permit would not reasonably be expected to result in a Material Adverse Change.

2.14.2. Transactions Contemplated Herein. The Company has all corporate power and authority to enter into this Agreement, the Pre-Funded Warrants and the Representative's Warrant Agreement and to carry out the provisions and conditions hereof, and all consents, authorizations, approvals, registrations, orders licenses, certificates, qualifications, registrations and permits required in connection therewith have been obtained. No consent, authorization or order of, and no filing with, any court, government agency or other body is required for the valid issuance, sale and delivery of the Public Securities and the consummation of the transactions and agreements contemplated by this Agreement, the Pre-Funded Warrants and the Representative's Warrant Agreement and as contemplated by the Registration Statement, the Pricing Disclosure Package and the Prospectus, except with respect to applicable federal and state securities laws and the rules and regulations of the Exchange and Financial Industry Regulatory Authority, Inc. ("FINRA").

2.15 D&O Questionnaires. To the Company's knowledge, all information contained in the questionnaires (the "**Questionnaires**") completed by each of the Company's directors and officers prior to the Offering (the "**Insiders**") as supplemented by all information concerning the Company's directors, officers and principal stockholders as described in the Registration Statement, the Pricing Disclosure Package and the Prospectus, as well as in the Lock-Up Agreement (as defined in Section 2.25 below), provided to the Underwriters, is true and correct in all material respects and the Company has not become aware of any information which would cause the information disclosed in the Questionnaires to become materially inaccurate and incorrect in any respect.

2.16 Litigation; Governmental Proceedings. There is no action, suit, proceeding, inquiry, arbitration, investigation, litigation or governmental proceeding pending or, to the Company's knowledge, threatened against, or involving the Company, or, to the Company's knowledge, any executive officer or director which has not been disclosed in the Registration Statement, the Pricing Disclosure Package and the Prospectus or in connection with the Company's listing application for the listing of the Public Securities on the Exchange and which is required to be disclosed.

2.17 Good Standing. The Company has been duly incorporated and is validly existing as a corporation and is in good standing under the laws of the State of Nevada as of the date hereof, and is duly qualified to do business and is in good standing in each other jurisdiction in which its ownership or lease of property or the conduct of business requires such qualification, except where the failure to be so qualified or in good standing, singularly or in the aggregate, would not have or reasonably be expected to result in a Material Adverse Change.

2.18 Insurance. The Company carries or is entitled to the benefits of insurance, with reputable insurers, in such amounts and covering such risks which the Company believes are adequate, including, but not limited to, directors and officers insurance coverage at least equal to \$5,000,000 and all such insurance is in full force and effect. The Company has no reason to believe that it will not be able (i) to renew its existing insurance coverage as and when such policies expire or (ii) to obtain comparable coverage from similar institutions as may be necessary or appropriate to conduct its business as now conducted and at a cost that would not result in a Material Adverse Change.

2.19 Transactions Affecting Disclosure to FINRA.

2.19.1. Finder's Fees. Except as described in the Registration Statement, the Pricing Disclosure Package and the Prospectus, there are no claims, payments, arrangements, agreements or understandings relating to the payment of a finder's, consulting or origination fee by the Company or any Insider with respect to the sale of the Public Securities hereunder or any other arrangements, agreements or understandings of the Company or, to the Company's knowledge, any of its stockholders that may affect the Underwriters' compensation, as determined by FINRA.

2.19.2. Payments Within Twelve (12) Months. Except as described in the Registration Statement, the Pricing Disclosure Package and the Prospectus, the Company has not made any direct or indirect payments (in cash, securities or otherwise) to: (i) any person, as a finder's fee, consulting fee or otherwise, in consideration of such person raising capital for the Company or introducing to the Company persons who raised or provided capital to the Company; (ii) any FINRA member; or (iii) any person or entity that has any direct or indirect affiliation or association with any FINRA member, within the twelve (12) months prior to the date of this Agreement, other than the payment to the Underwriters as provided hereunder in connection with the Offering.

2.19.3. Use of Proceeds. None of the net proceeds of the Offering will be paid by the Company to any participating FINRA member or its affiliates, except as specifically authorized herein.

2.19.4. FINRA Affiliation. There is no (i) officer or director of the Company, (ii) beneficial owner of 10% or more of any class of the Company's securities or (iii) beneficial owner of the Company's unregistered equity securities which were acquired during the 180-day period immediately preceding the filing of the Registration Statement that is an affiliate or associated person of a FINRA member participating in the Offering (as determined in accordance with the rules and regulations of FINRA). The Company (i) does not have any material lending or other relationship with any bank or lending affiliate of any Underwriter and (ii) does not intend to use any of the proceeds from the sale of the Public Securities to repay any outstanding debt owed to any affiliate of any Underwriter.

2.19.5. Information. All information provided by the Company in its, and to the Company's knowledge, all information provided by the Company's officers and directors in their FINRA questionnaire to Representative Counsel specifically for use by Representative Counsel in connection with its Public Offering System filings (and related disclosure) with FINRA is true, correct and complete in all material respects.

2.20 Foreign Corrupt Practices Act. None of the Company, any of its Subsidiaries nor, to the Company's knowledge, any director, officer, agent, employee or affiliate of the Company or any of its Subsidiaries or any other person acting on behalf of the Company or any of its Subsidiaries, has, directly or indirectly, (i) given or agreed to give any money, gift or similar benefit (other than legal price concessions to customers in the ordinary course of business) to any customer, supplier, employee or agent of a customer or supplier, or official or employee of any governmental agency or instrumentality of any government (domestic or foreign) or any political party or candidate for office (domestic or foreign) or other person who was, is, or may be in a position to help or hinder the business of the Company (or assist it in connection with any actual or proposed transaction) that (a) might subject the Company to any damage or penalty in any civil, criminal or governmental litigation or proceeding, (b) if not given in the past, might have had a Material Adverse Change; (c) if not continued in the future, might adversely affect the assets, business, operations or prospects of the Company; or (d) violated or is in violation of any provision of the Foreign Corrupt Practices Act (the "FCPA") or any applicable non-U.S. anti-bribery statute or regulation; (ii) made any bribe, rebate, payoff, influence payment, kickback or other unlawful payment; or (iii) received notice of any investigation, proceeding or inquiry by any Governmental Entity regarding any of the matters in clauses (i) or (ii) above; and the Company has conducted its business in compliance with the FCPA in all material respects, and has instituted and maintains policies and procedures designed to ensure, and which are reasonably expected to ensure, that the Company will continue to comply in all material respects with the FCPA. The Company has taken reasonable steps to ensure that its accounting controls and procedures are sufficient to cause the Company to comply in all material respects with the FCPA.

2.21 Compliance with OFAC. None of the Company and any of its Subsidiaries or, to the Company's knowledge, any director, officer, agent, employee or affiliate of the Company and any of its Subsidiaries or any other person acting on behalf of the Company and any of its Subsidiaries, is currently subject to any U.S. sanctions administered by the Office of Foreign Assets Control of the U.S. Department of the Treasury ("OFAC"), and the Company will not, directly or indirectly, use the proceeds of the Offering hereunder, or lend, contribute or otherwise make available such proceeds to any subsidiary, joint venture partner or other person or entity, for the purpose of financing the activities of any person currently subject to any U.S. sanctions administered by OFAC.

2.22 Forward-Looking Statements. No forward-looking statement (within the meaning of Section 27A of the Securities Act and Section 21E of the Exchange Act) contained in either the Registration Statement, Pricing Disclosure Package or Prospectus has been made or reaffirmed without a reasonable basis or has been disclosed other than in good faith.

2.23 Money Laundering Laws. The operations of the Company and its Subsidiaries are and have been conducted at all times in compliance with applicable financial recordkeeping and reporting requirements of the Currency and Foreign Transactions Reporting Act of 1970, as amended, the money laundering statutes of all jurisdictions, the rules and regulations thereunder and any related or similar rules, regulations or guidelines, issued, administered or enforced by any Governmental Entity (collectively, the “**Money Laundering Laws**”); and no action, suit or proceeding by or before any Governmental Entity involving the Company with respect to the Money Laundering Laws is pending or, to the best knowledge of the Company, threatened.

2.24 Officers’ Certificate. Any certificate signed by any duly authorized officer of the Company and delivered to you or to Representative Counsel shall be deemed a representation and warranty by the Company to the Underwriters as to the matters covered thereby.

2.25 Lock-Up Agreements. Schedule 3 hereto contains a complete and accurate list of the Company’s executive officers and non-employee directors who will be subject to the Lock-Up Agreement (as defined below) (collectively, the “**Lock-Up Parties**”). The Company has caused each of the Lock-Up Parties to deliver to the Representative an executed Lock-Up Agreement, in the form attached hereto as Exhibit B (the “**Lock-Up Agreement**”), on or prior to the execution of this Agreement.

2.26 Subsidiaries. All direct and indirect Subsidiaries of the Company are duly organized and in good standing under the laws of the place of organization or incorporation, and each Subsidiary is in good standing in each jurisdiction in which its ownership or lease of property or the conduct of business requires such qualification, except where the failure to qualify would not have a material adverse effect on the assets, business or operations of the Company taken as a whole. The Company’s ownership and control of each Subsidiary is as described in the Registration Statement, the Pricing Disclosure Package and the Prospectus.

2.27 Related Party Transactions. There are no business relationships or related party transactions involving the Company or any other person required to be described in the Registration Statement, the Pricing Disclosure Package and the Prospectus that have not been described as required.

2.28 No Relationships with Customers and Suppliers. No relationship, direct or indirect, exists between or among the Company on the one hand, and the directors, officers, 5% or greater stockholders, customers or suppliers of the Company or any of the Company’s affiliates on the other hand, which is required to be described in the Pricing Disclosure Package and the Prospectus or a document incorporated by reference therein and which is not so described.

2.29 No Unconsolidated Entities. Except as disclosed in the Registration Statement, the Disclosure Package and the Prospectus, there are no transactions, arrangements or other relationships between and/or among the Company, any of its affiliates (as such term is defined in Rule 405 of the Securities Act) and any unconsolidated entity, including, but not limited to, any structured finance, special purpose or limited purpose entity that could reasonably be expected to materially affect the Company’s liquidity or the availability of or requirements for its capital resources required to be described in the Pricing Disclosure Package and the Prospectus or a document incorporated by reference therein which have not been described as required.

2.30 Board of Directors. The Board of Directors of the Company is comprised of the persons disclosed in the Registration Statement, the Pricing Disclosure Package and the Prospectus. The qualifications of the persons serving as board members and the overall composition of the board comply with the Exchange Act, the Exchange Act Regulations, the Sarbanes-Oxley Act of 2002 and the rules promulgated thereunder (the “**Sarbanes-Oxley Act**”) applicable to the Company and the listing rules of the Exchange. At least one member of the Audit Committee of the Board of Directors of the Company qualifies as an “audit committee financial expert,” as such term is defined under Regulation S-K and the listing rules of the Exchange. In addition, at least a majority of the persons serving on the Board of Directors qualify as “independent,” as defined under the listing rules of the Exchange.

2.31 Sarbanes-Oxley Compliance.

2.31.1. Disclosure Controls. Except as disclosed in the Registration Statement, the Pricing Disclosure Package and the Prospectus, the Company has developed and currently maintains disclosure controls and procedures that will comply with Rule 13a-15 or 15d-15 under the Exchange Act Regulations and such controls and procedures are effective to ensure that all material information concerning the Company will be made known on a timely basis to the individuals responsible for the preparation of the Company’s Exchange Act filings and other public disclosure documents.

2.31.2. Compliance. The Company is, or at the Applicable Time and on the Closing Date will be, in material compliance with the provisions of the Sarbanes-Oxley Act applicable to it, and has implemented or will implement such programs and taken reasonable steps to ensure the Company’s future compliance (not later than the relevant statutory and regulatory deadlines therefor) with all of the material provisions of the Sarbanes-Oxley Act.

2.31.3. Accounting Controls. The Company and its Subsidiaries maintain systems of “internal control over financial reporting” (as defined under Rules 13a-15 and 15d-15 under the Exchange Act Regulations) that comply with the requirements of the Exchange Act and have been designed by, or under the supervision of, their respective principal executive and principal financial officers, or persons performing similar functions, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with GAAP, including, but not limited to, internal accounting controls sufficient to provide reasonable assurance that (i) transactions are executed in accordance with management’s general or specific authorizations; (ii) transactions are recorded as necessary to permit preparation of financial statements in conformity with GAAP and to maintain asset accountability; (iii) access to assets is permitted only in accordance with management’s general or specific authorization; and (iv) the recorded accountability for assets is compared with the existing assets at reasonable intervals and appropriate action is taken with respect to any differences. Except as disclosed in the Registration Statement, the Pricing Disclosure Package and the Prospectus, the Company is not aware of any material weaknesses in its internal controls. The Company’s auditors and the Audit Committee of the Board of Directors of the Company have been advised of: (i) all significant deficiencies and material weaknesses in the design or operation of internal controls over financial reporting which are known to the Company’s management and that have adversely affected or are reasonably likely to adversely affect the Company’s ability to record, process, summarize and report financial information; and (ii) any fraud known to the Company’s management, whether or not material, that involves management or other employees who have a significant role in the Company’s internal controls over financial reporting. Since the date of the latest audited financial statements included in the Pricing Disclosure Package, there has been no change in the Company’s internal control over financial reporting that has materially affected, or is reasonably likely to materially affect, the Company’s internal control over financial reporting.

2.32 No Investment Company Status. The Company is not and, after giving effect to the Offering and the application of the proceeds thereof as described in the Registration Statement, the Pricing Disclosure Package and the Prospectus, will not be, required to register as an “investment company,” as defined in the Investment Company Act of 1940, as amended.

2.33 No Labor Disputes. No labor dispute with the employees of the Company or any of its Subsidiaries exists or, to the knowledge of the Company, is imminent.

2.34 Intellectual Property Rights. The Company and each of its Subsidiaries owns or possesses or has valid rights to use all patents, patent applications, trademarks, service marks, trade names, trademark registrations, service mark registrations, copyrights, licenses, inventions, trade secrets and similar rights (“**Intellectual Property Rights**”) necessary for the conduct of the business of the Company and its Subsidiaries as currently carried on and as described in the Registration Statement, the Pricing Disclosure Package and the Prospectus. To the knowledge of the Company, no action or use by the Company or any of its Subsidiaries necessary for the conduct of its business as currently carried on and as described in the Registration Statement, the Pricing Disclosure Package and the Prospectus will involve or give rise to any infringement of, or license or similar fees for, any Intellectual Property Rights of others. Neither the Company nor any of its Subsidiaries has received any notice alleging any such infringement of, license or similar fees for, or conflict with any asserted Intellectual Property Rights of others. Except as would not reasonably be expected to result, individually or in the aggregate, in a Material Adverse Change (A) to the knowledge of the Company, there is no infringement, misappropriation or violation by third parties of any of the Intellectual Property Rights owned by the Company; (B) there is no pending or, to the knowledge of the Company, threatened action, suit, proceeding or claim by others challenging the rights of the Company in or to any such Intellectual Property Rights, and the Company is unaware of any facts which would form a reasonable basis for any such claim, that would, individually or in the aggregate, together with any other claims in this Section 2.34, reasonably be expected to result in a Material Adverse Change; (C) the Intellectual Property Rights owned by the Company and, to the knowledge of the Company, the Intellectual Property Rights licensed to the Company have not been adjudged by a court of competent jurisdiction invalid or unenforceable, in whole or in part, and there is no pending or, to the Company’s knowledge, threatened action, suit, proceeding or claim by others challenging the validity or scope of any such Intellectual Property Rights, and the Company is unaware of any facts which would form a reasonable basis for any such claim that would, individually or in the aggregate, together with any other claims in this Section 2.34, reasonably be expected to result in a Material Adverse Change; (D) there is no pending or, to the Company’s knowledge, threatened action, suit, proceeding or claim by others that the Company infringes, misappropriates or otherwise violates any Intellectual Property Rights or other proprietary rights of others, the Company has not received any written notice of such claim and the Company is unaware of any other facts which would form a reasonable basis for any such claim that would, individually or in the aggregate, together with any other claims in this Section 2.34, reasonably be expected to result in a Material Adverse Change; and (E) to the Company’s knowledge, no employee of the Company is in or has ever been in violation in any material respect of any term of any employment contract, patent disclosure agreement, invention assignment agreement, non-competition agreement, non-solicitation agreement, nondisclosure agreement or any restrictive covenant to or with a former employer where the basis of such violation relates to such employee’s employment with the Company, or actions undertaken by the employee while employed with the Company and could reasonably be expected to result, individually or in the aggregate, in a Material Adverse Change. To the Company’s knowledge, all material technical information developed by and belonging to the Company which has not been patented or disclosed in a patent application has been kept confidential. The Company is not a party to or bound by any options, licenses or agreements with respect to the Intellectual Property Rights of any other person or entity that are required to be set forth in the Registration Statement, the Pricing Disclosure Package and the Prospectus and are not described therein. The Registration Statement, the Pricing Disclosure Package and the Prospectus contain in all material respects the same description of the matters set forth in the preceding sentence. None of the technology employed by the Company has been obtained or is being used by the Company in violation of any contractual obligation binding on the Company or any of its Subsidiaries or, to the Company’s knowledge, any of its officers, directors or employees, or otherwise in violation of the rights of any persons.

To the Company's knowledge, all licenses for the use of the Intellectual Property Rights described in the Registration Statement, the Pricing Disclosure Package and the Prospectus are in full force and effect in all material respects and are enforceable by the Company and, to the Company's knowledge, the other parties thereto, in accordance with their terms, except (x) as such enforceability may be limited by bankruptcy, insolvency, reorganization or similar laws affecting creditors' rights generally, (y) as enforceability of any indemnification or contribution provision may be limited under the federal and state securities laws, and (z) that the remedy of specific performance and injunctive and other forms of equitable relief may be subject to the equitable defenses and to the discretion of the court before which any proceeding therefor may be brought. None of such agreements or instruments has been assigned by the Company, and the Company, has no knowledge, that any other party is in default thereunder and no event has occurred that, with the lapse of time or the giving of notice, or both, would constitute a default thereunder.

2.35 Taxes. Each of the Company and its Subsidiaries has filed all returns (as hereinafter defined) required to be filed with taxing authorities prior to the date hereof or has duly obtained extensions of time for the filing thereof. Each of the Company and its Subsidiaries has paid all taxes (as hereinafter defined) shown as due on such returns that were filed and has paid all taxes imposed on or assessed against the Company or such respective Subsidiary. The provisions for taxes payable, if any, shown on the financial statements filed with or as part of the Registration Statement are sufficient for all accrued and unpaid taxes, whether or not disputed, and for all periods to and including the dates of such consolidated financial statements. Except as disclosed in writing to the Underwriters, (i) no issues have been raised (and are currently pending) by any taxing authority in connection with any of the returns or taxes asserted as due from the Company or its Subsidiaries, and (ii) no waivers of statutes of limitation with respect to the returns or collection of taxes have been given by or requested from the Company or its Subsidiaries. The term "taxes" means all federal, state, local, foreign and other net income, gross income, gross receipts, sales, use, ad valorem, transfer, franchise, profits, license, lease, service, service use, withholding, payroll, employment, excise, severance, stamp, occupation, premium, property, windfall profits, customs, duties or other taxes, fees, assessments or charges of any kind whatever, together with any interest and any penalties, additions to tax or additional amounts with respect thereto. The term "returns" means all U.S. returns, declarations, reports, statements and other documents required to be filed in respect to taxes.

2.36 ERISA Compliance. The Company and any "employee benefit plan" (as defined under the Employee Retirement Income Security Act of 1974, as amended, and the regulations and published interpretations thereunder (collectively, "**ERISA**")) established or maintained by the Company or its "ERISA Affiliates" (as defined below) are in compliance in all material respects with ERISA. "ERISA Affiliate" means, with respect to the Company, any member of any group of organizations described in Sections 414(b),(c),(m) or (o) of the Internal Revenue Code of 1986, as amended, and the regulations and published interpretations thereunder (the "Code") of which the Company is a member. No "reportable event" (as defined under ERISA) has occurred or is reasonably expected to occur with respect to any "employee benefit plan" established or maintained by the Company or any of its ERISA Affiliates. No "employee benefit plan" established or maintained by the Company or any of its ERISA Affiliates, if such "employee benefit plan" were terminated, would have any "amount of unfunded benefit liabilities" (as defined under ERISA). Neither the Company, nor any of its ERISA Affiliates has incurred or reasonably expects to incur any material liability under (i) Title IV of ERISA with respect to termination of, or withdrawal from, any "employee benefit plan" or (ii) Sections 412, 4971, 4975 or 4980B of the Code. Each "employee benefit plan" established or maintained by the Company, or any of its ERISA Affiliates that is intended to be qualified under Section 401(a) of the Code is so qualified and, to the knowledge of the Company, nothing has occurred, whether by action or failure to act, which would cause the loss of such qualification.

2.37 Compliance with Laws. The Company: (A) is and at all times has been in compliance with all statutes, rules, regulations, ordinances, judgments, orders and decrees of all Governmental Entities applicable to the Company's business ("**Applicable Laws**"), except as could not, individually or in the aggregate, reasonably be expected to result in or have a Material Adverse Change; (B) has not received any warning letter, untitled letter or other correspondence or notice from any other Governmental Entity alleging or asserting noncompliance with any Applicable Laws or any licenses, consents, certificates, approvals, clearances, authorizations, permits, orders and supplements or amendments thereto required by any such Applicable Laws ("**Authorizations**"); (C) possesses all material Authorizations and such Authorizations are valid and in full force and effect and are not in material violation of any term of any such Authorizations; (D) has not received notice of any claim, action, suit, litigation, proceeding, hearing, enforcement, investigation, inquiry, arbitration or other action from any Governmental Entity or third party alleging that any product operation or activity is in violation of any Applicable Laws or Authorizations and has no knowledge that any such Governmental Entity or third party is considering any such claim, litigation, arbitration, action, suit, litigation proceeding, hearing, enforcement, investigation, inquiry, arbitration or other action; (E) has not received notice that any Governmental Entity has taken, is taking or intends to take action to limit, suspend, modify or revoke any Authorizations and has no knowledge that any such Governmental Entity considering such action; (F) has filed, obtained, maintained or submitted all material reports, documents, forms, filings, notices, applications, records, claims, submissions and supplements or amendments as required by any Applicable Laws or Authorizations and that all such reports, documents, forms, notices, applications, records, claims, submissions and supplements or amendments were complete and correct on the date filed (or were corrected or supplemented by a subsequent submission); and (G) has not, either voluntarily or involuntarily, initiated, conducted, or issued or caused to be initiated, conducted or issued, any recall, market withdrawal or replacement, safety alert, post-sale warning, "dear doctor" letter, or other notice or action relating to the alleged lack of safety or efficacy of any product or any alleged product defect or violation and, to the Company's knowledge, no third party has initiated, conducted or intends to initiate any such notice or action.

2.38 Ineligible Issuer. At the time of filing the Registration Statement and any post-effective amendment thereto, at the time of effectiveness of the Registration Statement and any amendment thereto, at the earliest time thereafter that the Company or another offering participant made a bona fide offer (within the meaning of Rule 164(h)(2) of the Securities Act Regulations) of the Public Securities and at the date hereof, the Company was not and is not an "ineligible issuer," as defined in Rule 405, without taking account of any determination by the Commission pursuant to Rule 405 that it is not necessary that the Company be considered an ineligible issuer.

2.39 Environmental Laws. The Company and its Subsidiaries are in compliance with all foreign, federal, state and local rules, laws and regulations relating to the use, treatment, storage and disposal of hazardous or toxic substances or waste and protection of health and safety or the environment which are applicable to their businesses ("**Environmental Laws**"), except where the failure to comply would not, singularly or in the aggregate, result in a Material Adverse Change. There has been no storage, generation, transportation, handling, treatment, disposal, discharge, emission, or other release of any kind of toxic or other wastes or other hazardous substances by, due to, or caused by the Company or any of its Subsidiaries (or, to the Company's knowledge, any other entity for whose acts or omissions the Company or any of its Subsidiaries is or may otherwise be liable) upon any of the property now or previously owned or leased by the Company or any of its Subsidiaries, or upon any other property, in violation of any law, statute, ordinance, rule, regulation, order, judgment, decree or permit or which would, under any law, statute, ordinance, rule (including rule of common law), regulation, order, judgment, decree or permit, give rise to any liability; and there has been no disposal, discharge, emission or other release of any kind onto such property or into the environment surrounding such property of any toxic or other wastes or other hazardous substances with respect to which the Company has knowledge.

2.40 Real Property. Except as set forth in the Registration Statement, the Pricing Disclosure Package and the Prospectus, the Company and each of its Subsidiaries have good and marketable title in fee simple to, or have valid rights to lease or otherwise use, all items of real or personal property which are material to the business of the Company and its Subsidiaries taken as a whole, in each case free and clear of all liens, encumbrances, security interests, claims and defects that do not, singly or in the aggregate, materially affect the value of such property and do not interfere with the use made and proposed to be made of such property by the Company or any of its Subsidiaries; and all of the leases and subleases material to the business of the Company and its Subsidiaries, considered as one enterprise, and under which the Company or any of its Subsidiaries holds properties described in the Registration Statement, the Pricing Disclosure Package and the Prospectus, are in full force and effect, and neither the Company nor any Subsidiary has received any notice of any material claim of any sort that has been asserted by anyone adverse to the rights of the Company or any Subsidiary under any of the leases or subleases mentioned above, or affecting or questioning the rights of the Company or such Subsidiary to the continued possession of the leased or subleased premises under any such lease or sublease.

2.41 Contracts Affecting Capital. There are no transactions, arrangements or other relationships between and/or among the Company, any of its affiliates (as such term is defined in Rule 405 of the Securities Act Regulations) and any unconsolidated entity, including, but not limited to, any structured finance, special purpose or limited purpose entity that could reasonably be expected to materially affect the Company's or any of its Subsidiaries' liquidity or the availability of or requirements for their capital resources required to be described or incorporated by reference in the Registration Statement, the Pricing Disclosure Package and the Prospectus which have not been described or incorporated by reference as required.

