

**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): April 25, 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

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 Capital 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 April 25, 2023, we held our second annual Astra SpaceTech Day at our headquarters and through livestream. The video of the livestream is available on our Twitter account (@astra), our LinkedIn account (linkedin/company/astraspace) and our website at www.astra.com. The PowerPoint slides that were presented in conjunction with Astra SpaceTech Day are included here as Exhibit 99.1.

This exhibit shall not be deemed filed for purposes of the Securities Exchange Act of 1934, as amended (the “Exchange Act”) or incorporated by reference in any filing under the Securities Act of 1933, as amended, or Exchange Act, except as shall be expressly set forth by specific reference in such a filing.

Item 9.01 Financial Statements and Exhibits.

(d) Exhibits

<u>Exhibit No.</u>	<u>Description</u>
99.1	Astra SpaceTech Day PowerPoint slides issued on April 25, 2023
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 26, 2023

Astra Space, Inc.

By: /s/ Axel Martinez

Name: Axel Martinez

Title: Chief Financial Officer



MILESTONES
2022 - PRESENT



Welcome to

Spacetech Day 2023



MARGO DE NARAY

Vice President & General Manager
Space Products and Services – Astra Spacecraft Engine™



DISCLAIMER AND FORWARD-LOOKING STATEMENTS

Certain statements made in this presentation 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. Due to known and unknown risks, actual results may differ materially from Astra's expectations or projections, including the following factors, among others: (i) the failure to meet projected development and launch targets, including as a result of the decisions of governmental authorities or other third parties not within our control, weather and other suboptimal conditions that may it difficult to perform a launch attempt; (ii) changes in applicable laws or regulations; (iii) the ability of 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, (vii) the ability to manage its cash outflows during its business operations and (viii) other risks and uncertainties described herein, as well as those risks and uncertainties discussed from time to time in other reports and other public filings with the Securities and Exchange Commission by Astra.

This Presentation contains statistical data, estimates and forecasts that have been provided by Astra and/or are based on independent industry publications or other publicly available information, as well as other information based on Astra's internal sources. This information involves many assumptions and limitations, and you are cautioned not to give undue weight to these estimates. We have not independently verified the accuracy or completeness of the data that has been provided by Astra and/or contained in these industry publications and other publicly available information.

