PROSPECTUS SUPPLEMENT NO. 29 (to Prospectus dated July 14, 2022)

ASTRA SPACE, INC.

Primary Offering Of 15,333,303 Shares of Class A Common Stock

Secondary Offering of 189,026,575 Shares of Class A Common Stock

This prospectus supplement amends and supplements the prospectus dated July 14, 2022 (as supplemented or amended from time to time, the "Prospectus"), which forms a part of our Registration Statement on Form S-1 (No. 333-257930). This prospectus supplement is being filed to update and supplement the information in the Prospectus with the information contained in our Current Report on Form 8-K, filed with the Securities and Exchange Commission (the "SEC") on March 13, 2023 (the "Current Report"). Accordingly, we have attached the Current Report to this prospectus supplement.

The Prospectus and this prospectus supplement also relate to the offer and sale, from time to time, by the selling securityholders named in this prospectus (the "Selling Securityholders"), or any of their permitted transferees, of (i) up to an aggregate of 20,000,000 shares of our Class A common stock that were issued to certain investors (collectively, the "PIPE Investors") in a private placement in connection with the closing of the Business Combination (as defined herein); (ii) 7,500,000 shares of Class A common stock issued to the Sponsor prior to Holicity's initial public offering and registered for sale by the Selling Securityholders; (iii) up to an aggregate of 92,277,793 shares of Class A common stock that were issued to certain affiliates of Astra (collectively, the "Astra Affiliates") pursuant to the Business Combination Agreement (as defined herein); (iv) up to an aggregate 56,239,188 shares of Class A common stock issuable upon conversion (on a one-for-one basis) of shares of our Class B common stock, par value \$0.0001 per share ("Class B Common Stock") held by certain Selling Securityholders and (v) up to an aggregate of 7,676,261 shares of our Class A common stock issued in connection with our acquisition of Apollo Fusion, Inc. ("Apollo Fusion"), which closed on July 1, 2021 comprised of (x) 2,558,744 shares of our Class A common stock (the "Initial Apollo Shares") issued to certain of the Selling Securityholders on July 1, 2021, in connection with our merger with Apollo Fusion, Inc. ("Apollo Fusion") and (y) 5,117,517 additional shares of our Class A common stock (the "Additional Apollo Shares") which may be issued to certain of the Selling Securityholders assuming (a) the achievement of all remaining performance milestones set forth in the Apollo Fusion Merger Agreement (as defined herein), (b) we elect to pay all future milestone consideration in shares of our Class A common stock as required by the terms the Apollo Fusion Merger Agreement, and (c) the per share price used to calculate the number of shares of our Class A common stock to be issued is \$11.7243, which is the same per share price used to calculate the number of Initial Shares issued to the Selling Securityholders. The Additional Shares have not been earned and are not currently outstanding. The actual number of Additional Shares issued to the selling stockholders could be materially greater or less than 5,117,517 shares of Class A common stock depending whether and to what extent the future performance milestones are met and/or the actual average closing price of our Class A common stock at the time such milestones are achieved. The Prospectus and this prospectus supplement also cover any additional securities that may become issuable by reason of share splits, share dividends or other similar transactions.

Our Class A common stock is listed on Nasdaq under the symbol "ASTR". On March 10, 2023, the closing price of our Class A common stock was \$0.4307 per share.

This prospectus supplement updates and supplements the information in the Prospectus and is not complete without, and may not be delivered or utilized except in combination with, the Prospectus, including any amendments or supplements thereto. This prospectus supplement should be read in conjunction with the Prospectus and if there is any inconsistency between the information in the Prospectus and this prospectus supplement, you should rely on the information in this prospectus supplement.

Investing in our securities involves risks that are described in the "*Risk Factors*" section beginning on page 13 of the Prospectus.

Neither the SEC nor any state securities commission has approved or disapproved of the securities to be issued under the Prospectus or determined if the Prospectus or this prospectus supplement is truthful or complete. Any representation to the contrary is a criminal offense.

The date of this prospectus supplement is March 13, 2023.

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, D.C. 20549

FORM 8-K

CURRENT REPORT

Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934

Date of Report (Date of earliest event reported): March 10, 2023

Astra Space, Inc.

(Exact name of Registrant as Specified in Its Charter)

Delaware (State or Other Jurisdiction of Incorporation)

> 1900 Skyhawk Street Alameda, California

(Address of Principal Executive Offices)

001-39426 (Commission File Number)

85-1270303 (IRS Employer Identification No.)

94501 (Zip Code)

Registrant's Telephone Number, Including Area Code: (866) 278-7217

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)

Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)

Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))

Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c)) П

Securities registered pursuant to Section 12(b) of the Act:

Title of each class	Trading Symbol(s)	Name of each exchange on which registered
Class A common stock, par value \$0.0001 per	ASTR	NASDAQ Global Select Market
share		

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§ 230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§ 240.12b-2 of this chapter).

Emerging growth company \Box

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 13(a) of the Exchange Act.

Item 8.01 Other Events.

Silicon Valley Bank Receivership

On March 10, 2023, Astra Space, Inc. (the "Company") learned that Silicon Valley Bank, Santa Clara, California, ("SVB") was closed by the California Department of Financial Protection and Innovation, which appointed the Federal Deposit Insurance Corporation ("FDIC") as receiver.

On March 12, 2023, the Secretary of the Treasury, the chair of the Federal Reserve Board and the chairman of the FDIC released a joint statement related to the FDIC's resolution of the SVB receivership (the "Statement"). The Statement provides that "[d]epositors will have access to all of their money starting Monday, March 13." A copy of the Statement is available at https://home.treasury.gov/news/press-releases/jy1337.