2.42 Loans to Directors or Officers. There are no outstanding loans, advances (except normal advances for business expenses in the ordinary course of business) or guarantees or indebtedness by the Company or its Subsidiaries to or for the benefit of any of the officers or directors of the Company, its Subsidiaries or any of their respective family members, except as disclosed in the Registration Statement, the Pricing Disclosure Package and the Prospectus.

2.43 [INTENTIONALLY OMITTED]

2.44 Smaller Reporting Company. As of the time of filing of the Registration Statement, the Company was, and currently is, a "smaller reporting company," as defined in Rule 12b-2 of the Exchange Act Regulations.

2.45 Industry Data. The statistical and market-related data included in each of the Registration Statement, the Pricing Disclosure Package and the Prospectus are based on or derived from sources that the Company reasonably and in good faith believes are reliable and accurate or represent the Company's good faith estimates that are made on the basis of data derived from such sources.

2.46 Margin Securities. The Company owns no "margin securities" as that term is defined in Regulation U of the Board of Governors of the Federal Reserve System (the "Federal Reserve Board"), and none of the proceeds of Offering will be used, directly or indirectly, for the purpose of purchasing or carrying any margin security, for the purpose of reducing or retiring any indebtedness which was originally incurred to purchase or carry any margin security or for any other purpose which might cause any of the shares of Common Stock to be considered a "purpose credit" within the meanings of Regulation T, U or X of the Federal Reserve Board.

2.47 Exchange Act Reports. The Company has filed in a timely manner all reports required to be filed pursuant to Sections 13(a), 13(e), 14 and 15(d) of the Exchange Act during the preceding 12 months (except to the extent that Section 15(d) requires reports to be filed pursuant to Sections 13(d) and 13(g) of the Exchange Act, which shall be governed by the next clause of this sentence); and the Company has filed in a timely manner all reports required to be filed pursuant to Sections 13(d) and 13(g) of the Exchange Act since January 1, 2025, except where the failure to timely file could not reasonably be expected, individually or in the aggregate, to have a Material Adverse Change.

2.48 Minute Books. The minute books of the Company and each Subsidiary since at least March 12, 2024 have been made available to the Representative and Representative Counsel, and such books (i) contain a complete summary of all meetings and actions of the board of directors (including each board committee) and stockholders of the Company and each Subsidiary (or analogous governing bodies and interest holders, as applicable), and since March 12, 2024 through the date of the latest meeting and action, and (ii) accurately in all material respects reflect all transactions referred to in such minutes. There are no material transactions, agreements, dispositions or other actions of the Company and each Subsidiary that are not properly approved and/or accurately and fairly recorded in the minute books of the Company or its Subsidiary, as applicable.

2.49 Integration. Neither the Company, nor any of its affiliates, nor any person acting on its or their behalf has, directly or indirectly, made any offers or sales of any security or solicited any offers to buy any security, under circumstances that would cause the Offering to be integrated with prior offerings by the Company for purposes of the Securities Act that would require the registration of any such securities under the Securities Act.

2.50 No Stabilization. Neither the Company nor, to its knowledge, any of its employees, directors or stockholders (without the consent of the Representative) has taken or shall take, directly or indirectly, any action designed to or that has constituted or that might reasonably be expected to cause or result in, under Regulation M of the Exchange Act, or otherwise, stabilization or manipulation of the price of any security of the Company to facilitate the sale or resale of the Public Securities.

2.51 Confidentiality and Non-Competition. To the Company's knowledge, no director, officer, key employee or consultant of the Company is subject to any confidentiality, non-disclosure, non-competition agreement or non-solicitation agreement with any employer or prior employer that could reasonably be expected to materially affect his ability to be and act in his respective capacity of the Company or be expected to result in a Material Adverse Change.

2.52 Testing-the-Waters Communications. The Company has not (i) alone engaged in any Testing-the-Waters Communications, other than Testing-the-Waters Communications with the written consent of the Representative and with entities that are qualified institutional buyers within the meaning of Rule 144A under the Securities Act or institutions that are accredited investors within the meaning of Rule 501 under the Securities Act and (ii) authorized anyone other than the Representative to engage in Testing-the-Waters Communications. The Company confirms that the Representative has been authorized to act on its behalf in undertaking Testing-the-Waters Communications. The Company has not distributed any Written Testing-the-Waters Communications other than those listed on Schedule 2-C hereto. "Written Testing-the-Waters Communication" means any Testing-the-Waters Communication that is a written communication within the meaning of Rule 405 under the Securities Act.

2.53 Electronic Road Show. The Company has made available a Bona Fide Electronic Road Show in compliance with Rule 433(d)(8)(ii) of the Securities Act Regulations such that no filing of any "road show" (as defined in Rule 433(h) of the Securities Act Regulations) is required in connection with the Offering.

3. Covenants of the Company. The Company covenants and agrees as follows:

3.1 Amendments to Registration Statement. The Company shall deliver to the Representative, prior to filing, any amendment or supplement to the Registration Statement, Preliminary Prospectus, Pricing Disclosure Package or Prospectus proposed to be filed after the date hereof and not file any such amendment or supplement to which the Representative shall reasonably object in writing.

3.2 Federal Securities Laws.

3.2.1. Compliance. The Company, subject to Section 3.2.2, shall comply with the requirements of Rule 424(b) and Rule 430A of the Securities Act Regulations, and will notify the Representative promptly, and confirm the notice in writing, (i) when any post-effective amendment to the Registration Statement shall become effective or any amendment or supplement to the Pricing Disclosure Package or the Prospectus shall have been filed; (ii) of the receipt of any comments from the Commission; (iii) of any request by the Commission for any amendment to the Registration Statement or any amendment or supplement to the Pricing Disclosure Package or the Prospectus or for additional information; (iv) of the issuance by the Commission of any stop order suspending the effectiveness of the Registration Statement or any post-effective amendment or of any order preventing or suspending the use of any Preliminary Prospectus, the Pricing Disclosure Package or the Prospectus, or of the suspension of the qualification of the Public Securities for offering or sale in any jurisdiction, or of the initiation or threatening of any proceedings for any of such purposes or of any examination pursuant to Section 8(d) or 8(e) of the Securities Act concerning the Registration Statement; and (v) if the Company becomes the subject of a proceeding under Section 8A of the Securities Act in connection with the Offering of the Public Securities. The Company shall effect all filings required under Rule 424(b) of the Securities Act Regulations, in the manner and within the time period required by Rule 424(b) (without reliance on Rule 424(b)(8)), and shall take such steps as it deems necessary to ascertain promptly whether the form of prospectus transmitted for filing under Rule 424(b) was received for filing by the Commission and, in the event that it was not, it will promptly file such prospectus. The Company shall use its reasonable best efforts to prevent the issuance of any stop order, prevention or suspension and, if any such order is issued, to obtain the lifting thereof at the earliest possible moment.

3.2.2. Continued Compliance. The Company shall comply with the Securities Act, the Securities Act Regulations, the Exchange Act and the Exchange Act Regulations so as to permit the completion of the distribution of the Public Securities as contemplated in this Agreement and in the Registration Statement, the Pricing Disclosure Package and the Prospectus. If at any time when a prospectus relating to the Public Securities is (or, but for the exception afforded by Rule 172 of the Securities Act Regulations (“**Rule 172**”), would be) required by the Securities Act to be delivered in connection with sales of the Public Securities, any event shall occur or condition shall exist as a result of which it is necessary, in the opinion of counsel for the Underwriters or for the Company, to (i) amend the Registration Statement in order that the Registration Statement will not include an untrue statement of a material fact or omit to state a material fact required to be stated therein or necessary to make the statements therein not misleading; (ii) amend or supplement the Pricing Disclosure Package or the Prospectus in order that the Pricing Disclosure Package or the Prospectus, as the case may be, will not include any untrue statement of a material fact or omit to state a material fact necessary in order to make the statements therein not misleading in the light of the circumstances existing at the time it is delivered to a purchaser or (iii) amend the Registration Statement or amend or supplement the Pricing Disclosure Package or the Prospectus, as the case may be, in order to comply with the requirements of the Securities Act or the Securities Act Regulations, the Company will promptly (A) give the Representative notice of such event; (B) prepare any amendment or supplement as may be necessary to correct such statement or omission or to make the Registration Statement, the Pricing Disclosure Package or the Prospectus comply with such requirements and, a reasonable amount of time prior to any proposed filing or use, furnish the Representative with copies of any such amendment or supplement and (C) file with the Commission any such amendment or supplement; provided, however, that the Company shall not file or use any such amendment or supplement to which the Representative or counsel for the Underwriters shall reasonably object. The Company will furnish to the Underwriters such number of copies of such amendment or supplement as the Underwriters may reasonably request. The Company has given the Representative notice of any filings made pursuant to the Exchange Act or the Exchange Act Regulations within 48 hours prior to the Applicable Time. The Company shall give the Representative notice of its intention to make any such filing from the Applicable Time until the later of the Closing Date and the exercise in full or expiration of the Over-allotment Option and will furnish the Representative with copies of the related document(s) a reasonable amount of time prior to such proposed filing, as the case may be, and will not file or use any such document to which the Representative or counsel for the Underwriters shall reasonably object.

3.2.3. Exchange Act Registration. For a period of three (3) years after the date of this Agreement, the Company shall use its best efforts to maintain the registration of the shares of Common Stock under the Exchange Act. The Company shall not deregister the shares of Common Stock under the Exchange Act without the prior written consent of the Representative, which consent shall not unreasonably be withheld or delayed.

3.2.4. Free Writing Prospectuses. The Company agrees that, unless it obtains the prior written consent of the Representative, it shall not make any offer relating to the Public Securities that would constitute an Issuer Free Writing Prospectus or that would otherwise constitute a “free writing prospectus,” or a portion thereof, required to be filed by the Company with the Commission or retained by the Company under Rule 433; provided, however, that the Representative shall be deemed to have consented to each Issuer General Use Free Writing Prospectus hereto and any “road show that is a written communication” within the meaning of Rule 433(d)(8)(i) that has been reviewed by the Representative. The Company represents that it has treated or agrees that it will treat each such free writing prospectus consented to, or deemed consented to, by the Underwriters as an “issuer free writing prospectus,” as defined in Rule 433, and that it has complied and will comply with the applicable requirements of Rule 433 with respect thereto, including timely filing with the Commission where required, legending and record keeping. If at any time following issuance of an Issuer Free Writing Prospectus there occurred or occurs an event or development as a result of which such Issuer Free Writing Prospectus conflicted or would conflict with the information contained in the Registration Statement or included or would include an untrue statement of a material fact or omitted or would omit to state a material fact necessary in order to make the statements therein, in the light of the circumstances existing at that subsequent time, not misleading, the Company will promptly notify the Underwriters and will promptly amend or supplement, at its own expense, such Issuer Free Writing Prospectus to eliminate or correct such conflict, untrue statement or omission.

3.2.5. Testing-the-Waters Communications. If at any time following the distribution of any Written Testing-the-Waters Communication there occurred or occurs an event or development as a result of which such Written Testing-the-Waters Communication included or would include an untrue statement of a material fact or omitted or would omit to state a material fact necessary in order to make the statements therein, in the light of the circumstances existing at that subsequent time, not misleading, the Company shall promptly notify the Representative and shall promptly amend or supplement, at its own expense, such Written Testing-the-Waters Communication to eliminate or correct such untrue statement or omission.

3.3 Delivery to the Underwriters of Registration Statements. The Company has delivered or made available or shall deliver or make available to the Representative and counsel for the Representative, without charge, signed copies of the Registration Statement as originally filed and each amendment thereto (including exhibits filed therewith or incorporated by reference therein and documents incorporated or deemed to be incorporated by reference therein) and signed copies of all consents and certificates of experts, and will also deliver to the Underwriters, without charge, a conformed copy of the Registration Statement as originally filed and each amendment thereto (without exhibits) for each of the Underwriters. The copies of the Registration Statement and each amendment thereto furnished to the Underwriters will be identical to the electronically transmitted copies thereof filed with the Commission pursuant to EDGAR, except to the extent permitted by Regulation S-T.

3.4 Delivery to the Underwriters of Prospectuses. The Company has delivered or made available or will deliver or make available to each Underwriter, without charge, as many copies of each Preliminary Prospectus as such Underwriter reasonably requested, and the Company hereby consents to the use of such copies for purposes permitted by the Securities Act. The Company will furnish to each Underwriter, without charge, during the period when a prospectus relating to the Public Securities is (or, but for the exception afforded by Rule 172, would be) required to be delivered under the Securities Act, such number of copies of the Prospectus (as amended or supplemented) as such Underwriter may reasonably request. The Prospectus and any amendments or supplements thereto furnished to the Underwriters will be identical to the electronically transmitted copies thereof filed with the Commission pursuant to EDGAR, except to the extent permitted by Regulation S-T.

3.5 Effectiveness and Events Requiring Notice to the Representative. The Company shall use its best efforts to cause the Registration Statement to remain effective with a current prospectus until the later of (i) at least nine (9) months after the Applicable Time and (ii) through and including the expiration date of the Pre-Funded Warrants (or the date that all of the Pre-Funded Warrants have been exercised, if earlier), and shall notify the Representative immediately and confirm the notice in writing: (i) of the effectiveness of the Registration Statement and any amendment thereto; (ii) of the issuance by the Commission of any stop order or of the initiation, or the threatening, of any proceeding for that purpose; (iii) of the issuance by any state securities commission of any proceedings for the suspension of the qualification of the Public Securities for offering or sale in any jurisdiction or of the initiation, or the threatening, of any proceeding for that purpose; (iv) of the mailing and delivery to the Commission for filing of any amendment or supplement to the Registration Statement or Prospectus; (v) of the receipt of any comments or request for any additional information from the Commission; and (vi) of the happening of any event during the period described in this Section 3.5 that, in the judgment of the Company, makes any statement of a material fact made in the Registration Statement, the Pricing Disclosure Package or the Prospectus untrue or that requires the making of any changes in (a) the Registration Statement in order to make the statements therein not misleading, or (b) in the Pricing Disclosure Package or the Prospectus in order to make the statements therein, in light of the circumstances under which they were made, not misleading. If the Commission or any state securities commission shall enter a stop order or suspend such qualification at any time, the Company shall make every reasonable effort to obtain promptly the lifting of such order.

3.6 Review of Financial Statements. For a period of five (5) years after the date of this Agreement, the Company, at its expense, shall cause its regularly engaged independent registered public accounting firm to review (but not audit) the Company's financial statements for each of the three fiscal quarters immediately preceding the announcement of any quarterly financial information.

3.7 Listing. The Company shall use its commercially reasonable efforts to maintain the listing of the shares of Common Stock on the Exchange for at least three (3) years from the date of this Agreement.

3.8 Financial Public Relations Firm. The Company has retained a financial public relations firm reasonably acceptable to the Representative and the Company, which firm shall be experienced in assisting issuers in public offerings of securities and in their relations with their security holders, and shall retain such firm or another firm reasonably acceptable to the Representative for a period of not less than two (2) years after the date hereof. The Representative and the Company hereby acknowledge and agree that RedChip Companies, Inc. is an acceptable financial public relations firm.

3.9 Reports to the Representative.

3.9.1. Periodic Reports, etc. For a period of three (3) years after the date of this Agreement, the Company shall furnish or make available to the Representative copies of such financial statements and other periodic and special reports as the Company from time to time furnishes generally to holders of any class of its securities and also promptly furnish to the Representative: (i) a copy of each periodic report the Company shall be required to file with the Commission under the Exchange Act and the Exchange Act Regulations; (ii) a copy of every press release and every news item and article with respect to the Company or its affairs which was released by the Company; (iii) a copy of each Form 8-K prepared and filed by the Company; (iv) five copies of each registration statement filed by the Company under the Securities Act; (v) a copy of each report or other communication furnished to stockholders; and (vi) such additional documents and information with respect to the Company and the affairs of any future subsidiaries of the Company as the Representative may from time to time reasonably request; provided, however, the Representative shall sign, if requested by the Company, a Regulation FD compliant confidentiality agreement which is reasonably acceptable to the Representative and Representative Counsel in connection with the Representative's receipt of such information. Documents filed with the Commission pursuant to its EDGAR system shall be deemed to have been delivered to the Representative pursuant to this Section 3.9.1.

3.9.2. Transfer Agent; Transfer Sheets. For a period of three (3) years after the date of this Agreement, the Company shall retain a transfer agent, and registrar acceptable to the Representative (the “Transfer Agent”) and shall furnish to the Representative at the Company’s sole cost and expense such transfer sheets of the Company’s securities as the Representative may reasonably request, including the daily and monthly consolidated transfer sheets of the Transfer Agent and DTC. Computershare Trust Company, N.A. is acceptable to the Representative to act as Transfer Agent for the shares of Common Stock.

3.9.3. Trading Reports. For a period of six (6) months after the date hereof, the Company shall provide to the Representative, at the Company’s expense, such reports published by Exchange relating to price trading of the Public Securities, the Pre-Funded Warrant Shares and the shares of Common Stock underlying the Representative’s Warrant, as the Representative shall reasonably request.

3.10 Payment of Expenses. The Company hereby agrees to pay on each of the Closing Date and the Option Closing Date, if any, to the extent not paid at the Closing Date, all expenses incident to the performance of the obligations of the Company under this Agreement, including, but not limited to, (a) all filing fees and communication expenses relating to the registration of the Securities to be sold in the Offering (including the Option Securities) with the Commission; (b) all filing fees and expenses associated with the review of the Offering by FINRA; (c) all fees and expenses relating to the listing of the Shares and the Pre-Funded Warrant Shares on The Nasdaq Capital Market, The Nasdaq Global Market, The Nasdaq Global Select Market, the NYSE or the NYSE American and on such other stock exchanges as the Company and the Representative together determine, including any fees charged by DTC for new securities; (d) all fees, expenses and disbursements relating to background checks of the Company’s officers, directors and entities in an amount not to exceed \$15,000 in the aggregate; (e) all fees, expenses and disbursements relating to the registration or qualification of such Securities under the “blue sky” securities laws of such states, if applicable, and other jurisdictions as the Representative may reasonably designate; (f) all fees, expenses and disbursements relating to the registration, qualification or exemption of such Shares under the securities laws of such foreign jurisdictions as the Representative may reasonably designate; (g) the costs of all mailing and printing of the underwriting documents (including, without limitation, the Underwriting Agreement, the Pre-Funded Warrants, any Blue Sky Surveys and, if appropriate, any Agreement Among Underwriters, Selected Dealers’ Agreement, Underwriters’ Questionnaire and Power of Attorney), Registration Statements, Prospectuses, and all amendments, supplements and exhibits thereto and as many preliminary and final Prospectuses as the Underwriter may reasonably deem necessary; (h) the costs and expenses of the public relations firm; (i) the costs of preparing, printing and delivering certificates representing the Public Securities; (j) fees and expenses of the transfer agent for the Common Stock; (k) stock transfer and/or stamp taxes, if any, payable upon the transfer of securities from the Company to the Underwriters; (l) the costs associated with post-Closing advertising the Offering in the national editions of the Wall Street Journal and New York Times; (m) the costs associated with bound volumes of the public offering materials as well as commemorative mementos and lucite tombstones, each of which the Company or its designee will provide within a reasonable time after the Closing in such quantities as the Underwriters may reasonably request; (n) the fees and expenses of the Company’s accountants; (o) the fees and expenses of the Company’s legal counsel and other agents and representatives; (p) the fees and expenses of the Underwriter’s legal counsel not to exceed \$125,000; (q) the \$29,500 cost associated with the use of Ipreo’s book building, prospectus tracking and compliance software for the Offering; (r) \$10,000 for data services and communications expenses; (s) up to \$10,000 of the Underwriters’ actual accountable “road show” expenses; and (t) up to \$30,000 of the Underwriter’s market making and trading, and clearing firm settlement expenses for the Offering. The Representative may deduct from the net proceeds of the Offering payable to the Company on the Closing Date, or the Option Closing Date, if any, the expenses set forth herein (less any amounts previously advanced (if any) against such actual reimbursable expense) to be paid by the Company to the Underwriters; provided however, that it is agreed that the total reimbursable expenses to be paid by the Company to the Underwriters shall not exceed \$175,000 (inclusive of the \$42,500 advance); and provided, further, in the event that the Offering is terminated, the Company agrees to reimburse the Underwriters pursuant to Section 8.3(c).

3.11 [INTENTIONALLY OMITTED]

3.12 Application of Net Proceeds. The Company shall apply the net proceeds from the Offering received by it in a manner consistent with the application thereof described under the caption "Use of Proceeds" in the Registration Statement, the Pricing Disclosure Package and the Prospectus.

3.13 Delivery of Earnings Statements to Security Holders. The Company shall make generally available to its security holders as soon as practicable, but not later than the first day of the fifteenth (15th) full calendar month following the date of this Agreement, an earnings statement (which need not be certified by independent registered public accounting firm unless required by the Securities Act or the Securities Act Regulations, but which shall satisfy the provisions of Rule 158(a) under Section 11(a) of the Securities Act) covering a period of at least twelve (12) consecutive months beginning after the date of this Agreement.

3.14 Stabilization. Neither the Company nor, to its knowledge, any of its employees, directors or stockholders (without the consent of the Representative) has taken or shall take directly or indirectly, any action designed to or that has constituted or that might reasonably be expected to cause or result in, under Regulation M of the Exchange Act, or otherwise, stabilization or manipulation of the price of any security of the Company to facilitate the sale or resale of the Public Securities.

3.15 Internal Controls. The Company shall maintain a system of internal accounting controls sufficient to provide reasonable assurances that: (i) transactions are executed in accordance with management's general or specific authorization; (ii) transactions are recorded as necessary in order to permit preparation of financial statements in accordance with GAAP and to maintain accountability for assets; (iii) access to assets is permitted only in accordance with management's general or specific authorization; and (iv) the recorded accountability for assets is compared with existing assets at reasonable intervals and appropriate action is taken with respect to any differences.

3.16 Accountants. As of the date of this Agreement, the Company shall continue to retain a nationally recognized independent registered public accounting firm for a period of at least three (3) years after the date of this Agreement. The Representative acknowledges that the Company's current independent registered public accounting firm, CBIZ is acceptable to the Representative.

3.17 FINRA. The Company shall advise the Representative (who shall make an appropriate filing with FINRA) if it is or becomes aware that (i) any officer or director of the Company, (ii) any beneficial owner of 10% or more of any class of the Company's securities or (iii) any beneficial owner of the Company's unregistered equity securities which were acquired during the 180 days immediately preceding the filing of the Registration Statement is or becomes an affiliate or associated person of a FINRA member participating in the Offering (as determined in accordance with the rules and regulations of FINRA).

3.18 No Fiduciary Duties. The Company acknowledges and agrees that the Underwriters' responsibility to the Company is solely contractual in nature and that none of the Underwriters or their affiliates or any selling agent shall be deemed to be acting in a fiduciary capacity, or otherwise owes any fiduciary duty to the Company or any of its affiliates in connection with the Offering and the other transactions contemplated by this Agreement.

3.19 Restriction on Continuous Offerings. Notwithstanding the restrictions contained in Section 3.20, the Company, on behalf of itself and any successor entity, agrees that, without the prior written consent of the Representative, it will not, for a period of ninety (90) days after the date of this Agreement, directly or indirectly in any "at-the-market" or continuous equity or similar offering facility, variable rate transaction, offer to sell, sell, contract to sell, grant any option to sell or otherwise dispose of shares of capital stock of the Company or any securities convertible into or exercisable or exchangeable for shares of capital stock of the Company.

3.20 Company Lock-Up Agreements. The Company, on behalf of itself and any successor entity, agrees that, without the prior written consent of the Representative, it will not for a period of sixty (60) days after the date of this Agreement (the "**Lock-Up Period**"), (i) offer, pledge, sell, contract to sell, sell any option or contract to purchase, purchase any option or contract to sell, grant any option, right or warrant to purchase, lend, or otherwise transfer or dispose of, directly or indirectly, any shares of capital stock of the Company or any securities convertible into or exercisable or exchangeable for shares of capital stock of the Company; (ii) file or cause to be filed any registration statement with the Commission relating to the offering of any shares of capital stock of the Company or any securities convertible into or exercisable or exchangeable for shares of capital stock of the Company other than a universal shelf registration statement on Form S-3, a registration statement for the resale of securities held by the Representative and a registration statement on Form S-8; or (iii) complete any offering of debt securities of the Company, other than entering into a line of credit with a traditional bank or (iv) enter into any swap or other arrangement that transfers to another, in whole or in part, any of the economic consequences of ownership of capital stock of the Company, whether any such transaction described in clause (i), (ii), (iii) or (iv) above is to be settled by delivery of shares of capital stock of the Company or such other securities, in cash or otherwise.

The restrictions contained in this Section 3.20 shall not apply to (i) the shares of Common Stock to be sold hereunder, including the Underlying Shares, (ii) the issuance by the Company of shares of Common Stock upon the exercise of a stock option or warrant or the conversion of a security outstanding on the date hereof, which is disclosed in the Registration Statement, Pricing Disclosure Package and Prospectus, provided that such options, warrants, and securities have not been amended since the date of this Agreement to increase the number of such securities or to decrease the exercise price, exchange price or conversion price of such securities or to extend the term of such securities, (iii) the issuance by the Company of stock options, or any other securities exercisable or exchangeable for or convertible into shares or capital stock of the Company, or shares of capital stock of the Company or other awards under any equity compensation plan, or stock or option plan, of the Company, (iv) the issuance by the Company of 33,500 shares of Common Stock pursuant to existing obligations outstanding on the date hereof, which is disclosed in the Registration Statement, Pricing Disclosure Package and Prospectus, provided that in each of (ii), (iii) and (iv) above, the underlying shares shall be restricted from sale during the entire Lock-Up Period, and (v) the issuance by the Company of restricted shares of Common Stock in connection with mergers, acquisitions or joint ventures, provided that such securities are issued as "restricted securities" (as defined in Rule 144) and carry no registration rights that require or permit the filing of any registration statement in connection therewith during the Lock-Up Period, and provided that any such issuance shall only be to a Person (or to the equityholders of a Person) which is, itself or through its subsidiaries, an operating company or an owner of an asset in a business synergistic with the business of the Company and shall provide to the Company additional benefits in addition to the investment of funds, but shall not include a transaction in which the Company is issuing securities primarily for the purpose of raising capital or to an entity whose primary business is investing in securities.

