

**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): September 28, 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)

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))

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

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.

On September 28, 2022, Astra Space, Inc. (“Astra” or “we”) published a blog post related to the status of its investigation into the LV0010 early shutdown of the upper stage, noting that we have narrowed the root cause to an issue with the upper stage engine. The blog post is available on the Company’s website at www.astra.com. A copy of the blog post is included in this current report on Form 8-K as Exhibit 99.1.

Item 9.01 Financial Statements and Exhibits.

(d) Exhibits

<u>Exhibit No.</u>	<u>Description</u>
99.1	Blog post dated September 28, 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: September 28, 2022

Astra Space, Inc.

By: /s/ Kelyn Brannon

Name: Kelyn Brannon

Title: Chief Financial Officer

LV0010 Launch Investigation Update

The team has made significant progress in the investigation into the LV0010 early shutdown of the upper stage. Our investigation process consists of four core steps:

1. Flight Data Review
2. Timeline Reconstruction
3. Fault Tree Analyses
4. Implementing Corrective and Preventative Actions

We have completed steps #1 and #2, and are nearing completion of step #3. We've determined that the upper stage shut down early due to a higher-than-normal fuel consumption rate. Through the review of flight data, reconstruction of flight timelines, and the construction of an extensive fault tree, we have narrowed the root cause to an issue with the upper stage engine. We have also completed many rounds of ground testing, including multiple tests that yielded results consistent with the failure condition in flight.

The team is conducting additional experiments to verify the root cause before wrapping up the investigation with the FAA. We are focused on conducting an exhaustive investigation and ensuring that we extract all lessons learned.

Once the investigation is finished, we look forward to sharing our lessons learned in a future blog post.