PROSPECTUS SUPPLEMENT NO. 15 (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 on October 18, 2022 (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 October 17, 2022, the closing price of our Class A common stock was \$0.569 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 October 18, 2022.

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): October 18, 2022

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)		lifornia	94501 (Zip Code)
	Registrant's To	elephone Number, Including Area Code: (866) 278-7217
	ck the appropriate box below if the Form 8-K filing owing provisions:	g is intended to simultaneously satisfy the fil	ling 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))		
	Securitie	es registered pursuant to Section 12(b) of	the Act:
	Title of each class	Trading Symbol(s)	Name of each exchange on which registered
C	lass A common stock, par value \$0.0001 per share	ASTR	NASDAQ Global Select Market
	cate by check mark whether the registrant is an em oter) or Rule 12b-2 of the Securities Exchange Act		405 of the Securities Act of 1933 (§ 230.405 of this
Eme	erging growth company		

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. \Box

Item 8.01 Other Events.

On October 18, 2022, Astra Space, Inc. ("Astra") posted a blog on its website www.astra.com celebrating cumulative committed orders for over 200 Astra Spacecraft Engines™ since Astra acquired Apollo Fusion, Inc. by merger on July 1, 2021 (including 14 units of Astra Spacecraft Engines™ in Apollo Fusion's backlog on July 1, 2021). The blog post also highlights the completion of delivery for two programs related to Astra Spacecraft Engines™. A copy of Astra's blog post is attached hereto as Exhibit 99.1.

Item 9.01 Financial Statements and Exhibits.

(d) Exhibits

Exhibit No. Description

99.1 Blog Post issued by Astra Space, Inc. on October 18, 2022

104 Cover Page Interactive Data File (embedded with the Inline XBRL document)

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: October 18, 2022 Astra Space, Inc.

By: /s/ Chris Kemp

Name: Chris Kemp

Title: Chief Executive Officer



Celebrating committed orders for over 200 Astra Spacecraft Engines!

Astra also completes second full program delivery

Astra celebrates cumulative committed orders for more than 200 engines¹ and two full programs of Astra Spacecraft Engines™ already delivered.

"I'm thrilled that Astra has achieved both milestones: over 200 engines ordered and delivery of two full programs," said Chris Kemp, Founder, Chairman, and CEO of Astra, "Thank you to our customers for their confidence in our team and products, and congratulations to the team for the tremendous amount of work put in to achieve this milestone."

Astra is preparing for a move-in this quarter into our new 60,000 square foot production facility in Sunnyvale, California, where the team is expected to ramp production early next year to meet planned customer deliveries.

"We have more than doubled our backlog since June 30th of this year in Astra Spacecraft Engines™ where we continue to see sustained demand," said Margo de Naray, VP of Mission Management and Customer Operations, "Reliable, on-time deliveries and exceptional customer focus are key to this positive momentum."

Number of cumulative committed orders is measured from July 1, 2021, when Astra acquired Apollo Fusion, Inc. by merger, and includes 14 units in Apollo Fusion's backlog on July 1, 2021

Safe Harbor Statement

Certain statements made in this press release are "forward-looking statements". Forward-looking statements may be identified by the use of words such as "anticipate", "believe", "expect", "estimate", "plan", "outlook", and "project" and other similar expressions that predict or indicate future events or trends or that are not statements of historical matters. These forward-looking statements reflect the current analysis of existing information and are subject to various risks and uncertainties. As a result, caution must be exercised in relying on forward-looking statements. The following factors, among others, could cause actual results to differ materially from those described in these forward-looking statements: (i) our failure to meet projected development and delivery targets, including as a result of the decisions of governmental authorities or other third parties not within our control or delays associated with our move-in to our new production facility; (ii) changes in applicable laws or regulations; (iii) the ability of the Astra to meet its financial and strategic goals, due to, among other things, competition; (iv) the ability of Astra to pursue a growth strategy and manage growth profitability; (v) the possibility that Astra may be adversely affected by other economic, business, and/or competitive factors; (vi) the effect of the COVID-19 pandemic on Astra and (vii) other risks and uncertainties described discussed from time to time in other reports and other public filings with the Securities and Exchange Commission, including our registration statements and quarterly reports.