3.21 Release of D&O Lock-up Period. If the Representative, in its sole discretion, agrees to release or waive the restrictions set forth in the Lock-Up Agreements described in Section 2.25 hereof for an officer or director of the Company and provide the Company with notice of the impending release or waiver at least three (3) Business Days before the effective date of the release or waiver, the Company agrees to announce the impending release or waiver by a press release substantially in the form of Exhibit C hereto through a major news service at least two (2) Business Days before the effective date of the release or waiver.

3.22 Blue Sky Qualifications. The Company shall use its reasonable best efforts, in cooperation with the Underwriters, if necessary, to qualify the Public Securities for offering and sale under the applicable securities laws of such states and other jurisdictions (domestic or foreign) as the Representative may designate and to maintain such qualifications in effect so long as required to complete the distribution of the Public Securities; provided, however, that the Company shall not be obligated to file any general consent to service of process or to qualify as a foreign corporation or as a dealer in securities in any jurisdiction in which it is not so qualified or to subject itself to taxation in respect of doing business in any jurisdiction in which it is not otherwise so subject.

3.23 Reporting Requirements. The Company, during the period when a prospectus relating to the Public Securities is (or, but for the exception afforded by Rule 172, would be) required to be delivered under the Securities Act, will file all documents required to be filed with the Commission pursuant to the Exchange Act within the time periods required by the Exchange Act and Exchange Act Regulations. Additionally, the Company shall report the use of proceeds from the issuance of the Public Securities as may be required under Rule 463 under the Securities Act Regulations.

3.24 Press Release. Prior to the Closing Date and any Option Closing Date, the Company shall not issue any press release or other communication directly or indirectly or hold any press conference with respect to the Company, its condition, financial or otherwise, or earnings, business affairs or business prospects (except for routine oral marketing communications in the ordinary course of business and consistent with the past practices of the Company and of which the Representative is notified), without the prior written consent of the Representative, which consent shall not be unreasonably withheld, unless in the judgment of the Company and its counsel, and after notification to the representative, such press release or communication is required by law.

3.25 Sarbanes Oxley. The Company shall at all times comply with all applicable provisions of the Sarbanes Oxley Act in effect from time to time.

3.26 Reservation of Common Stock. As of the date hereof, the Company has irrevocably reserved, and the Company shall continue to reserve and keep available at all times, free of pre-emptive rights, a sufficient number of shares of Common Stock for the purpose of enabling the Company to issue the Underlying Shares.

4. Conditions of Underwriters' Obligations. The obligations of the Underwriters to purchase and pay for the Public Securities, as provided herein, shall be subject to (i) the continuing accuracy of the representations and warranties of the Company as of the date hereof and as of each of the Closing Date and the Option Closing Date, if any; (ii) the accuracy of the statements of officers of the Company made pursuant to the provisions hereof; (iii) the performance by the Company of its obligations hereunder; and (iv) the following conditions:

4.1 Regulatory Matters.

4.1.1. Effectiveness of Registration Statement: Rule 430A Information. The Registration Statement has become effective not later than 5:00 p.m. Eastern time, on the date of this Agreement or such later date and time as shall be consented to in writing by you, and at each of the Closing Date and any Option Closing Date, no stop order suspending the effectiveness of the Registration Statement or any post-effective amendment thereto has been issued under the Securities Act, no order preventing or suspending the use of any Preliminary Prospectus or the Prospectus has been issued and no proceedings for any of those purposes have been instituted or are pending or, to the Company's knowledge, contemplated by the Commission. The Company has complied with each request (if any) from the Commission for additional information. A Prospectus containing the Rule 430A Information shall have been filed with the Commission in the manner and within the time frame required by Rule 424(b) under the Securities Act Regulations (without reliance on Rule 424(b)(8)) or a post-effective amendment providing such information shall have been filed with, and declared effective by, the Commission in accordance with the requirements of Rule 430A under the Securities Act regulations.

4.1.2. FINRA Clearance. On or before the date of this Agreement, the Representative shall have received clearance from FINRA as to the amount of compensation allowable or payable to the Underwriters as described in the Registration Statement.

4.1.3. Exchange Clearance. On or prior to the Closing Date, the Company shall have submitted a Nasdaq Listing of Additional Shares Notification Form with respect to the Public Securities.

4.2 Company Counsel Matters.

4.2.1. Closing Date Opinion of Counsel. On the Closing Date, the Representative shall have received the opinion of Mitchell Silberberg & Knupp LLP, counsel to the Company, and a written statement providing certain “10b-5” negative assurances, dated the Closing Date and addressed to the Representative, in form and substance reasonably acceptable to the Representative.

4.2.2. Option Closing Date Opinions of Counsel. On the Option Closing Date, if any, the Representative shall have received the favorable opinions of counsel listed in Section 4.2.1, dated the Option Closing Date, addressed to the Representative and in form and substance reasonably satisfactory to the Representative, confirming as of the Option Closing Date, the statements made by such counsel in its respective opinions delivered on the Closing Date.

4.2.3. Reliance. In rendering such opinions, such counsel may rely: (i) as to matters involving the application of laws other than the laws of the United States and jurisdictions in which they are admitted, to the extent such counsel deems proper and to the extent specified in such opinion, if at all, upon an opinion or opinions (in form and substance reasonably satisfactory to the Representative) of other counsel reasonably acceptable to the Representative, familiar with the applicable laws; and (ii) as to matters of fact, to the extent they deem proper, on certificates or other written statements of officers of the Company and officers of departments of various jurisdictions having custody of documents respecting the corporate existence or good standing of the Company, provided that copies of any such statements or certificates shall be delivered to Representative Counsel if requested. The opinions of Mitchell Silberberg & Knupp LLP listed in Section 4.2.1 and any opinion relied upon by any such counsel shall include a statement to the effect that it may be relied upon by Representative Counsel in its opinion delivered to the Underwriters.

4.3 Comfort Letters.

4.3.1. Cold Comfort Letter. At the time this Agreement is executed you shall have received a cold comfort letter from each of Marcum and CBIZ containing statements and information of the type customarily included in accountants’ comfort letters with respect to the financial statements and certain financial information contained or incorporated by reference or deemed incorporated by reference in the Registration Statement, the Pricing Disclosure Package and the Prospectus, addressed to the Representative and in form and substance satisfactory in all respects to you, dated as of the date of this Agreement.

4.3.2. Bring-down Comfort Letter. At each of the Closing Date and the Option Closing Date, if any, the Representative shall have received from each of Marcum and CBIZ a letter, dated as of the Closing Date or the Option Closing Date, as applicable, to the effect that Marcum and CBIZ each reaffirms the statements made in their respective letter furnished pursuant to Section 4.3.1, except that the specified date referred to shall be a date not more than three (3) business days prior to the Closing Date or the Option Closing Date, as applicable.

4.4 Officers' Certificates.

4.4.1. Officers' Certificate. The Company shall have furnished to the Representative a certificate, dated the Closing Date and any Option Closing Date (if such date is other than the Closing Date), of its Chief Executive Officer and its Chief Financial Officer stating that (i) such officers have carefully examined the Registration Statement, the Pricing Disclosure Package, any Issuer Free Writing Prospectus and the Prospectus and, in their opinion, the Registration Statement and each amendment thereto, as of the Applicable Time and as of the Closing Date (or any Option Closing Date if such date is other than the Closing Date) did not include any untrue statement of a material fact and did not omit to state a material fact required to be stated therein or necessary to make the statements therein not misleading, and the Pricing Disclosure Package, as of the Applicable Time and as of the Closing Date (or any Option Closing Date if such date is other than the Closing Date), any Issuer Free Writing Prospectus as of its date and as of the Closing Date (or any Option Closing Date if such date is other than the Closing Date), and the Prospectus and each amendment or supplement thereto, as of the respective dates thereof and as of the Closing Date, did not include any untrue statement of a material fact and did not omit to state a material fact necessary in order to make the statements therein, in the light of the circumstances in which they were made, not misleading, (ii) since the effective date of the Registration Statement, no event has occurred which should have been set forth in a supplement or amendment to the Registration Statement, the Pricing Disclosure Package or the Prospectus, (iii) to the best of their knowledge after reasonable investigation, as of the Closing Date (or any Option Closing Date if such date is other than the Closing Date), the representations and warranties of the Company in this Agreement are true and correct in all material respects (except for those representations and warranties qualified as to materiality, which shall be true and correct in all respects and except for those representations and warranties which refer to facts existing at a specific date, which shall be true and correct as of such date) and the Company has complied with all agreements and satisfied all conditions on its part to be performed or satisfied hereunder at or prior to the Closing Date (or any Option Closing Date if such date is other than the Closing Date), and (iv) there has not been, subsequent to the date of the most recent audited financial statements included or incorporated by reference in the Pricing Disclosure Package, any material adverse change in the financial position or results of operations of the Company, or any change or development that, singularly or in the aggregate, would involve a material adverse change or a prospective material adverse change, in or affecting the condition (financial or otherwise), results of operations, business, assets or prospects of the Company, except as set forth in the Prospectus.

4.4.2. Secretary's Certificate. At each of the Closing Date and the Option Closing Date, if any, the Representative shall have received a certificate of the Company signed by the Secretary of the Company, dated the Closing Date or the Option Date, as the case may be, respectively, certifying: (i) that each of the Charter and Bylaws is true and complete, has not been modified and is in full force and effect; (ii) that the resolutions of the Company's Board of Directors relating to the Offering are in full force and effect and have not been modified; (iii) as to the accuracy and completeness of all correspondence between the Company or its counsel and the Commission; and (iv) as to the incumbency of the officers of the Company. The documents referred to in such certificate shall be attached to such certificate.

4.4.3. Chief Financial Officer's Certificate. At each of the Closing Date and the Option Closing Date, if any, the Representative shall have received a certificate of the Chief Financial Officer of the Company, dated the Closing Date or the Option Closing Date, as the case may be, respectively, with respect to the accuracy of certain information contained in the Registration Statement, the Pricing Disclosure Package and the Prospectus, in a form reasonably acceptable to the Representative.

4.5 No Material Changes. Prior to and on each of the Closing Date and each Option Closing Date, if any: (i) there shall have been no Material Adverse Change or development involving a prospective Material Adverse Change from the latest dates as of which such condition is set forth in the Registration Statement and no change in the capital stock or debt of the Company, the Pricing Disclosure Package and the Prospectus; (ii) no action, suit or proceeding, at law or in equity, shall have been pending or threatened against the Company or any Insider before or by any court or federal or state commission, board or other administrative agency wherein an unfavorable decision, ruling or finding may materially adversely affect the business, operations, properties, assets, prospects or financial condition or income of the Company, except as set forth in the Registration Statement, the Pricing Disclosure Package and the Prospectus; (iii) no stop order shall have been issued under the Securities Act and no proceedings therefor shall have been initiated or threatened by the Commission; (iv) no action shall have been taken and no law, statute, rule, regulation or order shall have been enacted, adopted or issued by any Governmental Entity that would prevent the issuance or sale of the Public Securities or materially and adversely affect or potentially materially and adversely affect the business or operations of the Company; (v) no injunction, restraining order or order of any other nature by any federal or state court of competent jurisdiction shall have been issued that would prevent the issuance or sale of the Public Securities or materially and adversely affect or potentially materially and adversely affect the business or operations of the Company; and (vi) the Registration Statement, the Pricing Disclosure Package and the Prospectus and any amendments or supplements thereto shall contain all material statements that are required to be stated therein in accordance with the Securities Act and the Securities Act Regulations and shall conform in all material respects to the requirements of the Securities Act and the Securities Act Regulations, and neither the Registration Statement, the Pricing Disclosure Package nor the Prospectus nor any amendment or supplement thereto shall contain any untrue statement of a material fact or omit to state any material fact required to be stated therein or necessary to make the statements therein, in light of the circumstances under which they were made, not misleading.

4.6 Corporate Proceedings. All corporate proceedings and other legal matters incident to the authorization, form and validity of each of this Agreement, the Public Securities, the Registration Statement, the Pricing Disclosure Package and the Prospectus and all other legal matters relating to this Agreement and the transactions contemplated hereby and thereby shall be reasonably satisfactory in all material respects to counsel for the Underwriters, and the Company shall have furnished to such counsel all documents and information that they may reasonably request to enable them to pass upon such matters.

4.7 Delivery of Agreements.

4.7.1. Lock-Up Agreements. On or before the date of this Agreement, the Company shall have delivered to the Representative executed copies of the Lock-Up Agreements from each of the persons listed in Schedule 3 hereto.

4.7.2. Pre-Funded Warrants. On the Closing Date and at each Option Closing Date (if any), the Company shall have delivered to the Representative executed copies of the Pre-Funded Warrants.

4.7.3. Representative's Warrant Agreement. On the Closing date, the Company shall have delivered to the Representative executed copies of the Representative's Warrant Agreement.

4.8 Additional Documents. At the Closing Date and at each Option Closing Date (if any) Representative Counsel shall have been furnished with such documents and opinions as they may require for the purpose of enabling Representative Counsel to deliver an opinion to the Underwriters, or in order to evidence the accuracy of any of the representations or warranties, or the fulfillment of any of the conditions, herein contained; and all proceedings taken by the Company in connection with the issuance and sale of the Public Securities and the as herein contemplated shall be satisfactory in form and substance to the Representative and Representative Counsel. .

5. Indemnification.

5.1 Indemnification of the Underwriters.

5.1.1. General. Subject to the conditions set forth below, the Company agrees to indemnify and hold harmless each Underwriter, its affiliates and each of its and their respective directors, officers, members, employees, representatives, partners, stockholders, affiliates, counsel, and agents and each person, if any, who controls any such Underwriter within the meaning of Section 15 of the Securities Act or Section 20 of the Exchange Act (collectively the “**Underwriter Indemnified Parties**,” and each an “**Underwriter Indemnified Party**”), against any and all loss, liability, claim, damage and expense whatsoever (including but not limited to any and all legal or other expenses reasonably incurred in investigating, preparing or defending against any litigation, commenced or threatened, or any claim whatsoever, whether arising out of any action between any of the Underwriter Indemnified Parties and the Company or between any of the Underwriter Indemnified Parties and any third party, or otherwise) to which they or any of them may become subject under the Securities Act, the Exchange Act or any other statute or at common law or otherwise or under the laws of foreign countries (a “**Claim**”), (i) arising out of or based upon any untrue statement or alleged untrue statement of a material fact contained in (A) the Registration Statement, the Pricing Disclosure Package, any Preliminary Prospectus, the Prospectus, or in any Issuer Free Writing Prospectus or in any Written Testing-the-Waters Communication (as from time to time each may be amended and supplemented); (B) any materials or information provided to investors by, or with the approval of, the Company in connection with the marketing of the Offering, including any “road show” or investor presentations made to investors by the Company (whether in person or electronically); or (C) any application or other document or written communication (in this Section 5, collectively called “**application**”) executed by the Company or based upon written information furnished by the Company in any jurisdiction in order to qualify the Public Securities under the securities laws thereof or filed with the Commission, any state securities commission or agency, the Exchange or any other national securities exchange; or the omission or alleged omission therefrom of a material fact required to be stated therein or necessary to make the statements therein, in the light of the circumstances under which they were made, not misleading, unless such statement or omission was made in reliance upon, and in conformity with, the Underwriters’ Information or (ii) otherwise arising in connection with or allegedly in connection with the Offering. The Company also agrees that it will reimburse each Underwriter Indemnified Party for all fees and expenses (including but not limited to any and all legal or other expenses reasonably incurred in investigating, preparing or defending against any litigation, commenced or threatened, or any claim whatsoever, whether arising out of any action between any of the Underwriter Indemnified Parties and the Company or between any of the Underwriter Indemnified Parties and any third party, or otherwise) (collectively, the “**Expenses**”), and further agrees wherever and whenever possible to advance payment of Expenses as they are incurred by an Underwriter Indemnified Party in investigating, preparing, pursuing or defending any Claim.

5.1.2. Procedure. If any action is brought against an Underwriter Indemnified Party in respect of which indemnity may be sought against the Company pursuant to Section 5.1.1, such Underwriter Indemnified Party shall promptly notify the Company in writing of the institution of such action and the Company shall assume the defense of such action, including the employment and fees of counsel (subject to the approval of such Underwriter Indemnified Party) and payment of actual expenses if an Underwriter Indemnified Party requests that the Company do so. Such Underwriter Indemnified Party shall have the right to employ its or their own counsel in any such case, but the fees and expenses of such counsel shall be at the expense of the Company, and shall be advanced by the Company. The Company shall not be liable for any settlement of any action effected without its consent (which shall not be unreasonably withheld). In addition, the Company shall not, without the prior written consent of the Underwriters, settle, compromise or consent to the entry of any judgment in or otherwise seek to terminate any pending or threatened action in respect of which advancement, reimbursement, indemnification or contribution may be sought hereunder (whether or not such Underwriter Indemnified Party is a party thereto) unless such settlement, compromise, consent or termination (i) includes an unconditional release of each Underwriter Indemnified Party, acceptable to such Underwriter Indemnified Party, from all liabilities, expenses and claims arising out of such action for which indemnification or contribution may be sought and (ii) does not include a statement as to or an admission of fault, culpability or a failure to act, by or on behalf of any Underwriter Indemnified Party.

5.2 Indemnification of the Company. Each Underwriter, severally and not jointly, agrees to indemnify and hold harmless the Company, its directors, its officers who signed the Registration Statement and persons who control the Company within the meaning of Section 15 of the Securities Act or Section 20 of the Exchange Act against any and all loss, liability, claim, damage and expense described in the foregoing indemnity from the Company to the several Underwriters, as incurred, but only with respect to untrue statements or omissions made in the Registration Statement, any Preliminary Prospectus, the Pricing Disclosure Package or Prospectus or any amendment or supplement thereto or in any application, in reliance upon, and in strict conformity with, the Underwriters' Information. In case any action shall be brought against the Company or any other person so indemnified based on any Preliminary Prospectus, the Registration Statement, the Pricing Disclosure Package or Prospectus or any amendment or supplement thereto or any application, and in respect of which indemnity may be sought against any Underwriter, such Underwriter shall have the rights and duties given to the Company, and the Company and each other person so indemnified shall have the rights and duties given to the several Underwriters by the provisions of Section 5.1.2. The Company agrees promptly to notify the Representative of the commencement of any litigation or proceedings against the Company or any of its officers, directors or any person, if any, who controls the Company within the meaning of Section 15 of the Securities Act or Section 20 of the Exchange Act, in connection with the issuance and sale of the Public Securities or in connection with the Registration Statement, the Pricing Disclosure Package, the Prospectus, or any Issuer Free Writing Prospectus or any Written Testing-the-Waters Communication.

5.3 Contribution.

5.3.1. Contribution Rights. If the indemnification provided for in this Section 5 shall for any reason be unavailable to or insufficient to hold harmless an indemnified party under Section 5.1 or 5.2 in respect of any loss, claim, damage or liability, or any action in respect thereof, referred to therein, then each indemnifying party shall, in lieu of indemnifying such indemnified party, contribute to the amount paid or payable by such indemnified party as a result of such loss, claim, damage or liability, or action in respect thereof, (i) in such proportion as shall be appropriate to reflect the relative benefits received by the Company, on the one hand, and the Underwriters, on the other, from the Offering of the Public Securities, or (ii) if the allocation provided by clause (i) above is not permitted by applicable law, in such proportion as is appropriate to reflect not only the relative benefits referred to in clause (i) above but also the relative fault of the Company, on the one hand, and the Underwriters, on the other, with respect to the statements or omissions that resulted in such loss, claim, damage or liability, or action in respect thereof, as well as any other relevant equitable considerations. The relative benefits received by the Company, on the one hand, and the Underwriters, on the other, with respect to such Offering shall be deemed to be in the same proportion as the total net proceeds from the Offering of the Public Securities purchased under this Agreement (before deducting expenses) received by the Company, as set forth in the table on the cover page of the Prospectus, on the one hand, and the total underwriting discounts and commissions received by the Underwriters with respect to the shares of the Common Stock purchased under this Agreement, as set forth in the table on the cover page of the Prospectus, on the other hand. The relative fault shall be determined by reference to whether the untrue or alleged untrue statement of a material fact or omission or alleged omission to state a material fact relates to information supplied by the Company or the Underwriters, the intent of the parties and their relative knowledge, access to information and opportunity to correct or prevent such statement or omission. The Company and the Underwriters agree that it would not be just and equitable if contributions pursuant to this Section 5.3.1 were to be determined by pro rata allocation (even if the Underwriters were treated as one entity for such purpose) or by any other method of allocation that does not take into account the equitable considerations referred to herein. The amount paid or payable by an indemnified party as a result of the loss, claim, damage or liability, or action in respect thereof, referred to above in this Section 5.3.1 shall be deemed to include, for purposes of this Section 5.3.1, any legal or other expenses reasonably incurred by such indemnified party in connection with investigating or defending any such action or claim. Notwithstanding the provisions of this Section 5.3.1 in no event shall an Underwriter be required to contribute any amount in excess of the amount by which the total underwriting discounts and commissions received by such Underwriter with respect to the Offering of the Public Securities exceeds the amount of any damages that such Underwriter has otherwise been required to pay by reason of such untrue or alleged untrue statement or omission or alleged omission. No person guilty of fraudulent misrepresentation (within the meaning of Section 11(f) of the Securities Act) shall be entitled to contribution from any person who was not guilty of such fraudulent misrepresentation.

5.3.2. Contribution Procedure. Within fifteen (15) days after receipt by any party to this Agreement (or its representative) of notice of the commencement of any action, suit or proceeding, such party will, if a claim for contribution in respect thereof is to be made against another party (“contributing party”), notify the contributing party of the commencement thereof, but the failure to so notify the contributing party will not relieve it from any liability which it may have to any other party other than for contribution hereunder. In case any such action, suit or proceeding is brought against any party, and such party notifies a contributing party or its representative of the commencement thereof within the aforesaid 15 days, the contributing party will be entitled to participate therein with the notifying party and any other contributing party similarly notified. Any such contributing party shall not be liable to any party seeking contribution on account of any settlement of any claim, action or proceeding affected by such party seeking contribution on account of any settlement of any claim, action or proceeding affected by such party seeking contribution without the written consent of such contributing party. The contribution provisions contained in this Section 5.3.2 are intended to supersede, to the extent permitted by law, any right to contribution under the Securities Act, the Exchange Act or otherwise available. Each Underwriter’s obligations to contribute pursuant to this Section 5.3 are several and not joint.

6. Default by an Underwriter.

6.1 Default Not Exceeding 10% of Firm Securities or Option Securities. If any Underwriter or Underwriters shall default in its or their obligations to purchase the Firm Securities or the Option Securities, if the Over-allotment Option is exercised hereunder, and if the number of the Firm Securities or Option Securities with respect to which such default relates does not exceed in the aggregate 10% of the number of Firm Securities or Option Securities that all Underwriters have agreed to purchase hereunder, then such Firm Securities or Option Securities to which the default relates shall be purchased by the non-defaulting Underwriters in proportion to their respective commitments hereunder.

6.2 Default Exceeding 10% of Firm Securities or Option Securities. In the event that the default addressed in Section 6.1 relates to more than 10% of the Firm Securities or Option Securities, you may in your discretion arrange for yourself or for another party or parties to purchase such Firm Securities or Option Securities to which such default relates on the terms contained herein. If, within one (1) Business Day after such default relating to more than 10% of the Firm Securities or Option Securities, you do not arrange for the purchase of such Firm Securities or Option Securities, then the Company shall be entitled to a further period of one (1) Business Day within which to procure another party or parties satisfactory to you to purchase said Firm Securities or Option Securities on such terms. In the event that neither you nor the Company arrange for the purchase of the Firm Securities or Option Securities to which a default relates as provided in this Section 6, this Agreement will automatically be terminated by you or the Company without liability on the part of the Company (except as provided in Sections 3.10 and 5 hereof) or the several Underwriters (except as provided in Section 5 hereof); provided, however, that if such default occurs with respect to the Option Securities, this Agreement will not terminate as to the Firm Securities; and provided, further, that nothing herein shall relieve a defaulting Underwriter of its liability, if any, to the other Underwriters and to the Company for damages occasioned by its default hereunder.

6.3 Postponement of Closing Date. In the event that the Firm Securities or Option Securities to which the default relates are to be purchased by the non-defaulting Underwriters, or are to be purchased by another party or parties as aforesaid, you or the Company shall have the right to postpone the Closing Date or Option Closing Date for a reasonable period, but not in any event exceeding five (5) Business Days, in order to effect whatever changes may thereby be made necessary in the Registration Statement, the Pricing Disclosure Package or the Prospectus or in any other documents and arrangements, and the Company agrees to file promptly any amendment to the Registration Statement, the Pricing Disclosure Package or the Prospectus that in the opinion of counsel for the Underwriter may thereby be made necessary. The term “Underwriter” as used in this Agreement shall include any party substituted under this Section 6 with like effect as if it had originally been a party to this Agreement with respect to such shares of Common Stock.

7. Additional Covenants.

7.1 Board Composition and Board Designations. The Company shall ensure that: (i) the qualifications of the persons serving as members of the Board of Directors and the overall composition of the Board comply with the Sarbanes-Oxley Act, with the Exchange Act and with the listing rules of the Exchange or any other national securities exchange, as the case may be, in the event the Company seeks to have its Public Securities listed on another exchange or quoted on an automated quotation system, and (ii) if applicable, at least one member of the Audit Committee of the Board of Directors qualifies as an “audit committee financial expert,” as such term is defined under Regulation S-K and the listing rules of the Exchange.

