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/A, filed with the Securities and Exchange Commission (the "SEC") on March 13, 2023 (the "Current Report"), which amended our Current Report on Form 8-K, filed with the SEC on March 13, 2023. 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/A

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)

001-39426

(Commission File Number)

Delaware (State or Other Jurisdiction of Incorporation) 85-1270303

(IRS Employer Identification No.)

1900 Skyhawk Street Alameda, California (Address of Principal Executive Offices)		94501 (Zip Code)
Registrant's Teleph	none Number, Including Area Code:	(866) 278-7217
Check the appropriate box below if the Form 8-K filing is in following provisions:	ntended to simultaneously satisfy the fi	iling obligation of the registrant under any of the
☐ Written communications pursuant to Rule 425 under t	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	e 13e-4(c) under the Exchange Act (17	CFR 240.13e-4(c))
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 share	ASTR	NASDAQ Global Select Market
ndicate by check mark whether the registrant is an emergin chapter) or Rule 12b-2 of the Securities Exchange Act of 19 Emerging growth company f an emerging growth company, indicate by check mark if the company or revised financial accounting standards provided pure	934 (§ 240.12b-2 of this chapter). the registrant has elected not to use the	extended transition period for complying with any

Explanatory Note

This report amends the Current Report on Form 8-K of Astra Space, Inc. (the "Company"), dated March 10, 2023 and filed with the Securities and Exchange Commission on March 13, 2023 (the "Original 8-K"), solely to clarify that, as of March 13, 2023, the Company has access to all of its cash held on deposit with Silicon Valley Bank, Santa Clara, California, ("SVB"). This report does not otherwise amend, modify or update any of the disclosures contained in the Original 8-K.

Item 8.01 Other Events.

Consistent with the joint statement released on March 12, 2023 by the Secretary of the Treasury, the chair of the Federal Reserve Board and the chairman of the Federal Deposit Insurance Corporation, the Company has confirmed that it has access, as of March 13, 2023, to all of its cash held on deposit with SVB, which represents approximately 15% of the Company's current cash, cash equivalents and marketable securities.

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