As of March 10, 2023, the Company's cash is held on deposit with SVB. The cash represents approximately 15% of the Company's current cash, cash equivalents and marketable securities, which the Statement said the Company will have access to starting on Monday, March 13, 2023. The Company's cash equivalents and marketable securities are held in securities accounts with an affiliate of SVB. In addition, SVB has issued letters of credit on behalf of the Company related to security deposits of the Company for the lease of its Skyhawk and Sunnyvale facilities. At the time this Current Report was issued, the Company does not know if and to what extent the closure of SVB will affect the Company's ability to access its cash, and to access and sell its cash equivalents and marketable securities or impact the letters of credit securing the Company's security deposit obligations to its primary landlords. The Company is working expeditiously to open deposit accounts with new banking partners to diversify its banking relationships.

Risk Factors

This Current Report on Form 8-K (this "Current Report") supplements the risk factors set forth in Part I, Item 1A. of the Company's Annual Report on Form 10-K for the year ended December 31, 2021, its Quarterly Report on Form 10-Q for the period ended June 30, 2022, and its Quarterly Report on Form 10-Q for the period ended September 30, 2022, each as filed with the Securities and Exchange Commission (the "SEC"), with the following risk factor, which updates, and should be read in conjunction with, the risk factors set forth therein.

Specifically, as disclosed in the Company's Quarterly Report on Form 10-Q for the period ended September 30, 2022, conditions existed that raised substantial doubt about the Company's ability to continue as a going concern for a period of at least one year from November 9, 2022, the date of issuance of that Quarterly Report. As a result of those conditions, which continue to exist as of the date of this Current Report, and the availability of the Company's cash equivalents and marketable securities held with an affiliate of SVB and ease in which they can be sold and access to additional capital, there continues to be substantial doubt that the Company will have sufficient liquidity to fund its business operations in the next twelve months. Please see the risk factor below for more information about the risks and uncertainties related to the Company's business as a result of the SVB closure.

Failure to timely access the Company's cash on deposit with SVB and ability to access its cash equivalents and marketable securities may result in a material adverse effect on the Company, including the scaling back of the Company's operations and production plans.

On March 10, 2023, the Company became aware that SVB was closed by the California Department of Financial Protection and Innovation, which appointed the FDIC as receiver. As of March 10, 2023, the Company's cash is held on deposit with SVB. The cash represents approximately 15% of the Company's current cash, cash equivalents and marketable securities. The Company's cash equivalents and marketable securities are held in securities accounts with an affiliate of SVB. While the Company expects to have access to the cash on deposit with SVB on March 13, 2023 based on a joint statement issued by the Department of Treasury, Federal Reserve Board and FDIC, and such funds are sufficient to meet the Company's near term payment obligations, there remains some uncertainty as to if and how the closure of SVB and the receivership will affect the Company's ability to access its cash, and to access and sell its cash equivalents and marketable securities. If the Company is unable to access its capital in the short term, there will be material adverse impacts on its business operations as the Company will be unable to fund working capital, its payment obligations or other cash requirements. In this event, if it is unable to quickly access additional capital, the Company may be required to scale back its business operations to manage its cash flow needs. Any reduction in the Company's business operations is likely to affect the Company's ability to meet its production deadlines for the Astra Spacecraft Engine[™] and the launch targets for Rocket 4, and such delays could expose the Company to late fees, interest, penalties, fines or termination rights to its customers, suppliers, regulators and employees. SVB has also issued letters of credit related to security deposits for the Company's Skyhawk and Sunnyvale facilities, suppliers, regulators and manufacturing facility, which could result in events of default under the Company's lease agreements if the landlords require the Company to replace the letters of credit and the Company is unable to timely do so. As a result of the uncertainty related to the closure of SVB and the timing of the Company's access to its cash equivalents and marketable securities, the Company's business operations may be materially affected.

Forward-Looking Statements

This Current Report includes "forward-looking statements" within the meaning of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended. All statements, other than statements of present or historical fact included in this Current Report, are forward-looking statements. In some cases, you can identify forward-looking statements by terminology such as "may," "should," "could," "would," "expect," "plan," "anticipate," "intend," "believe," "estimate," "continue," "project" or the negative of such terms and other similar expressions that predict or indicate future events or trends or that are not statements of present or historical matters. These statements are based on various assumptions, whether or not identified herein, and on the current expectations of the Company and are not predictions of actual outcomes. Actual events and circumstances are impossible to predict and are beyond the control of the Company. With respect to the matters addressed in this Current Report, no assurances can be made regarding the Company's ability to access its cash, cash equivalents and marketable securities held at SVB. If the Company is delayed or unsuccessful in accessing its funds held at SVB, it could have a material adverse effect on the Company.

The Company cautions you that these forward-looking statements are subject to numerous risks and uncertainties, most of which are difficult to predict and many of which are beyond the control of the Company. Additional risks and uncertainties that could affect the Company and its financial results are included under the captions "Risk Factors" and "Management's Discussion and Analysis of Financial Condition and Results of Operations" in the Company's Quarterly Report on Form 10-Q filed with the SEC on November 9, 2022, which is available on the Company's website at https://investor.astra.com/financial-and-filings/sec-filings and on the SEC's website at www.sec.gov. Additional information will also be set forth in other filings that the Company makes with the SEC from time to time. All forward-looking statements in this Current Report are based on information available to the Company as of the date hereof, and the Company assumes no obligation to update the forward-looking statements provided to reflect events that occur or circumstances that exist after the date on which they were made, except as required by applicable law.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned thereunto duly authorized.

Date: March 13, 2023

Astra Space, Inc.

By: /s/ Axel Martinez

Name: Axel Martinez Title: Chief Financial Officer