7.2 Prohibition on Press Releases and Public Announcements. The Company shall not issue press releases or engage in any other publicity, without the Representative’s prior written consent, for a period ending at 5:00 p.m., Eastern time, on the first (1st) Business Day following the forty-fifth (45th) day after the Closing Date, other than normal and customary releases issued in the ordinary course of the Company’s business.

8. Effective Date of this Agreement and Termination Thereof.

8.1 Effective Date. This Agreement shall become effective when both the Company and the Representative have executed the same and delivered counterparts of such signatures to the other party.

8.2 Termination. The Representative shall have the right to terminate this Agreement at any time prior to any Closing Date, (i) if any domestic or international event or act or occurrence has materially disrupted, or in your opinion will in the immediate future materially disrupt, general securities markets in the United States; or (ii) if trading on the New York Stock Exchange or the Nasdaq Stock Market LLC shall have been suspended or materially limited, or minimum or maximum prices for trading shall have been fixed, or maximum ranges for prices for securities shall have been required by FINRA or by order of the Commission or any other government authority having jurisdiction; or (iii) if the United States shall have become involved in a new war or an increase in major hostilities; or (iv) if a banking moratorium has been declared by a New York State or federal authority; or (v) if a moratorium on foreign exchange trading has been declared which materially adversely impacts the United States securities markets; or (vi) if the Company shall have sustained a material loss by fire, flood, accident, hurricane, earthquake, theft, sabotage or other calamity or malicious act which, whether or not such loss shall have been insured, will, in your opinion, make it inadvisable to proceed with the delivery of the Firm Securities or Option Securities; or (vii) if the Company is in material breach of any of its representations, warranties or covenants hereunder; or (viii) if the Representative shall have become aware after the date hereof of such a Material Adverse Change, or such Material Adverse Change in general market conditions as in the Representative’s judgment would make it impracticable to proceed with the offering, sale and/or delivery of the Public Securities or to enforce contracts made by the Underwriters for the sale of the Public Securities.

8.3 Expenses. Notwithstanding anything to the contrary in this Agreement, except in the case of a default by the Underwriters, pursuant to Section 6.2 above, in the event that this Agreement shall not be carried out for any reason whatsoever, within the time specified herein or any extensions thereof pursuant to the terms herein, the Company shall be obligated to pay to the Underwriters their actual and accountable out-of-pocket expenses related to the transactions contemplated herein then due and payable (including the fees and disbursements of Representative Counsel) up to \$80,000 and upon demand the Company shall pay the full amount thereof to the Representative on behalf of the Underwriters; provided, however, that such expense cap in no way limits or impairs the indemnification and contribution provisions of this Agreement. Notwithstanding the foregoing, any advance received by the Representative will be reimbursed to the Company to the extent not actually incurred in compliance with FINRA Rule 5110(g)(4)(A).

8.4 Indemnification. Notwithstanding any contrary provision contained in this Agreement, any election hereunder or any termination of this Agreement, and whether or not this Agreement is otherwise carried out, the provisions of Section 5 shall remain in full force and effect and shall not be in any way affected by, such election or termination or failure to carry out the terms of this Agreement or any part hereof.

8.5 Representations, Warranties, Agreements to Survive. All representations, warranties and agreements contained in this Agreement or in certificates of officers of the Company submitted pursuant hereto, shall remain operative and in full force and effect regardless of (i) any investigation made by or on behalf of any Underwriter or its Affiliates or selling agents, any person controlling any Underwriter, its officers or directors or any person controlling the Company or (ii) delivery of and payment for the Public Securities.

9. Miscellaneous.

9.1 Notices. All communications hereunder, except as herein otherwise specifically provided, shall be in writing and shall be mailed (registered or certified mail, return receipt requested), personally delivered or sent by electronic mail transmission and confirmed and shall be deemed given when so delivered and confirmed or if mailed, two (2) days after such mailing.

If to the Representative:

ThinkEquity LLC
17 State Street, 41st Floor
New York, New York 10004
Attn: Head of Investment Banking
Email: Notices@think-equity.com

with a copy (which shall not constitute notice) to:

Blank Rome LLP
1271 Avenue of the Americas
New York, New York 10020
Attn: Brad L. Shiffman
Email: Brad.shiffman@blankrome.com

If to the Company:

XTI Aerospace, Inc.
8123 InterPort Blvd., Suite C
Englewood, Colorado 80112
Attn: Scott Pomeroy, Chief Executive Officer
Email: spomeroy@xtiaircraft.com

with a copy (which shall not constitute notice) to:

Mitchell Silberberg & Knupp LLP
437 Madison Avenue
New York, New York 10022
Attn: Blake Baron
Email: bjb@msk.com

9.2 Research Analyst Independence. The Company acknowledges that each Underwriter's research analysts and research departments are required to be independent from its investment banking division and are subject to certain regulations and internal policies, and that such Underwriter's research analysts may hold views and make statements or investment recommendations and/or publish research reports with respect to the Company and/or the Offering that differ from the views of their investment banking division. The Company acknowledges that each Underwriter is a full service securities firm and as such from time to time, subject to applicable securities laws, rules and regulations, may effect transactions for its own account or the account of its customers and hold long or short positions in debt or equity securities of the Company; provided, however, that nothing in this Section 9.2 shall relieve the Underwriter of any responsibility or liability it may otherwise bear in connection with activities in violation of applicable securities laws, rules or regulations.

9.3 Headings. The headings contained herein are for the sole purpose of convenience of reference, and shall not in any way limit or affect the meaning or interpretation of any of the terms or provisions of this Agreement.

9.4 Amendment. This Agreement may only be amended by a written instrument executed by each of the parties hereto.

9.5 Entire Agreement. This Agreement (together with the other agreements and documents being delivered pursuant to or in connection with this Agreement) constitutes the entire agreement of the parties hereto with respect to the subject matter hereof and thereof, and supersedes all prior agreements and understandings of the parties, oral and written, with respect to the subject matter hereof. Notwithstanding anything to the contrary set forth herein, it is understood and agreed by the parties hereto that all other terms and conditions of that certain amended and restated engagement letter between the Company and ThinkEquity LLC, dated June 11, 2025, shall remain in full force and effect.

9.6 Binding Effect. This Agreement shall inure solely to the benefit of and shall be binding upon the Representative, the Underwriters, the Company and the controlling persons, directors and officers referred to in Section 5 hereof, and their respective successors, legal representatives, heirs and assigns, and no other person shall have or be construed to have any legal or equitable right, remedy or claim under or in respect of or by virtue of this Agreement or any provisions herein contained. The term "successors and assigns" shall not include a purchaser, in its capacity as such, of securities from any of the Underwriters.

9.7 Governing Law; Consent to Jurisdiction; Trial by Jury. This Agreement shall be governed by and construed and enforced in accordance with the laws of the State of New York, without giving effect to conflict of laws principles thereof. The Company hereby agrees that any action, proceeding or claim against it arising out of, or relating in any way to this Agreement shall be brought and enforced in the New York Supreme Court, County of New York, or in the United States District Court for the Southern District of New York, and irrevocably submits to such jurisdiction, which jurisdiction shall be exclusive. The Company hereby waives any objection to such exclusive jurisdiction and that such courts represent an inconvenient forum. Any such process or summons to be served upon the Company may be served by transmitting a copy thereof by registered or certified mail, return receipt requested, postage prepaid, addressed to it at the address set forth in Section 9.1 hereof. Such mailing shall be deemed personal service and shall be legal and binding upon the Company in any action, proceeding or claim. The Company agrees that the prevailing party(ies) in any such action shall be entitled to recover from the other party(ies) all of its reasonable attorneys' fees and expenses relating to such action or proceeding and/or incurred in connection with the preparation therefor. The Company (on its behalf and, to the extent permitted by applicable law, on behalf of its stockholders and affiliates) and each of the Underwriters hereby irrevocably waives, to the fullest extent permitted by applicable law, any and all right to trial by jury in any legal proceeding arising out of or relating to this Agreement or the transactions contemplated hereby.

9.8 Execution in Counterparts. This Agreement may be executed in one or more counterparts, and by the different parties hereto in separate counterparts, each of which shall be deemed to be an original, but all of which taken together shall constitute one and the same agreement, and shall become effective when one or more counterparts has been signed by each of the parties hereto and delivered to each of the other parties hereto. Delivery of a signed counterpart of this Agreement by facsimile or email/pdf transmission shall constitute valid and sufficient delivery thereof.

9.9 Waiver, etc. The failure of any of the parties hereto to at any time enforce any of the provisions of this Agreement shall not be deemed or construed to be a waiver of any such provision, nor to in any way effect the validity of this Agreement or any provision hereof or the right of any of the parties hereto to thereafter enforce each and every provision of this Agreement. No waiver of any breach, non-compliance or non-fulfillment of any of the provisions of this Agreement shall be effective unless set forth in a written instrument executed by the party or parties against whom or which enforcement of such waiver is sought; and no waiver of any such breach, non-compliance or non-fulfillment shall be construed or deemed to be a waiver of any other or subsequent breach, non-compliance or non-fulfillment.

[Signature Page Follows]

If the foregoing correctly sets forth the understanding between the Underwriters and the Company, please so indicate in the space provided below for that purpose, whereupon this letter shall constitute a binding agreement between us.

Very truly yours,

XTI AEROSPACE, INC.

By: _____
Name:
Title:

Confirmed as of the date first written
above mentioned, on behalf of itself and as
Representative of the several Underwriters
named on Schedule 1 hereto:

THINKEQUITY LLC

By: _____
Name:
Title:

[SIGNATURE PAGE]
XTI AEROSPACE, INC. – UNDERWRITING AGREEMENT

SCHEDULE 1

Underwriter	Total Number of Firm Shares to be Purchased	Total Number of Firm Pre-Funded Warrants to be Purchased	Total Number of Option Shares to be Purchased if the Over-Allotment Option is Fully Exercised	Total Number of Option Pre-Funded Warrants to be Purchased if the Over-Allotment Option is Fully Exercised
ThinkEquity LLC				
TOTAL				

SCHEDULE 2-A

Pricing Information

Number of Firm Shares: [●]

Number of Firm Pre-Funded Warrants: [●]

Number of Option Shares/Option Pre-Funded Warrants: [●]

Public Offering Price per Share: \$[●]

Public Offering Price per Pre-Funded Warrant: \$[●]

Underwriting Discount per Share: \$[●]

Underwriting Discount per Pre-Funded Warrant: \$[●]

Proceeds to Company per Share (before expenses): \$[●]

Proceeds to Company per Pre-Funded Warrant (before expenses): \$[●]

SCHEDULE 2-B

Issuer General Use Free Writing Prospectuses

Free Writing Prospectus filed with the Commission on [●], 2025.

SCHEDULE 2-C

Written Testing-the-Waters Communications

None.

Sch. 2-3

SCHEDULE 3

List of Lock-Up Parties

All officers and directors.

Sch. 3-1

EXHIBIT A

Form of Representative's Warrant Agreement

Ex. A-1

EXHIBIT B

Lock-Up Agreement

[●], 2025

ThinkEquity LLC
17 State Street, 41st Floor
New York, NY 10004

As Representative of the several Underwriters named on Schedule 1 to the Underwriting Agreement referenced below

Ladies and Gentlemen:

The undersigned understands that ThinkEquity LLC (the “**Representative**”), proposes to enter into an Underwriting Agreement (the “**Underwriting Agreement**”) with XTI Aerospace, Inc., a Nevada corporation (the “**Company**”), providing for the public offering (the “**Public Offering**”) of equity securities of the Company, including shares of common stock, par value \$0.001 per share, of the Company (the “**Shares**”).

To induce the Representative to continue its efforts in connection with the Public Offering, the undersigned hereby agrees that, without the prior written consent of the Representative, the undersigned will not, during the period commencing on the date hereof and ending 90 days after the date of the final prospectus (the “**Prospectus**”) relating to the Public Offering (the “**Lock-Up Period**”), (1) offer, pledge, sell, contract to sell, grant, lend, or otherwise transfer or dispose of, directly or indirectly, any Shares or any securities convertible into or exercisable or exchangeable for Shares, whether now owned or hereafter acquired by the undersigned or with respect to which the undersigned has or hereafter acquires the power of disposition (collectively, the “**Lock-Up Securities**”); (2) enter into any swap or other arrangement that transfers to another, in whole or in part, any of the economic consequences of ownership of the Lock-Up Securities, whether any such transaction described in clause (1) or (2) above is to be settled by delivery of Lock-Up Securities, in cash or otherwise; (3) make any demand for or exercise any right with respect to the registration of any Lock-Up Securities; or (4) publicly disclose the intention to make any offer, sale, pledge or disposition, or to enter into any transaction, swap, hedge or other arrangement relating to any Lock-Up Securities. Notwithstanding the foregoing, and subject to the conditions below, the undersigned may transfer Lock-Up Securities without the prior written consent of the Representative in connection with (a) transactions relating to Lock-Up Securities acquired in open market transactions after the completion of the Public Offering; provided that no filing under Section 16(a) of the Securities Exchange Act of 1934, as amended (the “**Exchange Act**”), shall be required or shall be voluntarily made in connection with subsequent sales of Lock-Up Securities acquired in such open market transactions; (b) transfers of Lock-Up Securities as a *bona fide* gift, by will or intestacy or to a family member or trust for the benefit of the undersigned or a family member (for purposes of this lock-up agreement, “family member” means any relationship by blood, marriage or adoption, not more remote than first cousin); (c) transfers of Lock-Up Securities to a charity or educational institution; or (d) if the undersigned, directly or indirectly, controls a corporation, partnership, limited liability company or other business entity, (i) any transfers of Lock-Up Securities to another corporation, partnership or other business entity that controls, is controlled by or is under common control with the undersigned or (ii) distributions of Lock-Up Securities to members, partners, stockholders, subsidiaries or affiliates (as defined in Rule 405 promulgated under the Securities Act of 1933, as amended) of the undersigned; or (e) if the undersigned is a trust, to a trustee or beneficiary of the trust; provided that in the case of any transfer pursuant to the foregoing clauses (b), (c) or (d), (i) any such transfer shall not involve a disposition for value, (ii) each transferee shall sign and deliver to the Representative a lock-up agreement substantially in the form of this lock-up agreement and (iii) no filing under Section 16(a) of the Exchange Act shall be required or shall be voluntarily made. The undersigned also agrees and consents to the entry of stop transfer instructions with the Company’s transfer agent and registrar against the transfer of the undersigned’s Lock-Up Securities except in compliance with this lock-up agreement.

Ex. B-1

Notwithstanding the foregoing, this lock-up agreement shall not restrict (i) the delivery of shares of Common Stock to the undersigned upon (a) the exercise or vesting of any options or restricted stock units granted under any equity incentive plan of the Company; provided that any shares of Common Stock acquired in connection with any such exercise will be subject to the restrictions set forth in this lock-up agreement, or (b) the exercise of warrants or any other security convertible into or exercisable for shares of Common Stock; provided that such shares of Common Stock delivered to the undersigned in connection with such exercise are subject to the restrictions set forth in this lock-up agreement, (ii) transfers of shares of Common Stock to the Company (a) as forfeitures to satisfy tax withholding and remittance obligations of the undersigned in connection with the vesting or exercise of equity awards granted pursuant to the Company's equity incentive plans, or (b) pursuant to a net exercise or cashless exercise by the undersigned of outstanding equity awards pursuant to the Company's equity incentive plans, and (iii) transfers in response to a bona fide third-party tender offer, merger, consolidation or other similar transaction made to or with all holders of the Company's capital stock involving a "change of control" (as defined below) of the Company that has been approved by the board of directors of the Company, provided that in the event that such tender offer, merger, consolidation or other such transaction is not completed, the Lock-Up Securities shall remain subject to the restrictions contained in this lock-up agreement. For purposes of this clause (iii), "change of control" means the consummation of any bona fide third-party tender offer, merger, consolidation or other similar transaction the result of which is that any "person" (as defined in Section 13(d)(3) of the Exchange Act), or group of persons, other than the Company, becomes the beneficial owner (as defined in Rules 13d-3 and 13d-5 of the Exchange Act) of more than 50% of the total voting power of the voting stock of the Company (or surviving entity), or all or substantially all of the assets of the Company. In addition, no provision herein shall be deemed to restrict or prohibit the entry into or modification of a so-called "10b5-1" plan at any time (other than the entry into or modification of such a plan in such a manner as to cause the sale of any Lock-Up Securities within the Lock-Up Period).

If the undersigned is an officer or director of the Company, (i) the undersigned agrees that the foregoing restrictions shall be equally applicable to any issuer-directed or "friends and family" Shares that the undersigned may purchase in the Public Offering; (ii) the Representative agrees that, at least three (3) business days before the effective date of any release or waiver of the foregoing restrictions in connection with a transfer of Lock-Up Securities, the Representative will notify the Company of the impending release or waiver; and (iii) the Company has agreed in the Underwriting Agreement to announce the impending release or waiver by press release through a major news service at least two (2) business days before the effective date of the release or waiver. Any release or waiver granted by the Representative hereunder to any such officer or director shall only be effective two (2) business days after the publication date of such press release. The provisions of this paragraph will not apply if (a) the release or waiver is effected solely to permit a transfer of Lock-Up Securities not for consideration and (b) the transferee has agreed in writing to be bound by the same terms described in this lock-up agreement to the extent and for the duration that such terms remain in effect at the time of such transfer.

The undersigned understands that the Company and the Representative are relying upon this lock-up agreement in proceeding toward consummation of the Public Offering. The undersigned further understands that this lock-up agreement is irrevocable and shall be binding upon the undersigned's heirs, legal representatives, successors and assigns.

The undersigned understands that, if the Underwriting Agreement is not executed by [●], 202[●], or if the Underwriting Agreement (other than the provisions thereof which survive termination) shall terminate or be terminated prior to payment for and delivery of the Shares to be sold thereunder, then this lock-up agreement shall be void and of no further force or effect.

Whether or not the Public Offering actually occurs depends on a number of factors, including market conditions. Any Public Offering will only be made pursuant to an Underwriting Agreement, the terms of which are subject to negotiation between the Company and the Representative.

This lock-up agreement shall be governed by, and construed in accordance with, the laws of the State of New York.

Very truly yours,

(Name - Please Print)

(Signature)

(Name of Signatory, in the case of entities - Please Print)

(Title of Signatory, in the case of entities - Please Print)

Address: _____

EXHIBIT C

Form of Press Release

[Date]

[●] (the “Company”) announced today that ThinkEquity LLC, acting as representative for the underwriters in the Company’s recent public offering of _____ of the Company’s common stock, is [waiving] [releasing] a lock-up restriction with respect to _____ shares of the Company’s common stock held by [certain officers or directors] [an officer or director] of the Company. The [waiver] [release] will take effect on _____, 202[], and the shares may be sold on or after such date.

This press release is not an offer or sale of the securities in the United States or in any other jurisdiction where such offer or sale is prohibited, and such securities may not be offered or sold in the United States absent registration or an exemption from registration under the Securities Act of 1933, as amended.

PRE-FUNDED COMMON STOCK PURCHASE WARRANT

XTI AEROSPACE, INC.

Warrant Shares: _____

Issue Date: [], 2025

THIS PRE-FUNDED COMMON STOCK PURCHASE WARRANT (the “Warrant”) certifies that, for value received, or its assigns (the “Holder”) is entitled, upon the terms and subject to the limitations on exercise and the conditions hereinafter set forth, at any time on or after [], 2025 (the “Initial Exercise Date”) and until this Warrant is exercised in full (the “Termination Date”) but not thereafter, to subscribe for and purchase from XTI Aerospace, Inc., a Nevada corporation (the “Company”), up to _____ shares of Common Stock (as subject to adjustment hereunder, the “Warrant Shares”). The purchase price of one share of Common Stock under this Warrant shall be equal to the Exercise Price, as defined in Section 2(b).

Section 1. Definitions. In addition to the terms defined elsewhere in this Warrant, the following terms have the meanings indicated in this Section 1:

“Affiliate” means any Person that, directly or indirectly through one or more intermediaries, controls or is controlled by or is under common control with a Person, as such terms are used in and construed under Rule 405 under the Securities Act.

“Commission” means the United States Securities and Exchange Commission.

“Common Stock” means the common stock of the Company, par value \$0.001 per share, and any other class of securities into which such securities may hereafter be reclassified or changed.

“Common Stock Equivalents” means any securities of the Company or the Subsidiaries (as defined in Section 3(f)) which would entitle the holder thereof to acquire at any time Common Stock, including, without limitation, any debt, preferred stock, right, option, warrant or other instrument that is at any time convertible into or exercisable or exchangeable for, or otherwise entitles the holder thereof to receive, Common Stock.

“Effectiveness Date” means, with respect to the Subsequent Registration Statement, the 45th calendar day following the date hereof (or, in the event of a “full review” by the Commission, the 60th calendar day following the date hereof), provided, however, that in the event the Company is notified by the Commission that the Subsequent Registration Statement will not be reviewed or is no longer subject to further review and comments, the Effectiveness Date shall be the fifth (5th) Trading Day following the date on which the Company is so notified if such date precedes the dates otherwise required above, provided, further, if such Effectiveness Date falls on a day that is not a Trading Day, then the Effectiveness Date shall be the next succeeding Trading Day.

“Exchange Act” means the Securities Exchange Act of 1934, as amended, and the rules and regulations promulgated thereunder.

“Filing Date” means, with respect to the Subsequent Registration Statement, the 10th calendar day following the date hereof.

“Lien” means a lien, charge pledge, security interest, encumbrance, right of first refusal, preemptive right or other restriction.

“Person” means an individual or corporation, partnership, trust, incorporated or unincorporated association, joint venture, limited liability company, joint stock company, government (or an agency or subdivision thereof) or other entity of any kind.

“Proceeding” means an action, claim, suit, investigation or proceeding (including, without limitation, an informal investigation or partial proceeding, such as a deposition), whether commenced or threatened.

“Registrable Securities” means, as of any date of determination, the Warrant Shares and any securities issued or then issuable upon any stock split, dividend or other distribution, recapitalization or similar event with respect to the Warrant Shares.

“Registration Statement” means the Company’s registration statement on Form S-3 (File No. 333-279901).

“Rule 144” means Rule 144 promulgated by the Commission pursuant to the Securities Act, as such Rule may be amended or interpreted from time to time, or any similar rule or regulation hereafter adopted by the Commission having substantially the same purpose and effect as such Rule.

“Securities Act” means the Securities Act of 1933, as amended, and the rules and regulations promulgated thereunder.

“Subsequent Registration Statement” means any registration statement required to be filed hereunder pursuant to Section 5(a), including the prospectus included therein, amendments and supplements to any such registration statement or prospectus used in connection therewith, including pre- and post-effective amendments, all exhibits thereto, and all material incorporated by reference or deemed to be incorporated by reference in any such registration statement.

“Trading Day” means a day on which the Common Stock is traded on a Trading Market.

“Trading Market” means any of the following markets or exchanges on which the Common Stock is listed or quoted for trading on the date in question: the OTCQB, OTCQX or Pink Open Market operated by OTC Markets Group, the NYSE American, the Nasdaq Capital Market, the Nasdaq Global Market, the Nasdaq Global Select Market, or the New York Stock Exchange (or any successors to any of the foregoing).

“Transfer Agent” means Computershare Trust Company, N.A. and any successor transfer agent of the Company.

“Underwriting Agreement” means the underwriting agreement, dated as of [], 2025, between the Company and ThinkEquity LLC, as amended, modified or supplemented from time to time in accordance with its terms.

“Warrants” means this Warrant and other Pre-Funded Common Stock Purchase Warrants issued by the Company pursuant to the Registration Statement.