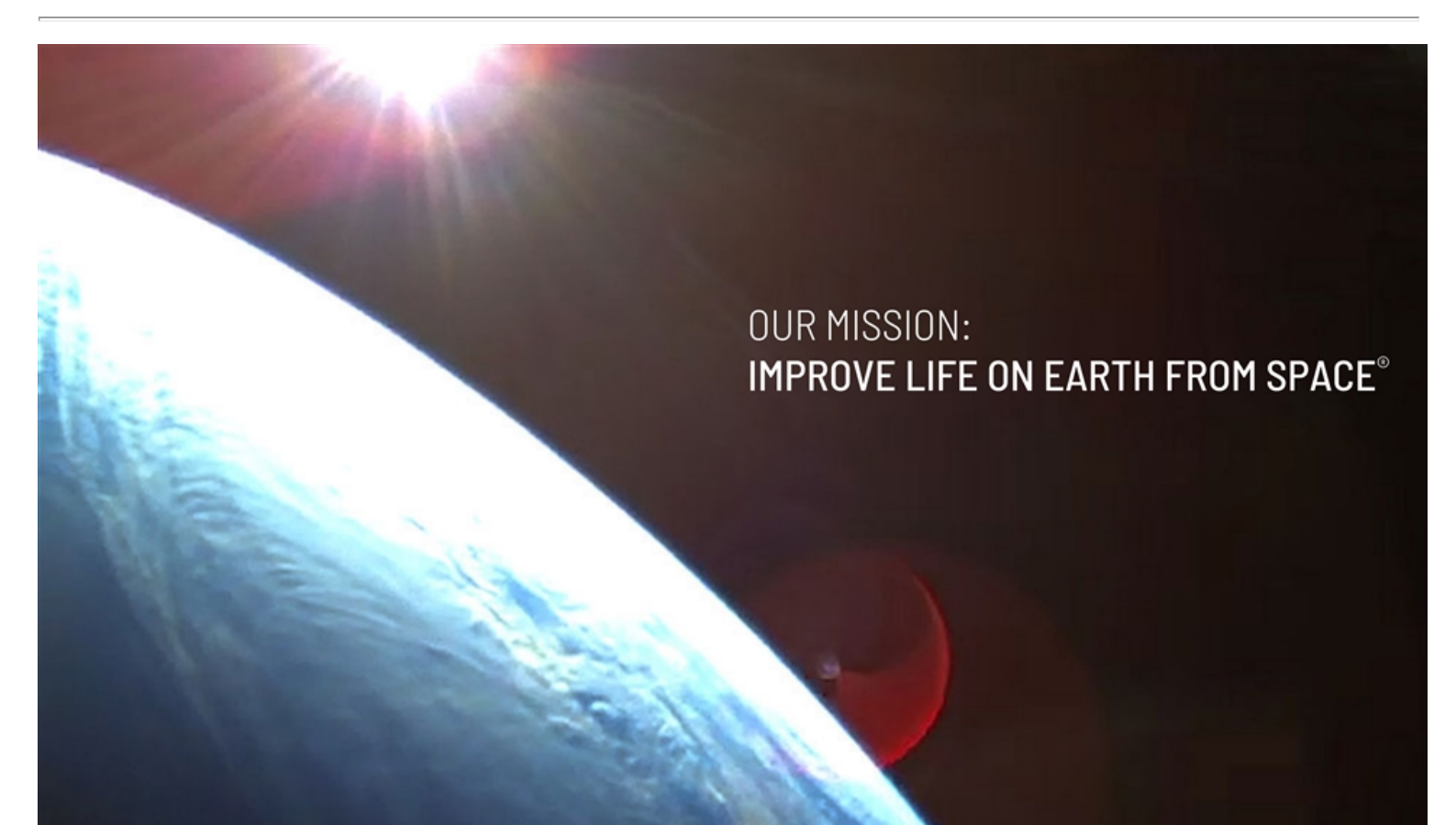
Accordingly, none of Astra nor its respective affiliates and advisors makes any representations as to the accuracy or completeness of these data. Certain amounts related to the transaction described herein have been expressed in U.S. dollars for convenience and, when expressed in U.S. dollars in the future, such amounts may be different from those set forth herein.

Non-GAAP Financial Measures. This Presentation includes non-GAAP financial measures. Astra believes that these non-GAAP measures of financial results provide useful information to management and investors regarding certain financial and business trends relating to Astra's financial condition and results of operations. Astra's management uses certain of these non-GAAP measures to compare Astra's performance to that of prior periods for trend analyses and for budgeting and planning purposes.

All rights to the trademarks, copyrights, logos and other intellectual property listed herein belong to their respective owners and Astra's use thereof does not imply an affiliation with, or endorsement by the owners of such trademarks, copyrights, logos and other intellectual property. Solely for convenience, trademarks and trade names referred to in this Presentation may appear with the ® or ™ symbols, but such references are not intended to indicate, in any way, that such names and logos are trademarks or registered trademarks of Astra.

CHRIS KEMP

Founder, Chairman, and CEO

A composite image of space. The top left shows a bright sun with lens flare. The left side shows the blue and white horizon of Earth. The right side shows a dark red planet, likely Mars, against the blackness of space.

