PROSPECTUS SUPPLEMENT NO. 31 (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/A, filed with the Securities and Exchange Commission (the "SEC") on March 16, 2023 (the "Current Report"), which amended our Current Report on Form 8-K, filed with the SEC on March 3, 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 14, 2023, the closing price of our Class A common stock was \$0.452 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 16, 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 2, 2023

Astra Space, Inc.

(Exact name of Registrant as Specified in Its Charter)

Delaware (State or Other Jurisdiction of Incorporation) 001-39426 (Commission File Number) 85-1270303 (IRS Employer Identification No.)

1900 Skyhawk Street Alameda, California (Address of Principal Executive Offices)

94501 (Zip Code)

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

	ck the appropriate box below if the Form 8-K filing is interwing provisions:	nded to simultaneously satisfy the f	iling obligation of the registrant under any of the
	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))		
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
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 \square			
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.			

Explanatory Note

This report amends the Current Report on Form 8-K of Astra Space, Inc. (the "Company"), dated March 2, 2023 and filed with the Securities and Exchange Commission on March 3, 2023 (the "Original 8-K"), solely to clarify that, as of March 14, 2023, the Delaware Court of Chancery (the "Court of Chancery") has approved the Company's request for relief and entered an order (the "Order") in response to a petition (the "Petition") filed on March 1, 2023 by the Company pursuant to Section 205 of the Delaware General Corporation Law (the "DGCL"), requesting that the Court of Chancery issue an order validating and declaring effective (1) the provisions of the Second Amended and Restated Certificate of Incorporation (the "Certificate") of the Company that set forth the number of authorized shares of the Company and (2) the shares of the Company's common stock issued in reliance on such provisions of the Certificate. This report does not otherwise amend, modify or update any of the disclosures contained in the Original 8-K.

Item 8.01 Other Events.

As previously disclosed, the Company filed the Petition in the Court of Chancery. On March 14, 2023, the Court of Chancery approved the Company's request for relief and entered the Order (1) declaring the Certificate, including the filing and effectiveness thereof, as validated and effective as of the date of its filing with the Office of the Secretary of State of the State of Delaware on June 30, 2021, and (2) ordering that the Company's securities (and the issuance of the securities) described in the Petition and any other securities issued in reliance on the validity of the Certificate are validated and declared effective, each as of the original dates of issuance.

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 16, 2023 Astra Space, Inc.

By: /s/ Axel Martinez

Name: Axel Martinez

Title: Chief Financial Officer