Section 2. Exercise.

a) Exercise of the purchase rights represented by this Warrant may be made, in whole or in part, at any time or times on or after the Initial Exercise Date, provided that the Registration Statement or the Subsequent Registration Statement is available for the issuance of the Warrant Shares unless an exemption from registration is available, and on or before the Termination Date by delivery to the Company of a duly executed PDF copy submitted by e-mail (or e-mail attachment) of the Notice of Exercise in the form annexed hereto (the "Notice of Exercise"). Within the earlier of (i) one (1) Trading Day and (ii) the number of Trading Days comprising the Standard Settlement Period (as defined in Section 2(d)(i) herein) following the date of exercise as aforesaid, the Holder shall deliver to the Company the aggregate Exercise Price for the Warrant Shares specified in the applicable Notice of Exercise by wire transfer or cashier's check drawn on a United States bank unless the cashless exercise procedure specified in Section 2(c) below is specified in the applicable Notice of Exercise. No ink-original Notice of Exercise shall be required, nor shall any medallion guarantee (or other type of guarantee or notarization) of any Notice of Exercise be required. Notwithstanding anything herein to the contrary, the Holder shall not be required to physically surrender this Warrant to the Company until the Holder has purchased all of the Warrant Shares available hereunder and the Warrant has been exercised in full, in which case, the Holder shall surrender this Warrant to the Company for cancellation within three (3) Trading Days of the date on which the final Notice of Exercise is delivered to the Company. Partial exercises of this Warrant resulting in purchases of a portion of the total number of Warrant Shares available hereunder shall have the effect of lowering the outstanding number of Warrant Shares purchasable hereunder in an amount equal to the applicable number of Warrant Shares purchased in connection with such partial exercise. The Holder and the Company shall maintain records showing the number of Warrant Shares purchased and the date of such purchases. The Company shall deliver any objection to any Notice of Exercise within one (1) Trading Day of receipt of such notice. **The Holder and any assignee, by acceptance of this Warrant, acknowledge and agree that, by reason of the provisions of this paragraph, following the purchase of a portion of the Warrant Shares hereunder, the number of Warrant Shares available for purchase hereunder at any given time may be less than the amount stated on the face hereof.**

b) Exercise Price. The aggregate exercise price of this Warrant, except for a nominal exercise price of \$0.001 per Warrant Share, was pre-funded to the Company on or prior to the Initial Exercise Date and, consequently, no additional consideration (other than the nominal exercise price of \$0.001 per Warrant Share) shall be required to be paid by the Holder to any Person to effect any exercise of this Warrant. The Holder shall not be entitled to the return or refund of all, or any portion, of such pre-paid aggregate exercise price under any circumstance or for any reason whatsoever, including in the event this Warrant shall not have been exercised prior to the Termination Date. The remaining unpaid exercise price per share of Common Stock under this Warrant shall be \$0.001, subject to adjustment hereunder (the "Exercise Price").

c) Cashless Exercise. This Warrant may also be exercised, in whole or in part, at such time by means of a "cashless exercise" in which the Holder shall be entitled to receive a number of Warrant Shares for the deemed surrender of the Warrant in whole or in part equal to the quotient obtained by dividing [(A-B) (X)] by (A), where:

(A) = as applicable: (i) the VWAP of the Common Stock on the Trading Day immediately preceding the date of the applicable Notice of Exercise if such Notice of Exercise is (1) both executed and delivered pursuant to Section 2(a) hereof on a day that is not a Trading Day or (2) both executed and delivered pursuant to Section 2(a) hereof on a Trading Day prior to the opening of "regular trading hours" (as defined in Rule 600(b)(88) of Regulation NMS promulgated under the federal securities laws) on such Trading Day, (ii) at the option of the Holder, either (x) the VWAP on the Trading Day immediately preceding the date of the applicable Notice of Exercise or (y) the Bid Price of the Common Stock as of the time of the Holder's execution of the applicable Notice of Exercise if such Notice of Exercise is executed during "regular trading hours" on a Trading Day and is delivered within two (2) hours thereafter pursuant to Section 2(a) hereof (including until two (2) hours after the close of "regular trading hours" on a Trading Day), or (iii) the VWAP of the Common Stock on the date of the applicable Notice of Exercise if the date of such Notice of Exercise is a Trading Day and such Notice of Exercise is both executed and delivered pursuant to Section 2(a) hereof after the close of "regular trading hours" on such Trading Day;

(B) = the Exercise Price of this Warrant, as adjusted hereunder; and

(X) = the number of Warrant Shares that would be issuable upon exercise of this Warrant in accordance with the terms of this Warrant if such exercise were by means of a cash exercise rather than a cashless exercise.

The issue price for each such Warrant Share to be issued pursuant to the cashless exercise of a Warrant will be equal to (B), as defined above, and the total issue price for the aggregate number of Warrant Shares issued pursuant to the cashless exercise of a Warrant will be deemed paid and satisfied in full by the deemed surrender to the Company of the portion of such Warrant being exercised in accordance with this Section 1(c). Notwithstanding anything herein to the contrary, the Company shall not be required to make any cash payments or net cash settlement to the Holder in lieu of delivery of the Warrant Shares. If Warrant Shares are issued in such a cashless exercise, the parties acknowledge and agree that in accordance with Section 3(a)(9) of the Securities Act, the Warrant Shares shall take on the registered characteristics of the Warrants being exercised. The Company agrees not to take any position contrary to this Section 2(c).

“Bid Price” means, for any security as of the particular time of determination, the bid price for such security on the Trading Market as reported by Bloomberg as of such time of determination, or, if the Trading Market is not the principal securities exchange or trading market for such security, the bid price of such security on the principal securities exchange or trading market where such security is listed or traded as reported by Bloomberg as of such time of determination, or if the foregoing does not apply, the bid price of such security in the over-the-counter market on the electronic bulletin board for such security as reported by Bloomberg as of such time of determination, or, if no bid price is reported for such security by Bloomberg as of such time of determination, the average of the bid prices of any market makers for such security as reported on the Pink Open Market as of such time of determination. If the Bid Price cannot be calculated for a security as of the particular time of determination on any of the foregoing bases, the Bid Price of such security as of such time of determination shall be the fair market value as mutually determined by the Company and the Holder. If the Company and the Holder are unable to agree upon the fair market value of such security, then such fair market value shall be determined pursuant to the provisions set forth in clause (d) of the definition of VWAP. All such determinations to be appropriately adjusted for any stock dividend, share split, share consolidation, reclassification or other similar transaction during the applicable calculation period.

“VWAP” means, for any date, the price determined by the first of the following clauses that applies: (a) if the Common Stock is then listed or quoted for trading on a Trading Market other than the OTCQB, OTCQX or Pink Open Market operated by OTC Markets Group, the daily volume weighted average price of the Common Stock for such date (or the nearest preceding date) on the Trading Market on which the Common Stock is then listed or quoted as reported by Bloomberg L.P. (based on a Trading Day from 9:30 a.m. (New York City time) to 4:02 p.m. (New York City time)), (b) if the Common Stock is then quoted for trading on the OTCQB or OTCQX operated by OTC Markets Group, the volume weighted average price of the Common Stock for such date (or the nearest preceding date) on OTCQB or OTCQX as applicable, (c) if the Common Stock is then quoted for trading on the Pink Open Market operated by OTC Markets Group (or a similar organization or agency succeeding to its functions of reporting prices), the most recent bid price per share of Common Stock reported on the Pink Open Market, or (d) in all other cases, the fair market value of a share of Common Stock as determined by an independent appraiser selected in good faith by the holders of a majority in interest of the Warrants then outstanding and reasonably acceptable to the Company, the fees and expenses of which shall be paid by the Company.

d) Mechanics of Exercise.

- i. Delivery of Warrant Shares Upon Exercise. The Company shall cause the Warrant Shares purchased hereunder to be transmitted by the Transfer Agent to the Holder by crediting the account of the Holder's or its designee's balance account with The Depository Trust Company through its Deposit or Withdrawal at Custodian system (the "DWAC") if the Company is then a participant in such system and either (A) there is an effective registration statement permitting the issuance of the Warrant Shares to, or resale of, the Warrant Shares by the Holder or (B) this Warrant is being exercised via cashless exercise, and otherwise by physical delivery of a certificate, registered in the Company's share register in the name of the Holder or its designee, for the number of Warrant Shares to which the Holder is entitled pursuant to such exercise to the address specified by the Holder in the Notice of Exercise by the date that is the earlier of (i) two (2) Trading Days after the delivery of the Company of the Notice of Exercise and (ii) the number of Trading Days comprising the Standard Settlement Period after the delivery to the Company of the Notice of Exercise (such date, the "Warrant Share Delivery Date"). Upon delivery of the Notice of Exercise, the Holder shall be deemed for all corporate purposes to have become the Holder of record of the Warrant Shares with respect to which this Warrant has been exercised, irrespective of the date of delivery of the Warrant Shares, provided that payment of the aggregate Exercise Price (other than in the case of a cashless exercise) is received within the earlier of (i) two (2) Trading Days after the delivery to the Company of the Notice of Exercise and (ii) the number of Trading Days comprising the Standard Settlement Period following delivery of the Notice of Exercise. If the Company fails for any reason to deliver to the Holder the Warrant Shares subject to a Notice of Exercise by the Warrant Share Delivery Date, the Company shall pay to the Holder, in cash, as liquidated damages and not as a penalty, for each \$1,000 of Warrant Shares subject to such exercise (based on the VWAP of the Common Stock on the date of the applicable Notice of Exercise), \$10 per Trading Day (increasing to \$20 per Trading Day on the third Trading Day after the Warrant Share Delivery Date) for each Trading Day after such Warrant Share Delivery Date until such Warrant Shares are delivered to said Holder or the Holder rescinds such exercise. The Company agrees to maintain a Transfer Agent that is a participant in the Fast Automated Securities Transfer, or FAST, program so long as this Warrant remains outstanding and exercisable. As used herein, "Standard Settlement Period" means the standard settlement period, expressed in a number of Trading Days, on the Company's primary Trading Market with respect to the Common Stock as in effect on the date of delivery of the Notice of Exercise. Notwithstanding the foregoing, with respect to any Notice(s) of Exercise delivered on or prior to 12:00 p.m. (New York City time) on the Initial Exercise Date, which may be delivered at any time after the time of execution of the Underwriting Agreement, the Company agrees to deliver the Warrant Shares subject to such notice(s) by 4:00 p.m. (New York City time) on the Initial Exercise Date and the Initial Exercise Date shall be the Warrant Share Delivery Date for purposes hereunder, provided that payment of the aggregate Exercise Price (other than in the case of a cashless exercise) is received by such Warrant Share Delivery Date.

- ii. Delivery of New Warrants Upon Exercise. If this Warrant shall have been exercised in part, the Company shall, at the request of a Holder and upon surrender of this Warrant certificate, at the time of delivery of the Warrant Shares, deliver to the Holder a new Warrant evidencing the rights of the Holder to purchase the unpurchased Warrant Shares called for by this Warrant, which new Warrant shall in all other respects be identical with this Warrant.
- iii. Rescission Rights. If the Company fails to cause the Transfer Agent to transmit to the Holder the Warrant Shares pursuant to Section 2(d)(i) by the Warrant Share Delivery Date, then the Holder will have the right to rescind such exercise.
- iv. Compensation for Buy-In on Failure to Timely Deliver Warrant Shares Upon Exercise. In addition to any other rights available to the Holder, if the Company fails to cause the Transfer Agent to transmit to the Holder the Warrant Shares in accordance with the provisions of Section 2(d)(i) above pursuant to an exercise on or before the Warrant Share Delivery Date (other than any such failure that is solely due to any action or inaction by Holder with respect to such exercise), and if after such date the Holder is required by its broker to purchase (in an open market transaction or otherwise) or the Holder's brokerage firm otherwise purchases, shares of Common Stock to deliver in satisfaction of a sale by the Holder of the Warrant Shares which the Holder anticipated receiving upon such exercise (a "Buy-In"), then the Company shall (A) pay in cash to the Holder the amount, if any, by which (x) the Holder's total purchase price (including brokerage commissions, if any) for the shares of Common Stock so purchased exceeds (y) the amount obtained by multiplying (1) the number of Warrant Shares that the Company was required to deliver to the Holder in connection with the exercise at issue by (2) the price at which the sell order giving rise to such purchase obligation was executed, and (B) at the option of the Holder, either reinstate the portion of the Warrant and equivalent number of Warrant Shares for which such exercise was not honored (in which case such exercise shall be deemed rescinded) or deliver to the Holder the number of shares of Common Stock that would have been issued had the Company timely complied with its exercise and delivery obligations hereunder. For example, if the Holder purchases shares of Common Stock having a total purchase price of \$11,000 to cover a Buy-In with respect to an attempted exercise of Common Stock with an aggregate sale price giving rise to such purchase obligation of \$10,000, under clause (A) of the immediately preceding sentence the Company shall be required to pay the Holder \$1,000. The Holder shall provide the Company written notice indicating the amounts payable to the Holder in respect of the Buy-In and, upon request of the Company, evidence of the amount of such loss. Nothing herein shall limit a Holder's right to pursue any other remedies available to it hereunder, at law or in equity including, without limitation, a decree of specific performance and/or injunctive relief with respect to the Company's failure to timely deliver shares of Common Stock upon exercise of the Warrant as required pursuant to the terms hereof.

- v. No Fractional Shares or Scrip. No fractional shares or scrip representing fractional shares shall be issued upon the exercise of this Warrant. As to any fraction of a share which the Holder would otherwise be entitled to purchase upon such exercise, the Company shall, at its election, either pay a cash adjustment in respect of such final fraction in an amount equal to such fraction multiplied by the Exercise Price or round up to the next whole share.
- vi. Charges, Taxes and Expenses. Issuance of Warrant Shares shall be made without charge to the Holder for any issue or transfer tax or other incidental expense in respect of the issuance of such Warrant Shares, all of which taxes and expenses shall be paid by the Company, and such Warrant Shares shall be issued in the name of the Holder or in such name or names as may be directed by the Holder; provided, however, that in the event that Warrant Shares are to be issued in a name other than the name of the Holder, this Warrant when surrendered for exercise shall be accompanied by the Assignment Form attached hereto duly executed by the Holder and the Company may require, as a condition thereto, the payment of a sum sufficient to reimburse it for any transfer tax incidental thereto. The Company shall pay all Transfer Agent fees required for same-day processing of any Notice of Exercise and all fees to the Depository Trust Company (or another established clearing corporation performing similar functions) required for same-day electronic delivery of the Warrant Shares.
- vii. Closing of Books. The Company shall not close its stockholder books or records in any manner which prevents the timely exercise of this Warrant, pursuant to the terms hereof.

e) Holder's Exercise Limitations. The Company shall not effect any exercise of this Warrant, and a Holder shall not have the right to exercise any portion of this Warrant, pursuant to Section 2 or otherwise, to the extent that after giving effect to such issuance after exercise as set forth on the applicable Notice of Exercise, the Holder (together with the Holder's Affiliates, and any other Persons acting as a group together with the Holder or any of the Holder's Affiliates (such Persons, "Attribution Parties")), would beneficially own in excess of the Beneficial Ownership Limitation (as defined below). For purposes of the foregoing sentence, the number of shares of Common Stock beneficially owned by the Holder and its Affiliates and Attribution Parties shall include the number of shares of Common Stock issuable upon exercise of this Warrant with respect to which such determination is being made, but shall exclude the number of shares of Common Stock which would be issuable upon (i) exercise of the remaining, non-exercised portion of this Warrant beneficially owned by the Holder or any of its Affiliates or Attribution Parties and (ii) exercise or conversion of the unexercised or non-converted portion of any other securities of the Company (including, without limitation, any other Common Stock Equivalents) subject to a limitation on conversion or exercise analogous to the limitation contained herein beneficially owned by the Holder or any of its Affiliates or Attribution Parties. Except as set forth in the preceding sentence, for purposes of this Section 2(e), beneficial ownership shall be calculated in accordance with Section 13(d) of the Exchange Act and the rules and regulations promulgated thereunder, it being acknowledged by the Holder that the Company is not representing to the Holder that such calculation is in compliance with Section 13(d) of the Exchange Act and the Holder is solely responsible for any schedules required to be filed in accordance therewith. To the extent that the limitation contained in this Section 2(e) applies, the determination of whether this Warrant is exercisable (in relation to other securities owned by the Holder together with any Affiliates and Attribution Parties) and of which portion of this Warrant is exercisable shall be in the sole discretion of the Holder, and the submission of a Notice of Exercise shall be deemed to be the Holder's determination of whether this Warrant is exercisable (in relation to other securities owned by the Holder together with any Affiliates and Attribution Parties) and of which portion of this Warrant is exercisable, in each case subject to the Beneficial Ownership Limitation, and the Company shall have no obligation to verify or confirm the accuracy of such determination. In addition, a determination as to any group status as contemplated above shall be determined in accordance with Section 13(d) of the Exchange Act and the rules and regulations promulgated thereunder. For purposes of this Section 2(e), in determining the number of outstanding shares of Common Stock, a Holder may rely on the number of outstanding shares of Common Stock as reflected in (A) the Company's most recent periodic or annual report filed with the Commission, as the case may be, (B) a more recent public announcement by the Company or (C) a more recent written notice by the Company or the Transfer Agent setting forth the number of shares of Common Stock outstanding. Upon the written or oral request of a Holder, the Company shall within two Trading Days confirm orally and in writing to the Holder the number of shares of Common Stock then outstanding. In any case, the number of outstanding shares of Common Stock shall be determined after giving effect to the conversion or exercise of securities of the Company, including this Warrant, by the Holder or its Affiliates or Attribution Parties since the date as of which such number of outstanding shares of Common Stock was reported. The "Beneficial Ownership Limitation" shall be 4.99% (or, upon election by a Holder prior to the issuance of any Warrants, 9.99%) of the number of shares of Common Stock outstanding immediately after giving effect to the issuance of Common Stock issuable upon exercise of this Warrant. The Holder, upon notice to the Company, may increase or decrease the Beneficial Ownership Limitation provisions of this Section 2(e), provided that the Beneficial Ownership Limitation in no event exceeds 9.99% of the number of shares of Common Stock outstanding immediately after giving effect to the issuance of Common Stock upon exercise of this Warrant held by the Holder and the provisions of this Section 2(e) shall continue to apply. Any increase in the Beneficial Ownership Limitation will not be effective until the 61st day after such notice is delivered to the Company. The provisions of this paragraph shall be construed and implemented in a manner otherwise than in strict conformity with the terms of this Section 2(e) to correct this paragraph (or any portion hereof) which may be defective or inconsistent with the intended Beneficial Ownership Limitation herein contained or to make changes or supplements necessary or desirable to properly give effect to such limitation. The limitations contained in this paragraph shall apply to a successor holder of this Warrant.

Section 3. Certain Adjustments.

a) Stock Dividends and Splits. If the Company, at any time while this Warrant is outstanding: (i) pays a stock dividend or otherwise makes a distribution or distributions on shares of Common Stock or any other equity or equity equivalent securities payable in shares of Common Stock (which, for avoidance of doubt, shall not include any Common Stock issued by the Company upon exercise of this Warrant), (ii) subdivides outstanding shares of Common Stock into a larger number of shares, (iii) combines (including by way of reverse stock split or consolidation) outstanding Common Stock into a smaller number of shares, or (iv) issues by reclassification of shares of Common Stock any shares of the Company, then in each case the Exercise Price shall be multiplied by a fraction of which the numerator shall be the number of shares of Common Stock (excluding treasury shares, if any) outstanding immediately before such event and of which the denominator shall be the number of shares of Common Stock outstanding immediately after such event, and the number of shares issuable upon exercise of this Warrant shall be proportionately adjusted such that the aggregate Exercise Price of this Warrant shall remain unchanged. Any adjustment made pursuant to this Section 3(a) shall become effective immediately after the record date for the determination of stockholders entitled to receive such dividend or distribution and shall become effective immediately after the effective date in the case of a subdivision, combination or re-classification.

b) Subsequent Rights Offerings. In addition to any adjustments pursuant to Section 3(a) above, if at any time the Company grants, issues or sells any Common Stock Equivalents or rights to purchase stock, warrants, securities or other property pro rata to the record holders of Common Stock (the "Purchase Rights"), then the Holder will be entitled to acquire, upon the terms applicable to such Purchase Rights, the aggregate Purchase Rights which the Holder could have acquired if the Holder had held the number of shares of Common Stock acquirable upon complete exercise of this Warrant (without regard to any limitations on exercise hereof, including without limitation, the Beneficial Ownership Limitation) immediately before the date on which a record is taken for the grant, issuance or sale of such Purchase Rights, or, if no such record is taken, the date as of which the record holders of shares of Common Stock are to be determined for the grant, issue or sale of such Purchase Rights (provided, however, that to the extent that the Holder's right to participate in any such Purchase Right would result in the Holder exceeding the Beneficial Ownership Limitation, then the Holder shall not be entitled to participate in such Purchase Right to such extent (or beneficial ownership of such shares of Common Stock as a result of such Purchase Right to such extent) and such Purchase Right to such extent shall be held in abeyance for the Holder until such time, if ever, as its right thereto would not result in the Holder exceeding the Beneficial Ownership Limitation).

c) Pro Rata Distributions. During such time as this Warrant is outstanding, if the Company shall declare or make any dividend or other distribution of its assets (or rights to acquire its assets) to holders of shares of Common Stock, by way of return of capital or otherwise (including, without limitation, any distribution of cash, stock or other securities, property or options by way of a dividend, spin off, reclassification, corporate rearrangement, scheme of arrangement or other similar transaction) (a "Distribution"), at any time after the issuance of this Warrant, then, in each such case, the Holder shall be entitled to participate in such Distribution to the same extent that the Holder would have participated therein if the Holder had held the number of shares of Common Stock acquirable upon complete exercise of this Warrant (without regard to any limitations on exercise hereof, including without limitation, the Beneficial Ownership Limitation) immediately before the date of which a record is taken for such Distribution, or, if no such record is taken, the date as of which the record holders of shares of Common Stock are to be determined for the participation in such Distribution (provided, however, that to the extent that the Holder's right to participate in any such Distribution would result in the Holder exceeding the Beneficial Ownership Limitation, then the Holder shall not be entitled to participate in such Distribution to such extent (or in the beneficial ownership of any shares of Common Stock as a result of such Distribution to such extent) and the portion of such Distribution shall be held in abeyance for the benefit of the Holder until such time, if ever, as its right thereto would not result in the Holder exceeding the Beneficial Ownership Limitation).

d) Fundamental Transaction. If, at any time while this Warrant is outstanding, (i) the Company, directly or indirectly, in one or more related transactions effects any merger or amalgamation or consolidation of the Company with or into another Person, (ii) the Company, directly or indirectly, effects any sale, lease, license, assignment, transfer, conveyance or other disposition of all or substantially all of its assets in one or a series of related transactions, (iii) any, direct or indirect, purchase offer, tender offer or exchange offer (whether by the Company or another Person) is completed pursuant to which holders of Common Stock are permitted to sell, tender or exchange their shares for other securities, cash or property and has been accepted by the holders of 50% or more of the outstanding shares of Common Stock or 50% or more of the voting power of the common equity of the Company, (iv) the Company, directly or indirectly, in one or more related transactions effects any reclassification, reorganization or recapitalization of shares of Common Stock or any compulsory share exchange pursuant to which shares of Common Stock are effectively converted into or exchanged for other securities, cash or property, or (v) the Company, directly or indirectly, in one or more related transactions consummates a share purchase agreement or other business combination (including, without limitation, a reorganization, recapitalization, spin-off or scheme of arrangement) with another Person or group of Persons whereby such other Person or group acquires more than 50% of the outstanding shares of Common Stock or 50% or more of the voting power of the common equity of the Company (each a “Fundamental Transaction”), then, upon any subsequent exercise of this Warrant, the Holder shall have the right to receive, for each Warrant Share that would have been issuable upon such exercise immediately prior to the occurrence of such Fundamental Transaction (without regard to any limitation in Section 2(e) on the exercise of this Warrant), the number of shares of Common Stock of the successor or acquiring corporation or of the Company, if it is the surviving corporation or is otherwise the continuing corporation, and any additional consideration (the “Alternate Consideration”) receivable as a result of such Fundamental Transaction by a holder of the number of shares of Common Stock for which this Warrant is exercisable immediately prior to such Fundamental Transaction (without regard to any limitation in Section 2(e) on the exercise of this Warrant). For purposes of any such exercise, the determination of the Exercise Price shall be appropriately adjusted to apply to such Alternate Consideration based on the amount of Alternate Consideration issuable in respect of one share of Common Stock in such Fundamental Transaction, and the Company shall apportion the Exercise Price among the Alternate Consideration in a reasonable manner reflecting the relative value of any different components of the Alternate Consideration. If holders of Common Stock are given any choice as to the securities, cash or property to be received in a Fundamental Transaction, then the Holder shall be given the same choice as to the Alternate Consideration it receives upon any exercise of this Warrant following such Fundamental Transaction. The Company shall cause any successor entity in a Fundamental Transaction in which the Company is not the survivor (the “Successor Entity”) to assume in writing all of the obligations of the Company under this Warrant in accordance with the provisions of this Section 3(d) pursuant to written agreements prior to such Fundamental Transaction and shall, at the option of the Holder, deliver to the Holder in exchange for this Warrant a security of the Successor Entity evidenced by a written instrument substantially similar in form and substance to this Warrant which is exercisable for a corresponding number of shares or other securities of such Successor Entity (or its parent entity) equivalent to the shares of Common Stock acquirable and receivable upon exercise of this Warrant (without regard to any limitations on the exercise of this Warrant) prior to such Fundamental Transaction, and with an exercise price which applies the exercise price hereunder to such shares of or other securities (but taking into account the relative value of the shares of Common Stock pursuant to such Fundamental Transaction and the value of such shares or securities, such number of shares or securities and such exercise price being for the purpose of protecting the economic value of this Warrant immediately prior to the consummation of such Fundamental Transaction). Upon the occurrence of any such Fundamental Transaction, the Successor Entity shall succeed to, and be substituted for (so that from and after the date of such Fundamental Transaction, the provisions of this Warrant referring to the “Company” shall refer instead to the Successor Entity), and may exercise every right and power of the Company and shall assume all of the obligations of the Company under this Warrant with the same effect as if such Successor Entity had been named as the Company herein.

e) Calculations. All calculations under this Section 3 shall be made to the nearest cent or the nearest 1/100th of a share, as the case may be. For purposes of this Section 3, the number of shares of Common Stock deemed to be issued and outstanding as of a given date shall be the sum of the number of shares of Common Stock (excluding treasury shares, if any) issued and outstanding.

f) Notice to Holder.

i. Adjustment to Exercise Price. Whenever the Exercise Price is adjusted pursuant to any provision of this Section 3, the Company shall promptly deliver to the Holder by email a notice setting forth the Exercise Price after such adjustment and any resulting adjustment to the number of Warrant Shares and setting forth a brief statement of the facts requiring such adjustment.

ii. Notice to Allow Exercise by Holder. If (A) the Company shall declare a dividend (or any other distribution in whatever form) on the Common Stock, (B) the Company shall declare a special nonrecurring cash dividend on or a redemption of the Common Stock, (C) the Company shall authorize the granting to all holders of the shares of Common Stock rights or warrants to subscribe for or purchase any shares of the Company or of any rights, (D) the approval of any stockholders of the Company shall be required in connection with any reclassification of the Common Stock, any consolidation or merger, amalgamation or arrangement to which the Company is a party, any sale or transfer of all or substantially all of the assets of the Company, or any compulsory share exchange whereby the Common Stock is converted into other securities, cash or property, or (E) the Company shall authorize the voluntary or involuntary dissolution, liquidation or winding up of the affairs of the Company, then, in each case, the Company shall cause to be delivered by email to the Holder at its last email address as it shall appear upon the Warrant Register of the Company, at least 10 calendar days prior to the applicable record or effective date hereinafter specified, a notice (unless such information is filed with the Commission, in which case a notice shall not be required) stating (x) the date on which a record is to be taken for the purpose of such dividend, distribution, redemption, rights or warrants, or if a record is not to be taken, the date as of which the holders of the Common Stock of record to be entitled to such dividend, distributions, redemption, rights or warrants are to be determined or (y) the date on which such reclassification, consolidation, merger, amalgamation, arrangement, sale, transfer or share exchange is expected to become effective or close, and the date as of which it is expected that holders of the Common Stock of record shall be entitled to exchange their shares of Common Stock for securities, cash or other property deliverable upon such reclassification, consolidation, merger, amalgamation, arrangement sale, transfer or share exchange; provided that the failure to deliver such notice or any defect therein or in the delivery thereof shall not affect the validity of the corporate action required to be specified in such notice. To the extent that any notice provided in this Warrant constitutes, or contains, material, non-public information regarding the Company or any of its subsidiaries (the "Subsidiaries"), the Company shall simultaneously file such notice with the Commission pursuant to a Current Report on Form 8-K. The Holder shall remain entitled to exercise this Warrant during the period commencing on the date of such notice to the effective date of the event triggering such notice except as may otherwise be expressly set forth herein.

