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 August 12, 2021 (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 April 12, 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 April 11, 2022, the closing price of our Class A common stock was \$3.67 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 15 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 April 12, 2022.

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, D.C. 20549

CURRENT REPORT

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

Date of Report (Date of earliest event reported): April 12, 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)

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

85-1270303 (IRS Employer Identification No.)

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

94501 (Zip Code)

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	ck the appropriate box below if the Form 8-K filing is into owing provisions:	ended to simultaneously satisfy the	filing 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 regis	stered pursuant to Section 12(b) o	f 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	
	cate by check mark whether the registrant is an emerging oter) or Rule 12b-2 of the Securities Exchange Act of 193-		405 of the Securities Act of 1933 (§ 230.405 of this	
Eme	erging growth company			
	n emerging growth company, indicate by check mark if the or revised financial accounting standards provided pursu	_	1 110	

Item 8.01 Other Events.

On April 12, 2022, Astra Space, Inc. ("Astra") issued a press release announcing that Astra and LeoStella LLC ("LeoStella") entered into a contract for Astra to provide multiple Astra Spacecraft Engines for LeoStella satellites. A copy of our press release is included in this current report on Form 8-K as Exhibit 99.1.

Item 9.01 Financial Statements and Exhibits.

(d) Exhibits

Exhibit No.	Description
99.1	Press release issued by Astra Space, Inc. on April 12, 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: April 12, 2022 Astra Space, Inc.

By: /s/ Kelyn Brannon

Name: Kelyn Brannon
Title: Chief Financial Officer

Astra Announces Electric Propulsion System Contract with LeoStella

ALAMEDA, CA – April 12, 2022. Astra Space, Inc. ("Astra") (Nasdaq: ASTR) and LeoStella LLC ("LeoStella") today announced a contract for Astra to provide multiple Astra Spacecraft Engines for LeoStella satellites. Astra is expected to begin delivering the propulsion systems later this year and into 2023.

LeoStella designs and manufactures operational satellites cost effectively and at scale. Astra's Spacecraft Engine has demonstrated that it can assist satellites in achieving and maintaining target orbits and maneuverability and is expected to be integrated onto a variety of LeoStella's satellites.

"As demand for small satellites continues to grow, we are always looking for innovative options to provide highly efficient, reliable propulsion for our satellites," said Tod Byquist, Director of Programs and Supply Chain at LeoStella. "Astra's Spacecraft Engine has good flight heritage and the performance we need to get our satellites to space on schedule."

"LeoStella is a pioneering force in constructing critical space infrastructure through a variety of satellite designs," said Mike Cassidy, VP of Product Management at Astra. "Their vision to deploy reliable, cost-effective satellites aligns closely with Astra's and demonstrates the innovative forces at work to expand and accelerate access to space."

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About Astra

Astra's mission is to improve life on Earth from space by creating a healthier and more connected planet. Today, Astra offers one of the lowest cost-per-launch dedicated orbital launch services of any operational launch provider in the world. Astra delivered its first commercial payload into earth orbit in 2021, making it the fastest company in history to reach this milestone, just five years after it was founded in 2016. Astra (NASDAQ: ASTR) was the first space launch company to be publicly traded on Nasdaq. Visit astra.com to learn more about Astra.

About LeoStella

LeoStella is a state-of-the-art satellite design and manufacturing company transforming constellation construction by building small satellites cost-effectively and at scale. Based in Tukwila, Wash., LeoStella is a joint venture between Thales Alenia Space and BlackSky. The company was founded to meet the growing demand for efficient satellite development and manufacturing arising from the increasing number of constellations. For more information, visit https://www.leostella.com/.

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; (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.

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