Section 4. Transfer of Warrant.

a) Transferability. Subject to compliance with any applicable securities laws, this Warrant and all rights hereunder are transferable, in whole or in part, upon surrender of this Warrant at the principal office of the Company or its designated agent, together with a written assignment of this Warrant substantially in the form attached hereto duly executed by the Holder or its agent or attorney and funds sufficient to pay any transfer taxes payable upon the making of such transfer. Upon such surrender and, if required, such payment, the Company shall execute and deliver a new Warrant or Warrants in the name of the assignee or assignees, as applicable, and in the denomination or denominations specified in such instrument of assignment, and shall issue to the assignor a new Warrant evidencing the portion of this Warrant not so assigned, and this Warrant shall promptly be cancelled. Notwithstanding anything herein to the contrary, the Holder shall not be required to physically surrender this Warrant to the Company unless the Holder has assigned this Warrant in full, in which case, the Holder shall surrender this Warrant to the Company within three (3) Trading Days of the date on which the Holder delivers an assignment form to the Company assigning this Warrant in full. This Warrant, if properly assigned in accordance herewith, may be exercised by a new holder for the purchase of Warrant Shares without having a new Warrant issued.

b) New Warrants. This Warrant may be divided or combined with other Warrants upon presentation hereof at the aforesaid office of the Company, together with a written notice specifying the names and denominations in which new Warrants are to be issued, signed by the Holder or its agent or attorney. Subject to compliance with Section 4(a), as to any transfer which may be involved in such division or combination, the Company shall execute and deliver a new Warrant or Warrants in exchange for the Warrant or Warrants to be divided or combined in accordance with such notice. All Warrants issued on transfers or exchanges shall be dated the original Issue Date of this Warrant and shall be identical with this Warrant except as to the number of Warrant Shares issuable pursuant thereto.

c) Warrant Register. The Company shall register this Warrant, upon records to be maintained by the Company for that purpose (the “Warrant Register”), in the name of the record Holder hereof from time to time. The Company may deem and treat the registered Holder of this Warrant as the absolute owner hereof for the purpose of any exercise hereof or any distribution to the Holder, and for all other purposes, absent actual notice to the contrary.

Section 5. Subsequent Registration Statement.

a) On or prior to the Filing Date, the Company shall prepare and file with the Commission the Subsequent Registration Statement covering the primary issuance of the Registrable Securities. Subject to the terms of this Warrant, the Company shall use its best efforts to cause the Subsequent Registration Statement to be declared effective under the Securities Act as promptly as possible after the filing thereof, but in any event no later than the applicable Effectiveness Date, and shall use its best efforts to keep the Subsequent Registration Statement continuously effective under the Securities Act until the date that all Registrable Securities covered by the Subsequent Registration Statement (i) have been issued thereunder by the Company (the “Effectiveness Period”). The Company shall file a Current Report on Form 8-K no later than 9:00 a.m. on the Trading Day immediately following the effective date of the Subsequent Registration Statement to announce the effectiveness of the Subsequent Registration Statement. The Company shall, by 9:30 a.m. Eastern Time on the Trading Day after the effective date of the Subsequent Registration Statement, file a final prospectus with the Commission as required by Rule 424.

b) In connection with the Company's registration obligations hereunder, the Company shall (i) prepare and file with the Commission such amendments, including post-effective amendments, to the Subsequent Registration Statement and the prospectus concerning the Registrable Securities used in connection therewith as may be necessary to keep the Subsequent Registration Statement continuously effective as to the Registrable Securities for the Effectiveness Period, (ii) cause the related prospectus used in connection therewith to be amended or supplemented by any required Prospectus supplement, and, as so supplemented or amended, to be filed pursuant to Rule 424, and (iii) respond as promptly as reasonably possible to any comments received from the Commission with respect to the Subsequent Registration Statement or any amendment thereto.

c) All fees and expenses incident to the performance of or compliance with, the Subsequent Registration Statement by the Company shall be borne by the Company whether or not any Registrable Securities are issued pursuant to the Subsequent Registration Statement.

Section 6. Miscellaneous.

a) No Rights as Stockholder Until Exercise. This Warrant does not entitle the Holder to any voting rights, dividends or other rights as a stockholder of the Company prior to the exercise hereof as set forth in Section 2(d)(i), except as expressly set forth in Section 3. Without limiting any rights of a Holder to receive Warrant Shares on a "cashless exercise" pursuant to Section 2(c) or to receive cash payments pursuant to Section 2(d)(i) and Section 2(d)(iv) herein, in no event, including if the Company is for any reason unable to issue and deliver Warrant Shares upon exercise of this Warrant as required pursuant to the terms thereof, shall the Company be required to net cash settle an exercise of this Warrant.

b) Loss, Theft, Destruction or Mutilation of Warrant. The Company covenants that upon receipt by the Company of evidence reasonably satisfactory to it of the loss, theft, destruction or mutilation of this Warrant or any stock certificate relating to the Warrant Shares, and in case of loss, theft or destruction, of indemnity or security reasonably satisfactory to it (which shall in no event include the posting of any bond), and upon surrender and cancellation of such Warrant or stock certificate, if mutilated, the Company shall make and deliver a new Warrant or stock certificate of like tenor and dated as of such cancellation, in lieu of such Warrant or stock certificate.

c) Saturdays, Sundays, Holidays, etc. If the last or appointed day for the taking of any action or the expiration of any right required or granted herein shall not be a Trading Day, then such action may be taken or such right may be exercised on the next succeeding Trading Day.

d) Authorized Shares. The Company covenants that, during the period the Warrant is outstanding, it will reserve from its authorized and unissued shares of Common Stock a sufficient number of shares to provide for the issuance of the Warrant Shares upon the exercise of any purchase rights under this Warrant. The Company further covenants that its issuance of this Warrant shall constitute full authority to its officers who are charged with the duty of issuing the necessary Warrant Shares upon the exercise of the purchase rights under this Warrant. The Company shall take all such reasonable action as may be necessary to assure that such Warrant Shares may be issued as provided herein without violation of any applicable law or regulation, or of any requirements of the Trading Market upon which the Common Stock may be listed or quoted for trading. The Company covenants that all Warrant Shares which may be issued upon the exercise of the purchase rights represented by this Warrant will, upon exercise of the purchase rights represented by this Warrant and payment for such Warrant Shares in accordance herewith, be duly authorized, validly issued, fully paid and non-assessable and free from all taxes, liens and charges created by the Company in respect of the issue thereof (other than taxes in respect of any transfer occurring contemporaneously with such issue).

Except and to the extent as waived or consented to by the Holder, the Company shall not by any action, including, without limitation, amending its certificate of incorporation or through any reorganization, transfer of assets, consolidation, merger, amalgamation, arrangement dissolution, issue or sale of securities or any other voluntary action, avoid or seek to avoid the observance or performance of any of the terms of this Warrant, but will at all times in good faith assist in the carrying out of all such terms and in the taking of all such actions as may be necessary or appropriate to protect the rights of Holder as set forth in this Warrant against impairment. Without limiting the generality of the foregoing, the Company shall (i) not increase the par value of any Warrant Shares above the amount payable therefor upon such exercise immediately prior to such increase in par value, (ii) take all such action as may be necessary or appropriate in order that the Company may validly and legally issue fully paid and non-assessable Warrant Shares upon the exercise of this Warrant and (iii) use commercially reasonable efforts to obtain all such authorizations, exemptions or consents from any public regulatory body having jurisdiction thereof, as may be, necessary to enable the Company to perform its obligations under this Warrant.

Before taking any action which would result in an adjustment in the number of Warrant Shares for which this Warrant is exercisable or in the Exercise Price, the Company shall obtain all such authorizations or exemptions thereof, or consents thereto, as may be necessary from any public regulatory body or bodies having jurisdiction thereof.

e) Governing Law. All questions concerning the construction, validity, enforcement and interpretation of this Warrant shall be governed by and construed and enforced in accordance with the internal laws of the State of New York, without regard to the principles of conflict of laws thereof. Each party agrees that all legal Proceedings concerning the interpretation, enforcement and defense of this Warrant shall be commenced in the state and federal courts sitting in the City of New York, Borough of Manhattan (the “New York Courts”). Each party hereto hereby irrevocably submits to the exclusive jurisdiction of the New York Courts for the adjudication of any dispute hereunder or in connection herewith or with any transaction contemplated hereby or discussed herein (including with respect to the enforcement of any provision hereunder), and hereby irrevocably waives, and agrees not to assert in any suit, action or Proceeding, any claim that it is not personally subject to the jurisdiction of such New York Courts, or such New York Courts are improper or inconvenient venue for such Proceeding. If any party shall commence an action or Proceeding to enforce any provisions of this Warrant, then the prevailing party in such action or Proceeding shall be reimbursed by the other party for its attorneys’ fees and other costs and expenses incurred in the investigation, preparation and prosecution of such action or Proceeding.

f) Restrictions. The Holder acknowledges that the Warrant Shares acquired upon the exercise of this Warrant, if not registered, and if the Holder does not utilize cashless exercise, will have restrictions upon resale imposed by state and federal securities laws.

g) Nonwaiver and Expenses. No course of dealing or any delay or failure to exercise any right hereunder on the part of Holder shall operate as a waiver of such right or otherwise prejudice the Holder’s rights, powers or remedies. Without limiting any other provision of this Warrant, if the Company willfully and knowingly fails to comply with any provision of this Warrant, which results in any material damages to the Holder, the Company shall pay to the Holder such amounts as shall be sufficient to cover any costs and expenses including, but not limited to, reasonable attorneys’ fees, including those of appellate Proceedings, incurred by the Holder in collecting any amounts due pursuant hereto or in otherwise enforcing any of its rights, powers or remedies hereunder.

h) Notices. Any and all notices or other communications or deliveries to be provided by the Holders hereunder including, without limitation, any Notice of Exercise, shall be in writing and delivered personally, by e-mail, or sent by a nationally recognized overnight courier service, addressed to the Company, at 8123 InterPost Blvd., Suite C, Englewood, Colorado 80112 (notices@xtiaerospace.com) or such other email address or address as the Company may specify for such purposes by notice to the Holders. Any and all notices or other communications or deliveries to be provided by the Company hereunder shall be in writing and delivered personally, by facsimile, email or sent by a nationally recognized overnight courier service addressed to each Holder at the email address or address of such Holder appearing on the books of the Company. Any notice or other communication or deliveries hereunder shall be deemed given and effective on the earliest of (i) the time of transmission, if such notice or communication is delivered via e-mail at the e-mail address set forth in this Section prior to 5:30 p.m. (New York City time) on any date, (ii) the next Trading Day after the date of transmission, if such notice or communication is delivered via e-mail at the e-mail address set forth in this Section on a day that is not a Trading Day or later than 5:30 p.m. (New York City time) on any Trading Day, (iii) the second Trading Day following the date of mailing, if sent by U.S. nationally recognized overnight courier service, or (iv) upon actual receipt by the party to whom such notice is required to be given.

i) Limitation of Liability. No provision hereof, in the absence of any affirmative action by the Holder to exercise this Warrant to purchase Warrant Shares, and no enumeration herein of the rights or privileges of the Holder, shall give rise to any liability of the Holder for the purchase price of any Common Stock or as a stockholder of the Company, whether such liability is asserted by the Company or by creditors of the Company.

j) Remedies. The Holder, in addition to being entitled to exercise all rights granted by law, including recovery of damages, will be entitled to specific performance of its rights under this Warrant. The Company agrees that monetary damages would not be adequate compensation for any loss incurred by reason of a breach by it of the provisions of this Warrant and hereby agrees to waive and not to assert the defense in any action for specific performance that a remedy at law would be adequate.

k) Successors and Assigns. Subject to applicable securities laws, this Warrant and the rights and obligations evidenced hereby shall inure to the benefit of and be binding upon the successors and permitted assigns of the Company and the successors and permitted assigns of Holder. The provisions of this Warrant are intended to be for the benefit of any Holder from time to time of this Warrant and shall be enforceable by the Holder or holder of Warrant Shares.

l) Amendment. This Warrant may be modified or amended or the provisions hereof waived with the written consent of the Company, on the one hand, and the Holder on the other hand.

m) Severability. Wherever possible, each provision of this Warrant shall be interpreted in such manner as to be effective and valid under applicable law, but if any provision of this Warrant shall be prohibited by or invalid under applicable law, such provision shall be ineffective to the extent of such prohibition or invalidity, without invalidating the remainder of such provisions or the remaining provisions of this Warrant.

n) No Expense Reimbursement. The Holder shall in no way be required to pay, or to reimburse the Company for, any fees or expenses of the Company's transfer agent in connection with the issuance or holding or sale of the Common Stock, Warrant and/or Warrant Shares. The Company shall solely be responsible for any and all such fees and expenses.

o) Headings. The headings used in this Warrant are for the convenience of reference only and shall not, for any purpose, be deemed a part of this Warrant.

(Signature Page Follows)

IN WITNESS WHEREOF, the Company has caused this Warrant to be executed by its officer thereunto duly authorized as of the date first above indicated.

XTI AEROSPACE, INC.

By: _____
Name:
Title:

NOTICE OF EXERCISE

TO: **XTI AEROSPACE, INC.**

(1) The undersigned hereby elects to purchase Warrant Shares of the Company pursuant to the terms of the attached Warrant (only if exercised in full), and tenders herewith payment of the exercise price in full, together with all applicable transfer taxes, if any.

(2) Payment shall take the form of (check applicable box):

☐ in lawful money of the United States; or

☐ if permitted, the cancellation of such number of Warrant Shares as is necessary, in accordance with the formula set forth in subsection 2(c), to exercise this Warrant with respect to the maximum number of Warrant Shares purchasable pursuant to the cashless exercise procedure set forth in subsection 2(c).

(3) Please issue said Warrant Shares in the name of the undersigned or in such other name as is specified below:

The Warrant Shares shall be delivered to the following DWAC Account Number:

[SIGNATURE OF HOLDER]

Name of Investing Entity:

Signature of Authorized

Signatory of Investing Entity:

Name of Authorized

Signatory:

Title of Authorized Signatory:

Date:

ASSIGNMENT FORM

(To assign the foregoing Warrant, execute this form and supply required information. Do not use this form to purchase shares.)

FOR VALUE RECEIVED, the foregoing Warrant and all rights evidenced thereby are hereby assigned to

Name: _____

(Please Print)

Address: _____

(Please Print)

Phone Number: _____

Email Address: _____

Dated: ,

Holder's Signature: _____

Holder's Address: _____

Form of Representative's Warrant Agreement

THIS PURCHASE WARRANT IS VOID AFTER 5:00 P.M., EASTERN TIME, [] [DATE THAT IS FIVE YEARS FROM THE INITIAL EXERCISE DATE].

WARRANT TO PURCHASE COMMON STOCK

XTI AEROSPACE, INC.

Warrant Shares: _____

Initial Exercise Date: _____, 2025

THIS WARRANT TO PURCHASE COMMON STOCK (the "Warrant") certifies that, for value received, _____ or its assigns (the "Holder") is entitled, upon the terms and subject to the limitations on exercise and the conditions hereinafter set forth, at any time on or after _____, 2025 (the "Initial Exercise Date") and, in accordance with FINRA Rule 5110(g)(8)(A), prior to at 5:00 p.m. (New York time) on the date that is five (5) years following the Initial Exercise Date (the "Termination Date") but not thereafter, to subscribe for and purchase from XTI Aerospace, Inc., a Nevada corporation (the "Company"), up to _____ shares of Common Stock, par value \$0.001 per share, of the Company (the "Warrant Shares"), as subject to adjustment hereunder. The purchase price of one share of Common Stock under this Warrant shall be equal to the Exercise Price, as defined in Section 2(b).

Section 1. Definitions. In addition to the terms defined elsewhere in this Warrant, the following terms have the meanings indicated in this Section 1:

"Affiliate" means any Person that, directly or indirectly through one or more intermediaries, controls or is controlled by or is under common control with a Person, as such terms are used in and construed under Rule 405 under the Securities Act.

"Business Day" means any day except any Saturday, any Sunday, any day which is a federal legal holiday in the United States or any day on which banking institutions in the State of New York are authorized or required by law or other governmental action to close.

"Commission" means the United States Securities and Exchange Commission.

"Exchange Act" means the Securities Exchange Act of 1934, as amended, and the rules and regulations promulgated thereunder.

"Person" means an individual or corporation, partnership, trust, incorporated or unincorporated association, joint venture, limited liability company, joint stock company, government (or an agency or subdivision thereof) or other entity of any kind.

"Rule 144" means Rule 144 promulgated by the Commission pursuant to the Securities Act, as such Rule may be amended or interpreted from time to time, or any similar rule or regulation hereafter adopted by the Commission having substantially the same purpose and effect as such Rule.

“Securities Act” means the Securities Act of 1933, as amended, and the rules and regulations promulgated thereunder.

“Trading Day” means a day on which the Trading Market is open for trading.

“Trading Market” means any of the following markets or exchanges on which the Common Stock is listed or quoted for trading on the date in question: the NYSE American, the Nasdaq Capital Market, the Nasdaq Global Market, the Nasdaq Global Select Market, or the New York Stock Exchange (or any successors to any of the foregoing).

“VWAP” means, for any date, the price determined by the first of the following clauses that applies: (a) if the Common Stock then listed or quoted on a Trading Market, the daily volume weighted average price of the Common Stock for such date (or the nearest preceding date) on the Trading Market on which the Common Stock is then listed or quoted as reported by Bloomberg L.P. (based on a Trading Day from 9:30 a.m. (New York City time) to 4:02 p.m. (New York City time)), (b) if OTCQB or OTCQX is not a Trading Market, the volume weighted average price of a share of Common Stock for such date (or the nearest preceding date) on the OTCQB or OTCQX as applicable, (c) if Common Stock is not then listed or quoted for trading on the OTCQB or OTCQX and if prices for Common Stock are then reported in the “Pink Sheets” published by OTC Markets Group, Inc. (or a similar organization or agency succeeding to its functions of reporting prices), the most recent bid price per share of Common Stock so reported, or (d) in all other cases, the fair market value of the Common Stock as determined by an independent appraiser selected in good faith by the Holder and reasonably acceptable to the Company, the fees and expenses of which shall be paid by the Company.

Section 2. Exercise.

a) Exercise of the purchase rights represented by this Warrant may be made, in whole or in part, at any time or times on or after the Initial Exercise Date and on or before the Termination Date by delivery to the Company (or such other office or agency of the Company as it may designate by notice in writing to the registered Holder at the address of the Holder appearing on the books of the Company) of a duly executed facsimile copy (or e-mail attachment) of the Notice of Exercise Form annexed hereto. Within two (2) Trading Days following the date of exercise as aforesaid, the Holder shall deliver the aggregate Exercise Price for the shares specified in the applicable Notice of Exercise by wire transfer or cashier’s check drawn on a United States bank unless the cashless exercise procedure specified in Section 2(c) below is specified in the applicable Notice of Exercise. No ink-original Notice of Exercise shall be required, nor shall any medallion guarantee (or other type of guarantee or notarization) of any Notice of Exercise form be required. Notwithstanding anything herein to the contrary, the Holder shall not be required to physically surrender this Warrant to the Company until the Holder has purchased all of the Warrant Shares available hereunder and the Warrant has been exercised in full, in which case, the Holder shall surrender this Warrant to the Company for cancellation within five (5) Trading Days of the date the final Notice of Exercise is delivered to the Company. Partial exercises of this Warrant resulting in purchases of a portion of the total number of Warrant Shares available hereunder shall have the effect of lowering the outstanding number of Warrant Shares purchasable hereunder in an amount equal to the applicable number of Warrant Shares purchased. The Holder and the Company shall maintain records showing the number of Warrant Shares purchased and the date of such purchases. The Company shall deliver any objection to any Notice of Exercise Form within two (2) Business Days of receipt of such notice. **The Holder and any assignee, by acceptance of this Warrant, acknowledge and agree that, by reason of the provisions of this paragraph, following the purchase of a portion of the Warrant Shares hereunder, the number of Warrant Shares available for purchase hereunder at any given time may be less than the amount stated on the face hereof.**

b) Exercise Price. The exercise price per share of the Common Stock under this Warrant shall be \$_____¹, subject to adjustment hereunder (the “Exercise Price”).

¹ 125% of the public offering price per share of common stock and warrant in the offering.

c) Cashless Exercise. In lieu of exercising this Warrant by delivering the aggregate Exercise Price by wire transfer or cashier's check, at the election of the Holder this Warrant may also be exercised, in whole or in part, at such time by means of a "cashless exercise" in which the Holder shall be entitled to receive the number of Warrant Shares equal to the quotient obtained by dividing $[(A-B) (X)]$ by (A), where:

(A) = the VWAP on the Trading Day immediately preceding the date on which Holder elects to exercise this Warrant by means of a "cashless exercise," as set forth in the applicable Notice of Exercise;

(B) = the Exercise Price of this Warrant, as adjusted hereunder; and

(X) = the number of Warrant Shares that would be issuable upon exercise of this Warrant in accordance with the terms of this Warrant if such exercise were by means of a cash exercise rather than a cashless exercise.

If Warrant Shares are issued in such a "cashless exercise," the parties acknowledge and agree that in accordance with Section 3(a)(9) of the Securities Act, the Warrant Shares shall take on the registered characteristics of this Warrant being exercised, and the holding period of this Warrant being exercised may be tacked on to the holding period of the Warrant Shares. The Company agrees not to take any position contrary to this Section 2(c).

Notwithstanding anything herein to the contrary, on the Termination Date, this Warrant shall be automatically exercised via cashless exercise pursuant to this Section 2(c).

d) Mechanics of Exercise.

i. Delivery of Warrant Shares Upon Exercise. The Company shall cause the Warrant Shares purchased hereunder to be transmitted by its transfer agent to the Holder by crediting the account of the Holder's or its designee's balance account with The Depository Trust Company through its Deposit or Withdrawal at Custodian system ("DWAC") if the Company is then a participant in such system and either (A) there is an effective registration statement permitting the issuance of the Warrant Shares to or resale of the Warrant Shares by Holder, or (B) the Warrant Shares are eligible for resale by the Holder without volume or manner-of-sale limitations pursuant to Rule 144 and, in either case, the Warrant Shares have been sold by the Holder prior to the Warrant Share Delivery Date (as defined below), and otherwise by physical delivery of a certificate, registered in the Company's share register in the name of the Holder or its designee, for the number of Warrant Shares to which the Holder is entitled pursuant to such exercise to the address specified by the Holder in the Notice of Exercise by the date that is two (2) Trading Days after the delivery to the Company of the Notice of Exercise (such date, the "Warrant Share Delivery Date") provided that the Company shall not be obligated to deliver the Warrant Shares hereunder unless the Company has received the aggregate Exercise Price on or before the Warrant Share Delivery Date. If the Warrant Shares can be delivered via DWAC, the transfer agent shall have received from the Company, at the expense of the Company, any legal opinions or other documentation required by it to deliver such Warrant Shares without legend (subject to receipt by the Company of reasonable back up documentation from the Holder, including with respect to affiliate status) and, if applicable and requested by the Company prior to the Warrant Share Delivery Date, the transfer agent shall have received from the Holder a confirmation of sale of the Warrant Shares (provided the requirement of the Holder to provide a confirmation as to the sale of Warrant Shares shall not be applicable to the issuance of unlegended Warrant Shares upon a cashless exercise of this Warrant if the Warrant Shares are then eligible for resale pursuant to Rule 144(b)(1)). The Warrant Shares shall be deemed to have been issued, and Holder or any other person so designated to be named therein shall be deemed to have become a holder of record of such shares for all purposes, as of the date the Warrant has been exercised, with payment to the Company of the Exercise Price (or by cashless exercise, if permitted) and all taxes required to be paid by the Holder, if any, pursuant to Section 2(d)(vi) prior to the issuance of such shares, having been paid. If the Company fails for any reason to deliver to the Holder the Warrant Shares subject to a Notice of Exercise by the second Trading Day following the Warrant Share Delivery Date (other than any such failure that is solely due to any action or inaction by the Holder with respect to such exercise), provided that payment of the aggregate Exercise Price (other than in the instance of a cashless exercise) is received by the Company by such date, the Company shall pay to the Holder, in cash, as liquidated damages and not as a penalty, for each \$1,000 of Warrant Shares subject to such exercise (based on the VWAP of the Common Stock on the date of the applicable Notice of Exercise), \$10 per Trading Day (increasing to \$20 per Trading Day on the fifth Trading Day after such liquidated damages begin to accrue) for each Trading Day after the second Trading Day following such Warrant Share Delivery Date until such Warrant Shares are delivered or Holder rescinds such exercise.

ii. Delivery of New Warrants Upon Exercise. If this Warrant shall have been exercised in part, the Company shall, at the request of a Holder and upon surrender of this Warrant certificate, at the time of delivery of the Warrant Shares, deliver to the Holder a new Warrant evidencing the rights of the Holder to purchase the unpurchased Warrant Shares called for by this Warrant, which new Warrant shall in all other respects be identical with this Warrant.

iii. Rescission Rights. If the Company fails to cause its transfer agent to deliver to the Holder the Warrant Shares pursuant to Section 2(d)(i) by the Warrant Share Delivery Date, then the Holder will have the right to rescind such exercise; provided, however, that the Holder shall be required to return any Warrant Shares or Common Stock subject to any such rescinded exercise notice concurrently with the return to Holder of the aggregate Exercise Price paid to the Company for such Warrant Shares and the restoration of Holder's right to acquire such Warrant Shares pursuant to this Warrant (including, issuance of a replacement warrant certificate evidencing such restored right).

iv. Compensation for Buy-In on Failure to Timely Deliver Warrant Shares Upon Exercise. In addition to any other rights available to the Holder, if the Company fails to cause its transfer agent to transmit to the Holder the Warrant Shares pursuant to an exercise on or before the Warrant Share Delivery Date (other than any such failure that is solely due to any action or inaction by the Holder with respect to such exercise), provided that payment of the aggregate Exercise Price (other than in the instance of a cashless exercise) is received by the Company by such date, and if after such date the Holder is required by its broker to purchase (in an open market transaction or otherwise) or the Holder's brokerage firm otherwise purchases, shares of Common Stock to deliver in satisfaction of a sale by the Holder of the Warrant Shares which the Holder anticipated receiving upon such exercise (a "Buy-In"), then the Company shall (A) pay in cash to the Holder the amount, if any, by which (x) the Holder's total purchase price (including brokerage commissions, if any) for the shares of Common Stock so purchased exceeds (y) the amount obtained by multiplying (1) the number of Warrant Shares that the Company was required to deliver to the Holder in connection with the exercise at issue times (2) the price at which the sell order giving rise to such purchase obligation was executed, and (B) at the option of the Holder, either reinstate the portion of the Warrant and equivalent number of Warrant Shares for which such exercise was not honored (in which case such exercise shall be deemed rescinded) or deliver to the Holder the number of shares of Common Stock that would have been issued had the Company timely complied with its exercise and delivery obligations hereunder. For example, if the Holder purchases Common Stock having a total purchase price of \$11,000 to cover a Buy-In with respect to an attempted exercise of shares of Common Stock with an aggregate sale price giving rise to such purchase obligation of \$10,000, under clause (A) of the immediately preceding sentence the Company shall be required to pay the Holder \$1,000. The Holder shall provide the Company written notice indicating the amounts payable to the Holder in respect of the Buy-In and, upon request of the Company, evidence of the amount of such loss. Nothing herein shall limit a Holder's right to pursue any other remedies available to it hereunder, at law or in equity including, without limitation, a decree of specific performance and/or injunctive relief with respect to the Company's failure to timely deliver shares of Common Stock upon exercise of the Warrant as required pursuant to the terms hereof.

v. No Fractional Shares or Scrip. No fractional shares or scrip representing fractional shares shall be issued upon the exercise of this Warrant. As to any fraction of a share which the Holder would otherwise be entitled to purchase upon such exercise, the Company shall, at its election, either pay a cash adjustment in respect of such final fraction in an amount equal to such fraction multiplied by the Exercise Price or round up to the next whole share.

vi. Charges, Taxes and Expenses. Issuance of Warrant Shares shall be made without charge to the Holder for any issue or transfer tax or other incidental expense in respect of the issuance of such Warrant Shares, all of which taxes and expenses shall be paid by the Company, and such Warrant Shares shall be issued in the name of the Holder or in such name or names as may be directed by the Holder; provided, however, that in the event that Warrant Shares are to be issued in a name other than the name of the Holder, this Warrant when surrendered for exercise shall be accompanied by the Assignment Form attached hereto duly executed by the Holder and the Company may require, as a condition thereto, the payment of a sum sufficient to reimburse it for any transfer tax incidental thereto. The Company shall pay all transfer agent fees required for same-day processing of any Notice of Exercise and all fees to the Depository Trust Company (or another established clearing corporation performing similar functions) required for same-day electronic delivery of the Warrant Shares.

vii. Closing of Books. The Company will not close its stockholder books or records in any manner which prevents the timely exercise of this Warrant, pursuant to the terms hereof.

viii. Signature. This Section 2 and the exercise form attached hereto set forth the totality of the procedures required of the Holder in order to exercise this Purchase Warrant. Without limiting the preceding sentences, no ink-original exercise form shall be required, nor shall any medallion guarantee (or other type of guarantee or notarization) of any exercise form be required in order to exercise this Purchase Warrant. No additional legal opinion, other information or instructions shall be required of the Holder to exercise this Purchase Warrant. The Company shall honor exercises of this Purchase Warrant and shall deliver Shares underlying this Purchase Warrant in accordance with the terms, conditions and time periods set forth herein.

e) **Holder's Exercise Limitations.** The Company shall not effect any exercise of this Warrant, and a Holder shall not have the right to exercise any portion of this Warrant, pursuant to Section 2 or otherwise, to the extent that after giving effect to such issuance after exercise as set forth on the applicable Notice of Exercise, the Holder (together with the Holder's Affiliates, and any other Persons acting as a group together with the Holder or any of the Holder's Affiliates), would beneficially own in excess of the Beneficial Ownership Limitation (as defined below). For purposes of the foregoing sentence, the number of shares of Common Stock beneficially owned by the Holder and its Affiliates shall include the number of shares of Common Stock issuable upon exercise of this Warrant with respect to which such determination is being made, but shall exclude the number of shares of Common Stock which would be issuable upon (i) exercise of the remaining, nonexercised portion of this Warrant beneficially owned by the Holder or any of its Affiliates and (ii) exercise or conversion of the unexercised or nonconverted portion of any other securities of the Company (including, without limitation, any other Common Stock Equivalents) subject to a limitation on conversion or exercise analogous to the limitation contained herein beneficially owned by the Holder or any of its Affiliates. Except as set forth in the preceding sentence, for purposes of this Section 2(e), beneficial ownership shall be calculated in accordance with Section 13(d) of the Exchange Act and the rules and regulations promulgated thereunder, it being acknowledged by the Holder that the Company is not representing to the Holder that such calculation is in compliance with Section 13(d) of the Exchange Act and the Holder is solely responsible for any schedules required to be filed in accordance therewith. To the extent that the limitation contained in this Section 2(e) applies, the determination of whether this Warrant is exercisable (in relation to other securities owned by the Holder together with any Affiliates) and of which portion of this Warrant is exercisable shall be in the sole discretion of the Holder, and the submission of a Notice of Exercise shall be deemed to be the Holder's determination of whether this Warrant is exercisable (in relation to other securities owned by the Holder together with any Affiliates) and of which portion of this Warrant is exercisable, in each case subject to the Beneficial Ownership Limitation, and the Company shall have no obligation to verify or confirm the accuracy of such determination. In addition, a determination as to any group status as contemplated above shall be determined in accordance with Section 13(d) of the Exchange Act and the rules and regulations promulgated thereunder. For purposes of this Section 2(e), in determining the number of outstanding shares of Common Stock, a Holder may rely on the number of outstanding shares of Common Stock as reflected in (A) the Company's most recent periodic or annual report filed with the Commission, as the case may be, (B) a more recent public announcement by the Company or (C) a more recent written notice by the Company or the Company's transfer agent setting forth the number of shares of Common Stock outstanding. Upon the written or oral request of a Holder, the Company shall within two Trading Days confirm orally and in writing to the Holder the number of shares of Common Stock then outstanding. In any case, the number of outstanding shares of Common Stock shall be determined after giving effect to the conversion or exercise of securities of the Company, including this Warrant, by the Holder or its Affiliates since the date as of which such number of outstanding shares of Common Stock was reported. The "**Beneficial Ownership Limitation**" shall be 9.99% of the number of shares of the Common Stock outstanding immediately after giving effect to the issuance of shares of Common Stock issuable upon exercise of this Warrant. The Holder, upon notice to the Company, may increase or decrease the Beneficial Ownership Limitation provisions of this Section 2(e), provided that the Beneficial Ownership Limitation in no event exceeds 9.99% of the number of shares of the Common Stock outstanding immediately after giving effect to the issuance of shares of Common Stock upon exercise of this Warrant held by the Holder and the provisions of this Section 2(e) shall continue to apply. Any increase in the Beneficial Ownership Limitation will not be effective until the 61st day after such notice is delivered to the Company. The provisions of this paragraph shall be construed and implemented in a manner otherwise than in strict conformity with the terms of this Section 2(e) to correct this paragraph (or any portion hereof) which may be defective or inconsistent with the intended Beneficial Ownership Limitation herein contained or to make changes or supplements necessary or desirable to properly give effect to such limitation. The limitations contained in this paragraph shall apply to a successor holder of this Warrant.

Section 3. Certain Adjustments.

a) Stock Dividends and Splits. If the Company, at any time while this Warrant is outstanding: (i) pays a stock dividend or otherwise makes a distribution or distributions on shares of its Common Stock or any other equity or equity equivalent securities payable in shares of Common Stock (which, for avoidance of doubt, shall not include any shares of Common Stock issued by the Company upon exercise of this Warrant), (ii) subdivides outstanding shares of Common Stock into a larger number of shares, (iii) combines (including by way of reverse stock split) outstanding shares of Common Stock into a smaller number of shares, or (iv) issues by reclassification of shares of the Common Stock any shares of capital stock of the Company, then in each case the Exercise Price shall be multiplied by a fraction of which the numerator shall be the number of shares of Common Stock (excluding treasury shares, if any) outstanding immediately before such event and of which the denominator shall be the number of shares of Common Stock outstanding immediately after such event, and the number of shares issuable upon exercise of this Warrant shall be proportionately adjusted such that the aggregate Exercise Price of this Warrant shall remain unchanged. Any adjustment made pursuant to this Section 3(a) shall become effective immediately after the record date for the determination of stockholders entitled to receive such dividend or distribution and shall become effective immediately after the effective date in the case of a subdivision, combination or re-classification. For the purposes of clarification, the Exercise Price of this Warrant will not be adjusted in the event that the Company or any Subsidiary thereof, as applicable, sells or grants any option to purchase, or sell or grant any right to reprice, or otherwise dispose of or issue (or announce any offer, sale, grant or any option to purchase or other disposition) any Common Stock or Common Stock Equivalents, at an effective price per share less than the Exercise Price then in effect.

b) [RESERVED]

c) Subsequent Rights Offerings. In addition to any adjustments pursuant to Section 3(a) above, if at any time the Company grants, issues or sells any Common Stock Equivalents or rights to purchase stock, warrants, securities or other property pro rata to the record holders of any class of shares of Common Stock (the “Purchase Rights”), then the Holder will be entitled to acquire, upon the terms applicable to such Purchase Rights, the aggregate Purchase Rights which the Holder could have acquired if the Holder had held the number of shares of Common Stock acquirable upon complete exercise of this Warrant (without regard to any limitations on exercise hereof, including without limitation, the Beneficial Ownership Limitation) immediately before the date on which a record is taken for the grant, issuance or sale of such Purchase Rights, or, if no such record is taken, the date as of which the record holders of shares of Common Stock are to be determined for the grant, issue or sale of such Purchase Rights (provided, however, to the extent that the Holder’s right to participate in any such Purchase Right would result in the Holder exceeding the Beneficial Ownership Limitation, then the Holder shall not be entitled to participate in such Purchase Right to such extent (or beneficial ownership of such shares of Common Stock as a result of such Purchase Right to such extent) and such Purchase Right to such extent shall be held in abeyance for the Holder until such time, if ever, as its right thereto would not result in the Holder exceeding the Beneficial Ownership Limitation).

d) Pro Rata Distributions. During such time as this Warrant is outstanding, if the Company shall declare or make any dividend (other than cash dividends) or other distribution of its assets (or rights to acquire its assets) to holders of shares of Common Stock, by way of return of capital or otherwise (including, without limitation, any distribution of shares or other securities, property or options by way of a dividend, spin off, reclassification, corporate rearrangement, scheme of arrangement or other similar transaction) (a “Distribution”), at any time after the issuance of this Warrant, then, in each such case, the Holder shall be entitled to participate in such Distribution to the same extent that the Holder would have participated therein if the Holder had held the number of shares of Common Stock acquirable upon complete exercise of this Warrant (without regard to any limitations on exercise hereof, including without limitation, the Beneficial Ownership Limitation) immediately before the date of which a record is taken for such Distribution, or, if no such record is taken, the date as of which the record holders of shares of Common Stock are to be determined for the participation in such Distribution (provided, however, to the extent that the Holder’s right to participate in any such Distribution would result in the Holder exceeding the Beneficial Ownership Limitation, then the Holder shall not be entitled to participate in such Distribution to such extent (or in the beneficial ownership of any shares of Common Stock as a result of such Distribution to such extent) and the portion of such Distribution shall be held in abeyance for the benefit of the Holder until such time, if ever, as its right thereto would not result in the Holder exceeding the Beneficial Ownership Limitation). To the extent that this Warrant has not been partially or completely exercised at the time of such Distribution, such portion of the Distribution shall be held in abeyance for the benefit of the Holder until the Holder has exercised this Warrant.

e) Fundamental Transaction. If, at any time while this Warrant is outstanding, (i) the Company, directly or indirectly, in one or more related transactions effects any merger or consolidation of the Company with or into another Person other than any Subsidiary of the Company, whereby the stockholders of the Company immediately prior to such merger or consolidation do not own, directly or indirectly, at least 50% of the voting power of the surviving entity immediately after such merger or consolidation, (ii) the Company, directly or indirectly, effects any sale, lease, license, assignment, transfer, conveyance or other disposition of all or substantially all of its assets in one or a series of related transactions, (iii) any, direct or indirect, purchase offer, tender offer or exchange offer (whether by the Company or another Person) is completed pursuant to which holders of Common Stock are permitted to sell, tender or exchange their shares for other securities, cash or property and has been accepted by the holders of 50% or more of the outstanding Common Stock, (iv) the Company, directly or indirectly, in one or more related transactions effects any reclassification, reorganization or recapitalization of the Common Stock or any compulsory share exchange pursuant to which the Common Stock is effectively converted into or exchanged for other securities, cash or property, or (v) the Company, directly or indirectly, in one or more related transactions consummates a stock or share purchase agreement or other business combination (including, without limitation, a reorganization, recapitalization, spin-off or scheme of arrangement) with another Person or group of Persons whereby such other Person or group acquires more than 50% of the outstanding shares of Common Stock (not including any shares of Common Stock held by the other Person or other Persons making or party to, or associated or affiliated with the other Persons making or party to, such stock or share purchase agreement or other business combination) (each a “Fundamental Transaction”), then, upon any subsequent exercise of this Warrant, the Holder shall have the right to receive, for each Warrant Share that would have been issuable upon such exercise immediately prior to the occurrence of such Fundamental Transaction, at the option of the Holder (without regard to any limitation in Section 2(e) on the exercise of this Warrant), the number of shares of Common Stock of the successor or acquiring corporation or of the Company, if it is the surviving corporation, and any additional consideration (the “Alternate Consideration”) receivable by holders of Common Stock as a result of such Fundamental Transaction for each share of Common Stock for which this Warrant is exercisable immediately prior to such Fundamental Transaction (without regard to any limitation in Section 2(e) on the exercise of this Warrant). For purposes of any such exercise, the determination of the Exercise Price shall be appropriately adjusted to apply to such Alternate Consideration based on the amount of Alternate Consideration issuable in respect of one share of Common Stock in such Fundamental Transaction, and the Company shall apportion the Exercise Price among the Alternate Consideration in a reasonable manner reflecting the relative value of any different components of the Alternate Consideration. If holders of Common Stock are given any choice as to the securities, cash or property to be received in a Fundamental Transaction, then the Holder shall be given the same choice as to the Alternate Consideration it receives upon any exercise of this Warrant following such Fundamental Transaction. The Company shall cause any successor entity in a Fundamental Transaction in which the Company is not the survivor (the “Successor Entity”) to assume in writing all of the obligations of the Company under this Warrant in accordance with the provisions of this Section 3(e) pursuant to written agreements in form and substance reasonably satisfactory to the Holder and approved by the Holder (without unreasonable delay) prior to such Fundamental Transaction and shall, at the option of the Holder, deliver to the Holder in exchange for this Warrant a security of the Successor Entity evidenced by a written instrument substantially similar in form and substance to this Warrant which is exercisable for a corresponding number of shares of capital stock of such Successor Entity (or its parent entity) equivalent to the shares of Common Stock acquirable and receivable upon exercise of this Warrant (without regard to any limitations on the exercise of this Warrant) prior to such Fundamental Transaction, and with an exercise price which applies the exercise price hereunder to such shares of capital stock (but taking into account the relative value of the shares of Common Stock pursuant to such Fundamental Transaction and the value of such shares of capital stock, such number of shares of capital stock and such exercise price being for the purpose of protecting the economic value of this Warrant immediately prior to the consummation of such Fundamental Transaction), and which is reasonably satisfactory in form and substance to the Holder. Upon the occurrence of any such Fundamental Transaction, the Successor Entity shall succeed to, and be substituted for (so that from and after the date of such Fundamental Transaction, the provisions of this Warrant referring to the “Company” shall refer instead to the Successor Entity), and may exercise every right and power of the Company and shall assume all of the obligations of the Company under this Warrant with the same effect as if such Successor Entity had been named as the Company herein.

f) Calculations. All calculations under this Section 3 shall be made to the nearest cent or the nearest 1/100th of a share, as the case may be. For purposes of this Section 3, the number of shares of Common Stock deemed to be issued and outstanding as of a given date shall be the sum of the number of shares of Common Stock (excluding treasury shares, if any) issued and outstanding.

g) Notice to Holder.

i. Adjustment to Exercise Price. Whenever the Exercise Price is adjusted pursuant to any provision of this Section 3, the Company shall promptly mail to the Holder a notice setting forth the Exercise Price after such adjustment and any resulting adjustment to the number of Warrant Shares and setting forth a brief statement of the facts requiring such adjustment.

ii. Notice to Allow Exercise by Holder. If (A) the Company shall declare a dividend (or any other distribution in whatever form) on the Common Stock, (B) the Company shall declare a special nonrecurring cash dividend on or a redemption of the Common Stock, (C) the Company shall authorize the granting to all holders of the Common Stock rights or warrants to subscribe for or purchase any shares of capital stock of any class or of any rights, (D) the approval of any stockholders of the Company shall be required in connection with any reclassification of the Common Stock (a reverse stock split shall not be deemed a reclassification), any consolidation or merger to which the Company is a party, any sale or transfer of all or substantially all of the assets of the Company, or any compulsory share exchange whereby the Common Stock is converted into other securities, cash or property, or (E) the Company shall authorize the voluntary or involuntary dissolution, liquidation or winding up of the affairs of the Company, then, in each case, the Company shall cause to be mailed a notice (unless such information is filed with the Commission, in which case a notice shall not be required) to the Holder at its last address as it shall appear upon the Warrant Register of the Company, at least 10 calendar days prior to the applicable record or effective date hereinafter specified, stating (x) the date on which a record is to be taken for the purpose of such dividend, distribution, redemption, rights or warrants, or if a record is not to be taken, the date as of which the holders of the Common Stock of record to be entitled to such dividend, distributions, redemption, rights or warrants are to be determined or (y) the date on which such reclassification, consolidation, merger, sale, transfer or share exchange is expected to become effective or close, and the date as of which it is expected that holders of the Common Stock of record shall be entitled to exchange their shares of the Common Stock for securities, cash or other property deliverable upon such reclassification, consolidation, merger, sale, transfer or share exchange; provided that the failure to provide such notice or any defect therein shall not affect the validity of the corporate action required to be specified in such notice. To the extent that any notice provided hereunder constitutes, or contains, material, non-public information regarding the Company or any of the Subsidiaries, the Company shall simultaneously file such notice with the Commission pursuant to a Current Report on Form 8-K. The Holder shall remain entitled to exercise this Warrant during the period commencing on the date of such notice to the effective date of the event triggering such notice except as may otherwise be expressly set forth herein.

Section 4. Transfer of Warrant.

a) Transferability. Pursuant to FINRA Rule 5110(e)(1), neither this Warrant nor any Warrant Shares issued upon exercise of this Warrant shall be sold, transferred, assigned, pledged, or hypothecated, or be the subject of any hedging, short sale, derivative, put, or call transaction that would result in the effective economic disposition of the securities by any person for a period of 180 days immediately following the commencement of sales of the offering pursuant to which this Warrant is being issued, except the transfer of any security:

- i. by operation of law or by reason of reorganization of the Company;
- ii. to any FINRA member firm participating in the offering and the officers or partners thereof, if all securities so transferred remain subject to the lock-up restriction in this Section 4(a) for the remainder of the time period;
- iii. if the aggregate amount of securities of the Company held by the Holder or related person do not exceed 1% of the securities being offered;
- iv. that is beneficially owned on a pro-rata basis by all equity owners of an investment fund, provided that no participating member manages or otherwise directs investments by the fund, and participating members in the aggregate do not own more than 10% of the equity in the fund; or
- v. the exercise or conversion of any security, if all securities received remain subject to the lock-up restriction in this Section 4(a) for the remainder of the time period.

Subject to the foregoing restriction, any applicable securities laws and the conditions set forth in Section 4(d), this Warrant and all rights hereunder (including, without limitation, any registration rights) are transferable, in whole or in part, upon surrender of this Warrant at the principal office of the Company or its designated agent, together with a written assignment of this Warrant substantially in the form attached hereto duly executed by the Holder or its agent or attorney and funds sufficient to pay any transfer taxes payable upon the making of such transfer. Upon such surrender and, if required, such payment, the Company shall execute and deliver a new Warrant or Warrants in the name of the assignee or assignees, as applicable, and in the denomination or denominations specified in such instrument of assignment, and shall issue to the assignor a new Warrant evidencing the portion of this Warrant not so assigned, and this Warrant shall promptly be cancelled. Notwithstanding anything herein to the contrary, the Holder shall not be required to physically surrender this Warrant to the Company unless the Holder has assigned this Warrant in full, in which case, the Holder shall surrender this Warrant to the Company within three (3) Trading Days of the date the Holder delivers an assignment form to the Company assigning this Warrant full. The Warrant, if properly assigned in accordance herewith, may be exercised by a new holder for the purchase of Warrant Shares without having a new Warrant issued.

b) New Warrants. This Warrant may be divided or combined with other Warrants upon presentation hereof at the aforesaid office of the Company, together with a written notice specifying the names and denominations in which new Warrants are to be issued, signed by the Holder or its agent or attorney. Subject to compliance with Section 4(a), as to any transfer which may be involved in such division or combination, the Company shall execute and deliver a new Warrant or Warrants in exchange for the Warrant or Warrants to be divided or combined in accordance with such notice. All Warrants issued on transfers or exchanges shall be dated the initial issuance date of this Warrant and shall be identical with this Warrant except as to the number of Warrant Shares issuable pursuant thereto.

c) Warrant Register. The Company shall register this Warrant, upon records to be maintained by the Company for that purpose (the “Warrant Register”), in the name of the record Holder hereof from time to time. The Company may deem and treat the registered Holder of this Warrant as the absolute owner hereof for the purpose of any exercise hereof or any distribution to the Holder, and for all other purposes, absent actual notice to the contrary.

d) Representation by the Holder. The Holder, by the acceptance hereof, represents and warrants that it is acquiring this Warrant and, upon any exercise hereof, will acquire the Warrant Shares issuable upon such exercise, for its own account and not with a view to or for distributing or reselling such Warrant Shares or any part thereof in violation of the Securities Act or any applicable state securities law, except pursuant to sales registered or exempted under the Securities Act.

Section 5. Registration Rights.

5.1 Demand Registration.

5.1.1 Grant of Right. The Company, upon written demand (a “**Demand Notice**”) of the Holder(s) of at least 51% of the Warrants and/or the Warrant Shares (“**Majority Holders**”), agrees to register, on one occasion, all or any portion of the Warrant Shares underlying the Warrants (collectively, the “Registrable Securities”). On such occasion, the Company will file a registration statement with the Commission covering the Registrable Securities within sixty (60) days after receipt of a Demand Notice and use its reasonable best efforts to have the registration statement declared effective promptly thereafter, subject to compliance with review by the Commission; provided, however, that the Company shall not be required to comply with a Demand Notice if the Company has filed a registration statement with respect to which the Holder is entitled to piggyback registration rights pursuant to Section 5.2 hereof and either: (i) the Holder has elected to participate in the offering covered by such registration statement or (ii) if such registration statement relates to an underwritten primary offering of securities of the Company, until the offering covered by such registration statement has been withdrawn or until thirty (30) days after such offering is consummated. The demand for registration may be made at any time during a period of five (5) years beginning on the Initial Exercise Date. The Company covenants and agrees to give written notice of its receipt of any Demand Notice by any Holder(s) to all other registered Holders of the Warrants and/or the Registrable Securities within ten (10) days after the date of the receipt of any such Demand Notice.

5.1.2 Terms. The Company shall bear all fees and expenses attendant to the registration of the Registrable Securities pursuant to Section 5.1.1, but the Holders shall pay any and all underwriting commissions and the expenses of any legal counsel selected by the Holders to represent them in connection with the sale of the Registrable Securities. The Company agrees to use its reasonable best efforts to cause the filing required herein to become effective promptly and to qualify or register the Registrable Securities in such States as are reasonably requested by the Holder(s); provided, however, that in no event shall the Company be required to register the Registrable Securities in a State in which such registration would cause: (i) the Company to be obligated to register or license to do business in such State or submit to general service of process in such State, or (ii) the principal shareholders of the Company to be obligated to escrow their shares of capital stock of the Company. The Company shall cause any registration statement filed pursuant to the demand right granted under Section 5.1.1 to remain effective for a period of at least twelve (12) consecutive months after the date that the Holders of the Registrable Securities covered by such registration statement are first given the opportunity to sell all of such securities. The Holders shall only use the prospectuses provided by the Company to sell the Warrant Shares covered by such registration statement, and will immediately cease to use any prospectus furnished by the Company if the Company advises the Holder that such prospectus may no longer be used due to a material misstatement or omission. Notwithstanding the provisions of this Section 5.1.2, the Holder shall be entitled to a demand registration under this Section 5.1.2 on only one (1) occasion and such demand registration right shall terminate on the fifth anniversary of the date of the Underwriting Agreement (as defined below) in accordance with FINRA Rules 5110(g)(8)(B) and 5110(g)(8)(C).

5.2 “Piggy-Back” Registration.

5.2.1 Grant of Right. In addition to the demand right of registration described in Section 5.1 hereof, the Holder shall have the right, for a period of no more than five (5) years from the Initial Exercise Date in accordance with FINRA Rule 5110(g)(8)(D), to include the Registrable Securities as part of any other registration of securities filed by the Company (other than in connection with a transaction contemplated by Rule 145(a) promulgated under the Securities Act or pursuant to Form S-8 or any equivalent form); provided, however, that if, solely in connection with any primary underwritten public offering for the account of the Company, the managing underwriter(s) thereof shall, in its reasonable discretion, impose a limitation on the number of Warrant Shares which may be included in the Registration Statement because, in such underwriter(s)’ judgment, marketing or other factors dictate such limitation is necessary to facilitate public distribution, then the Company shall be obligated to include in such Registration Statement only such limited portion of the Registrable Securities with respect to which the Holder requested inclusion hereunder as the underwriter shall reasonably permit. Any exclusion of Registrable Securities shall be made pro rata among the Holders seeking to include Registrable Securities in proportion to the number of Registrable Securities sought to be included by such Holders; provided, however, that the Company shall not exclude any Registrable Securities unless the Company has first excluded all outstanding securities, the holders of which are not entitled to inclusion of such securities in such Registration Statement or are not entitled to pro rata inclusion with the Registrable Securities.

5.2.2 Terms. The Company shall bear all fees and expenses attendant to registering the Registrable Securities pursuant to Section 5.2.1 hereof, but the Holders shall pay any and all underwriting commissions and the expenses of any legal counsel selected by the Holders to represent them in connection with the sale of the Registrable Securities. In the event of such a proposed registration, the Company shall furnish the then Holders of outstanding Registrable Securities with not less than thirty (30) days written notice prior to the proposed date of filing of such registration statement. Such notice to the Holders shall continue to be given for each registration statement filed by the Company during the seven (7) year period following the Initial Exercise Date until such time as all of the Registrable Securities have been sold by the Holder. The holders of the Registrable Securities shall exercise the “piggy-back” rights provided for herein by giving written notice within ten (10) days of the receipt of the Company’s notice of its intention to file a registration statement. Except as otherwise provided in this Warrant, there shall be no limit on the number of times the Holder may request registration under this Section 5.2.2; provided, however, that such registration rights shall terminate on the second anniversary of the Termination Exercise Date.

5.3 General Terms

5.3.1 Indemnification. The Company shall indemnify the Holder(s) of the Registrable Securities to be sold pursuant to any registration statement hereunder and each person, if any, who controls such Holders within the meaning of Section 15 of the Securities Act or Section 20 (a) of the Exchange Act against all loss, claim, damage, expense or liability (including all reasonable attorneys’ fees and other expenses reasonably incurred in investigating, preparing or defending against any claim whatsoever) to which any of them may become subject under the Securities Act, the Exchange Act or otherwise, arising from such registration statement but only to the same extent and with the same effect as the provisions pursuant to which the Company has agreed to indemnify the Underwriters contained in Section 5.1 of the Underwriting Agreement between ThinkEquity LLC, as representative of the Underwriters, and the Company, dated as of [___], 2025 (the “Underwriting Agreement”). The Holder(s) of the Registrable Securities to be sold pursuant to such registration statement, and their successors and assigns, shall severally, and not jointly, indemnify the Company, against all loss, claim, damage, expense or liability (including all reasonable attorneys’ fees and other expenses reasonably incurred in investigating, preparing or defending against any claim whatsoever) to which they may become subject under the Securities Act, the Exchange Act or otherwise, arising from information furnished by or on behalf of such Holders, or their successors or assigns, in writing, for specific inclusion in such registration statement to the same extent and with the same effect as the provisions contained in Section 5.2 of the Underwriting Agreement pursuant to which the Underwriters have agreed to indemnify the Company.

5.3.2 Exercise of Warrants. Nothing contained in this Warrant shall be construed as requiring the Holder(s) to exercise its Warrants prior to or after the initial filing of any registration statement or the effectiveness thereof.

5.3.3 Documents Delivered to Holders. The Company shall furnish to each Holder participating in any of the foregoing offerings and to each underwriter of any such offering, if any, a signed counterpart, addressed to such Holder or underwriter, of: (i) an opinion of counsel to the Company, dated the effective date of such registration statement (and, if such registration includes an underwritten public offering, an opinion dated the date of the closing under any underwriting agreement related thereto), and (ii) a “cold comfort” letter dated the effective date of such registration statement (and, if such registration includes an underwritten public offering, a letter dated the date of the closing under the underwriting agreement) signed by the independent registered public accounting firm which has issued a report on the Company’s financial statements included in such registration statement, in each case covering substantially the same matters with respect to such registration statement (and the prospectus included therein) and, in the case of such accountants’ letter, with respect to events subsequent to the date of such financial statements, as are customarily covered in opinions of issuer’s counsel and in accountants’ letters delivered to underwriters in underwritten public offerings of securities. The Company shall also deliver promptly to each Holder participating in the offering requesting the correspondence and memoranda described below and to the managing underwriter, if any, copies of all correspondence between the Commission and the Company, its counsel or auditors and all memoranda relating to discussions with the Commission or its staff with respect to the registration statement and permit each Holder and underwriter to do such investigation, upon reasonable advance notice, with respect to information contained in or omitted from the registration statement as it deems reasonably necessary to comply with applicable securities laws or rules of FINRA. Such investigation shall include access to books, records and properties and opportunities to discuss the business of the Company with its officers and independent auditors, all to such reasonable extent and at such reasonable times as any such Holder shall reasonably request.

5.3.4 Underwriting Agreement. The Company shall enter into an underwriting agreement with the managing underwriter(s), if any, selected by any Holders whose Registrable Securities are being registered pursuant to this Section 5, which managing underwriter shall be reasonably satisfactory to the Company. Such agreement shall be reasonably satisfactory in form and substance to the Company, each Holder and such managing underwriters, and shall contain such representations, warranties and covenants by the Company and such other terms as are customarily contained in agreements of that type used by the managing underwriter. The Holders shall be parties to any underwriting agreement relating to an underwritten sale of their Registrable Securities and may, at their option, require that any or all the representations, warranties and covenants of the Company to or for the benefit of such underwriters shall also be made to and for the benefit of such Holders. Such Holders shall not be required to make any representations or warranties to or agreements with the Company or the underwriters except as they may relate to such Holders, their Warrant Shares and their intended methods of distribution.

5.3.5 Documents to be Delivered by Holder(s). Each of the Holder(s) participating in any of the foregoing offerings shall furnish to the Company a completed and executed questionnaire provided by the Company requesting information customarily sought of selling security holders.

5.3.6 Damages. Should the registration or the effectiveness thereof required by Sections 5.1 and 5.2 hereof be delayed by the Company or the Company otherwise fails to comply with such provisions, the Holder(s) shall, in addition to any other legal or other relief available to the Holder(s), be entitled to obtain specific performance or other equitable (including injunctive) relief against the threatened breach of such provisions or the continuation of any such breach, without the necessity of proving actual damages and without the necessity of posting bond or other security.

Section 6. Miscellaneous.

a) No Rights as Stockholder Until Exercise. This Warrant does not entitle the Holder to any voting rights, dividends or other rights as a stockholder of the Company prior to the exercise hereof as set forth in Section 2(d)(i).

b) Loss, Theft, Destruction or Mutilation of Warrant. The Company covenants that upon receipt by the Company of evidence reasonably satisfactory to it of the loss, theft, destruction or mutilation of this Warrant or any certificate relating to the Warrant Shares, and in case of loss, theft or destruction, of indemnity or security reasonably satisfactory to it (which, in the case of the Warrant, shall not include the posting of any bond), and upon surrender and cancellation of such Warrant or stock certificate, if mutilated, the Company will make and deliver a new Warrant or stock certificate of like tenor and dated as of such cancellation, in lieu of such Warrant or stock certificate.

c) Saturdays, Sundays, Holidays, etc. If the last or appointed day for the taking of any action or the expiration of any right required or granted herein shall not be a Trading Day, then, such action may be taken or such right may be exercised on the next succeeding Trading Day.

d) Authorized Shares.

The Company covenants that, during the period the Warrant is outstanding, it will reserve from its authorized and unissued Common Stock a sufficient number of shares to provide for the issuance of the Warrant Shares upon the exercise of any purchase rights under this Warrant. The Company further covenants that its issuance of this Warrant shall constitute full authority to its officers who are charged with the duty of issuing the necessary Warrant Shares upon the exercise of the purchase rights under this Warrant. The Company will take all such reasonable action as may be necessary to assure that such Warrant Shares may be issued as provided herein without violation of any applicable law or regulation, or of any requirements of the Trading Market upon which the Common Stock may be listed. The Company covenants that all Warrant Shares which may be issued upon the exercise of the purchase rights represented by this Warrant will, upon exercise of the purchase rights represented by this Warrant and payment for such Warrant Shares in accordance herewith, be duly authorized, validly issued, fully paid and nonassessable and free from all taxes, liens and charges created by the Company in respect of the issue thereof (other than taxes in respect of any transfer occurring contemporaneously with such issue).

Except and to the extent as waived or consented to by the Holder, the Company shall not by any action, including, without limitation, amending its articles of incorporation or through any reorganization, transfer of assets, consolidation, merger, dissolution, issue or sale of securities or any other voluntary action, avoid or seek to avoid the observance or performance of any of the terms of this Warrant, but will at all times in good faith assist in the carrying out of all such terms and in the taking of all such actions as may be necessary or appropriate to protect the rights of Holder as set forth in this Warrant against impairment. Without limiting the generality of the foregoing, the Company will (i) not increase the par value of any Warrant Shares above the amount payable therefor upon such exercise immediately prior to such increase in par value, (ii) take all such action as may be necessary or appropriate in order that the Company may validly and legally issue fully paid and nonassessable Warrant Shares upon the exercise of this Warrant and (iii) use commercially reasonable efforts to obtain all such authorizations, exemptions or consents from any public regulatory body having jurisdiction thereof, as may be, necessary to enable the Company to perform its obligations under this Warrant.

Before taking any action which would result in an adjustment in the number of Warrant Shares for which this Warrant is exercisable or in the Exercise Price, the Company shall obtain all such authorizations or exemptions thereof, or consents thereto, as may be necessary from any public regulatory body or bodies having jurisdiction thereof.

e) Jurisdiction. All questions concerning the construction, validity, enforcement and interpretation of this Warrant shall be determined in accordance with the provisions of the Underwriting Agreement.

f) Restrictions. The Holder acknowledges that the Warrant Shares acquired upon the exercise of this Warrant, if not registered, and the Holder does not utilize cashless exercise, will have restrictions upon resale imposed by state and federal securities laws.

g) Nonwaiver and Expenses. No course of dealing or any delay or failure to exercise any right hereunder on the part of Holder shall operate as a waiver of such right or otherwise prejudice the Holder's rights, powers or remedies. Without limiting any other provision of this Warrant or the Underwriting Agreement, if the Company willfully and knowingly fails to comply with any provision of this Warrant, which results in any material damages to the Holder, the Company shall pay to the Holder such amounts as shall be sufficient to cover any costs and expenses including, but not limited to, reasonable attorneys' fees, including those of appellate proceedings, incurred by the Holder in collecting any amounts due pursuant hereto or in otherwise enforcing any of its rights, powers or remedies hereunder.

h) Notices. Any notice, request or other document required or permitted to be given or delivered to the Holder by the Company shall be delivered in accordance with the notice provisions of the Underwriting Agreement.

i) Limitation of Liability. No provision hereof, in the absence of any affirmative action by the Holder to exercise this Warrant to purchase Warrant Shares, and no enumeration herein of the rights or privileges of the Holder, shall give rise to any liability of the Holder for the purchase price of any Common Stock or as a stockholder of the Company, whether such liability is asserted by the Company or by creditors of the Company.

j) Remedies. The Holder, in addition to being entitled to exercise all rights granted by law, including recovery of damages, will be entitled to specific performance of its rights under this Warrant. The Company agrees that monetary damages would not be adequate compensation for any loss incurred by reason of a breach by it of the provisions of this Warrant and hereby agrees to waive and not to assert the defense in any action for specific performance that a remedy at law would be adequate.

k) Successors and Assigns. Subject to applicable securities laws, this Warrant and the rights and obligations evidenced hereby shall inure to the benefit of and be binding upon the successors and permitted assigns of the Company and the successors and permitted assigns of Holder. The provisions of this Warrant are intended to be for the benefit of any Holder from time to time of this Warrant and shall be enforceable by the Holder or holder of Warrant Shares.

l) Amendment. This Warrant may be modified or amended or the provisions hereof waived with the written consent of the Company and the Holder.

m) Severability. Wherever possible, each provision of this Warrant shall be interpreted in such manner as to be effective and valid under applicable law, but if any provision of this Warrant shall be prohibited by or invalid under applicable law, such provision shall be ineffective to the extent of such prohibition or invalidity, without invalidating the remainder of such provisions or the remaining provisions of this Warrant.

n) Headings. The headings used in this Warrant are for the convenience of reference only and shall not, for any purpose, be deemed a part of this Warrant.

(Signature Page Follows)

IN WITNESS WHEREOF, the Company has caused this Warrant to be executed by its officer thereunto duly authorized as of the date first above indicated.

XTI AEROSPACE, INC.

By: _____
Name:
Title:

NOTICE OF EXERCISE

TO: XTIAEROSPACE, INC.

(1) The undersigned hereby elects to purchase _____ Warrant Shares of the Company pursuant to the terms of the attached Warrant (only if exercised in full), and tenders herewith payment of the exercise price in full, together with all applicable transfer taxes, if any.

(2) Payment shall take the form of (check applicable box):

☐ in lawful money of the United States; or

☐ if permitted the cancellation of such number of Warrant Shares as is necessary, in accordance with the formula set forth in subsection 2(c), to exercise this Warrant with respect to the maximum number of Warrant Shares purchasable pursuant to the cashless exercise procedure set forth in subsection 2(c).

(3) Please register and issue said Warrant Shares in the name of the undersigned or in such other name as is specified below:

The Warrant Shares shall be delivered to the following DWAC Account Number or by physical delivery of a certificate to:

(4) Accredited Investor. If the Warrant is being exercised via cash exercise, the undersigned is an “accredited investor” as defined in Regulation D promulgated under the Securities Act of 1933, as amended

[SIGNATURE OF HOLDER]

Name of Investing Entity: _____

Signature of Authorized Signatory of Investing Entity: _____

Name of Authorized Signatory: _____

Title of Authorized Signatory: _____

Date: _____

ASSIGNMENT FORM

(To assign the foregoing warrant, execute
this form and supply required information.
Do not use this form to exercise the warrant.)

FOR VALUE RECEIVED, [____] all of or [____] shares of the foregoing Warrant and all rights evidenced thereby are hereby assigned to

_____ whose address is

_____.

Dated: _____, _____

Holder's Signature: _____

Holder's Address: _____

NOTE: The signature to this Assignment Form must correspond with the name as it appears on the face of the Warrant, without alteration or enlargement or any change whatsoever. Officers of corporations and those acting in a fiduciary or other representative capacity should file proper evidence of authority to assign the foregoing Warrant.



MITCHELL SILBERBERG & KNUPP LLP
A LAW PARTNERSHIP INCLUDING PROFESSIONAL CORPORATIONS

June 12, 2025

XTI Aerospace, Inc.
8123 InterPort Blvd., Suite C
Englewood, Colorado 80112

Re: XTI Aerospace, Inc. - Registration Statement on Form S-1

Ladies and Gentlemen:

We have acted as counsel to XTI Aerospace, Inc., a Nevada corporation (the "Company"), in connection with the preparation and filing of the Company's registration statement on Form S-1 (the "Registration Statement") under the Securities Act of 1933, as amended (the "Act"), filed by the Company with the Securities and Exchange Commission (the "Commission") relating to the offering by the Company of up to a maximum aggregate offering price of \$24,437,500.00 of (A) (i) shares (the "Shares") of the Company's common stock, par value \$0.001 per share (the "Common Stock"), or (ii) pre-funded warrants (the "Pre-funded Warrants") to purchase shares of Common Stock (the "Pre-funded Warrant Shares") (in each case, including Shares or Pre-Funded Warrants which may be sold pursuant to the exercise of an over-allotment option granted by the Company to the underwriters) and (B) warrants issuable to the representative of the underwriters (the "Representative's Warrants") to purchase shares of Common Stock (the "Representative's Warrant Shares"). The Shares, the Pre-funded Warrants and the Representative's Warrants will be sold by the Company pursuant to an underwriting agreement (the "Underwriting Agreement") to be entered into by and between the Company and the representative of the several underwriters to be named therein.

In connection therewith, we have examined and relied upon original, certified, conformed, photostat or other copies of (a) the Restated Articles of Incorporation, as amended, and the Bylaws, as amended, of the Company, (b) resolutions of the board of directors of the Company, (c) the Registration Statement and the exhibits thereto; (d) the form of Underwriting Agreement, (e) the form of Pre-funded Warrant, (f) the form of Representative's Warrant and (g) such corporate records of the Company, certificates of public officials, certificates of officers of the Company and other documents, agreements and instruments as we have deemed necessary as a basis for the opinions herein contained. In all such examinations, we have assumed the genuineness of all signatures on original documents, and the conformity to originals or certified documents of all copies submitted to us as conformed, photostat or other copies. In passing upon certain corporate records and documents of the Company, we have necessarily assumed the correctness and completeness of the statements made or included therein by the Company, and we express no opinion thereon.

We have further assumed the legal capacity of natural persons, and we have assumed that each party to the documents we have examined or relied on (other than the Company) has the legal capacity or authority and has satisfied all legal requirements that are applicable to that party to the extent necessary to make such documents enforceable against that party.

437 Madison Ave., 25th Floor, New York, New York 10022-7001
Phone: (212) 509-3900 Fax: (212) 509-7239 Website: www.msk.com

Based upon the foregoing, and subject to the assumptions, exceptions, qualifications and limitations set forth herein, we are of the opinion that:

1. The Shares have been duly authorized for issuance and, when issued, delivered and paid for in accordance with the terms of the Underwriting Agreement, the Shares will be validly issued, fully paid and non-assessable.
2. The Pre-funded Warrants have been duly authorized by the Company and, when delivered and paid for in accordance with the terms of the Underwriting Agreement, will be valid and binding obligations of the Company.
3. The Pre-funded Warrant Shares have been duly authorized for issuance and, when issued and delivered against payment therefor upon the exercise of the applicable Pre-funded Warrant in accordance with the terms therein, the Pre-funded Warrant Shares will be validly issued, fully paid and non-assessable.
4. The Representative's Warrants have been duly authorized by the Company and, when delivered and paid for in accordance with the terms of the Underwriting Agreement, will be valid and binding obligations of the Company.
5. The Representative's Warrant Shares have been duly authorized for issuance and, when issued and delivered against payment therefor upon the exercise of the applicable Representative's Warrant in accordance with the terms therein, the Representative's Warrant Shares will be validly issued, fully paid and non-assessable.

This opinion is being furnished in connection with the requirements of Item 601(b)(5) of Regulation S-K under the Act, and no opinion is expressed herein as to any matter pertaining to the contents of the Registration Statement, other than as expressly stated herein with respect to the issuance of the Shares, the Pre-funded Warrants, the Pre-funded Warrant Shares, the Representative's Warrants and the Representative's Warrant Shares. This opinion is opining upon and is limited to the current federal laws of the United States and the Nevada Revised Statutes, and as to the Pre-funded Warrants and the Representative's Warrants constituting valid and legally binding obligations of the Company, the laws of the State of New York, as such laws presently exist and to the facts as they presently exist. We express no opinion with respect to the effect or applicability of the laws of any other jurisdiction. We assume no obligation to revise or supplement this opinion letter should the laws of such jurisdiction be changed after the date hereof by legislative action, judicial decision, or otherwise.

We express no opinion with respect to the enforceability of any agreement or instrument or any provision thereof (i) to the extent such enforceability may be subject to, or affected by, applicable bankruptcy, insolvency, moratorium or similar state or federal laws affecting the rights and remedies of creditors generally (including, without limitation, fraudulent conveyance laws) or general principles of equity (regardless of whether enforceability is considered in a proceeding at law or in equity), (ii) providing for specific performance, injunctive relief or other equitable remedies (regardless of whether such enforceability is sought in a proceeding in equity or at law), (iii) providing for indemnification or contribution, which provisions may be limited by federal and state securities laws or policies underlying such laws, (iv) requiring any waiver of stay or extension laws, diligent performance or other acts which may be unenforceable under principles of public policy or (v) providing for a choice of law, jurisdiction or venue. We have assumed that such agreements, instruments or provisions are enforceable.

We hereby consent to the use of this opinion as an exhibit to the Registration Statement, to the use of our name as the Company's counsel and to all references made to us in the Registration Statement and in the prospectus forming a part thereof. In giving this consent, we do not admit that we are in the category of persons whose consent is required under Section 7 of the Act, or the rules and regulations promulgated thereunder. This opinion is given as of the effective date of the Registration Statement, and we are under no duty to update the opinions contained herein.

Very truly yours,

/s/ MITCHELL SILBERBERG & KNUPP LLP

INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM'S CONSENT

We consent to the incorporation by reference in this Form S-1 Registration Statement of XTI Aerospace, Inc. of our report dated April 15, 2025 relating to the financial statements appearing in the Annual Report on Form 10-K of XTI Aerospace, Inc. for the year ended December 31, 2024. We also consent to the reference to us under the heading "Experts" in such Registration Statement.

/s/ Marcum LLP

Marcum LLP
New York, NY
June 12, 2025

INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM'S CONSENT

We consent to the incorporation by reference in this Form S-1 Registration Statement of XTI Aerospace, Inc. of our report dated May 28, 2024, relating to the financial statements of XTI Aircraft Company as of December 31, 2023 and 2022 and for the years ended December 31, 2023 and 2022 appearing in Amendment No. 1 to Form 8-K/A of XTI Aerospace, Inc. filed on May 28, 2024. We also consent to the reference to our firm under the heading "Experts" in the Prospectus, which is part of this Registration Statement.

/s/ Marcum LLP

Marcum LLP
New York, NY
June 12, 2025

Calculation of Filing Fee Tables

Form S-1
(Form Type)XTI Aerospace, Inc.
(Exact Name of Registrant as Specified in its Charter)

Table 1: Newly Registered Securities

	Security Type	Security Class Title	Fee Calculation Rule	Amount Registered	Proposed Maximum Offering Price Per Unit	Maximum Aggregate Offering Price ⁽¹⁾⁽²⁾⁽³⁾	Fee Rate	Amount of Registration Fee
Fees to Be Paid	Equity	Common stock, par value \$0.001 per share ⁽⁴⁾	457(o)	-	-	\$ 23,000,000	0.00015310	\$ 3,521.30
Fees to Be Paid	Equity	Pre-funded warrants ⁽⁴⁾⁽⁵⁾	457(g)	-	-	Included above	-	-
Fees to Be Paid	Equity	Shares of common stock issuable upon exercise of pre-funded warrants ⁽⁴⁾	457(o)	-	-	Included above	-	-
Fees to Be Paid	Equity	Representative's Warrants ⁽⁵⁾	457(g)	-	-	-	-	-
Fees to Be Paid	Equity	Shares of common stock issuable upon exercise of Representative's Warrants ⁽⁶⁾	457(o)	-	-	\$ 1,437,500.00	0.00015310	\$ 220.08
Total Offering Amounts						\$ 24,437,500.00		3,741.38
Total Fees Previously Paid								—
Total Fee Offsets								—
Net Fee Due								\$ 3,741.38

- (1) Estimated solely for the purpose of calculating the registration fee pursuant Rule 457(o) under the Securities Act of 1933, as amended (the “Securities Act”).
- (2) Pursuant to Rule 416(a) under the Securities Act, this registration statement shall also cover an indeterminate number of shares that may be issued and resold resulting from stock splits, stock dividends or similar transactions.
- (3) Includes the price of additional shares of common stock and/or additional pre-funded warrants that may be issued upon exercise of the option granted to the underwriters to cover over-allotments, if any.
- (4) The proposed maximum aggregate offering price of the common stock will be reduced on a dollar-for-dollar basis based on the offering price of any pre-funded warrants issued in the offering, and the proposed maximum aggregate offering price of the pre-funded warrants to be issued in the offering will be reduced on a dollar-for-dollar basis based on the offering price of any common stock issued in the offering. Accordingly, the proposed maximum aggregate offering price of the common stock, and pre-funded warrants (including the common stock issuable upon exercise of the pre-funded warrants), if any, is \$23,000,000.
- (5) No fee pursuant to Rule 457(g) of the Securities Act.
- (6) The registrant has agreed to issue upon the closing of this offering, warrants (the “Representative’s Warrants”) to the representative of the underwriters entitling it to purchase up to 5% of the number of shares of common stock and pre-funded warrants sold in this offering. The exercise price of the Representative’s Warrants is equal to 125% of the public offering price of the securities offered hereby. As estimated solely for the purpose of calculating the registration fee pursuant to Rule 457(o) under the Securities Act, the proposed maximum aggregate offering price of the Representative’s Warrants is \$1,437,500.00, which is equal to 125% of 1,150,000.00 (5% of \$23,000,000).