OUR MISSION:
IMPROVE LIFE ON EARTH FROM SPACE®





UNITED STATES
SPACE FORCE

SPACE FORCE AWARDS ASTRA NEW LAUNCH ORDER FOR ROCKET 4

APRIL 21, 2023

Task order valued at \$11.45 million for a launch of an ESPA-class space vehicle and additional cubesats through the Orbital Services Program (OSP-4) contract

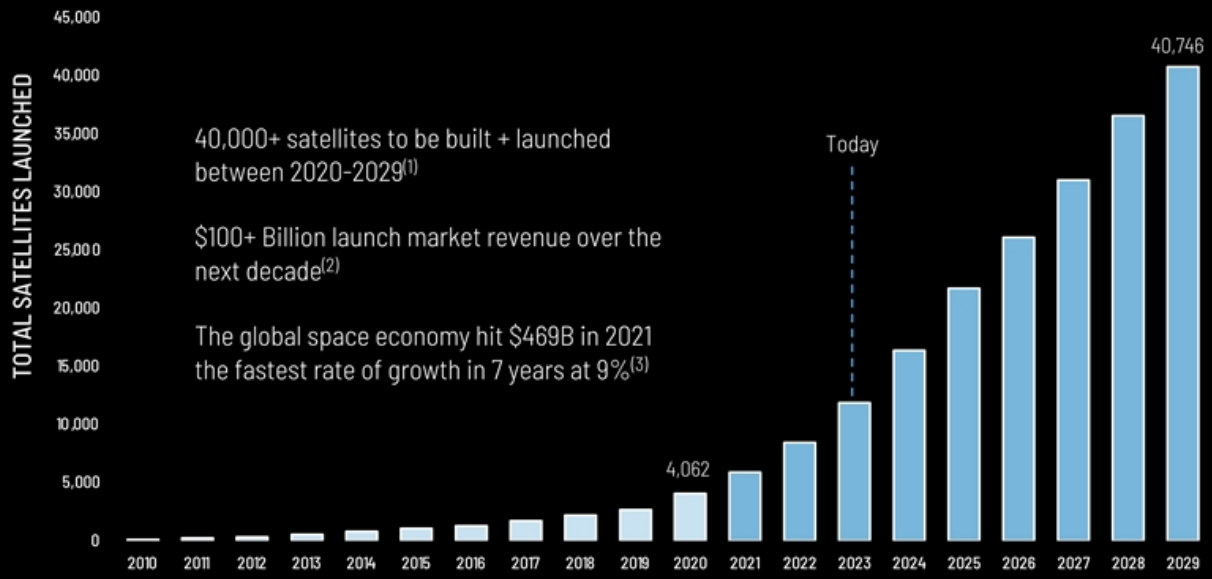
ALAMEDA, Calif. - April 21, 2023 - Astra Space, Inc. ("Astra" [Nasdaq: ASTR]) announced today that it has been awarded a launch task order for Rocket 4 through the United States Space Force's Orbital Services Program (OSP-4) contract.

"The Space Force deliberately structured the OSP-4 contract to leverage emerging launch solutions for mission partners like the DoD Space Test Program," said Lt. Col. Justin Beltz, chief of Space Systems Command's Small Launch and Targets Division. "Today's award reflects the tremendous promise industry is bringing to the table with systems like Rocket 4. We look forward to working with Astra to make this launch a success."

The STP-S29B mission is a Category 2 Mission Assurance launch, which will entail substantial efforts from Astra in tandem with the Government team and its independent mission assurance contractors to support a mission designed for success.

"STP-S29B demands a higher level of mission assurance than previous Astra launches and therefore represents a significant increase in Astra's coordination with the Space Force to perform a launch designed for mission success," said Dr. Thomas Williams, senior director of Federal Sales at Astra. "Astra's ability to compete for this mission was based on the tremendous work that our

ACCESS TO SPACE REMAINS A CHALLENGE TO MEET GROWING DEMAND



Source: Wall Street Research, Space Capital.
(1) Based on Euroconsult and Astra Management estimates.
(2) Factors in Euroconsult and Management estimates for satellite launches.
(3) Source: Space Foundation database / SpaceFoundation.org

GLOBAL BROADBAND CONNECTIVITY

Global demand for broadband connectivity in unserved and underserved communities



INTERNET OF THINGS

IoT connected devices help in many use cases (autonomous cars, fleet management etc.)



WEATHER & CLIMATE MONITORING

Over half of essential climate variables can only be measured from space



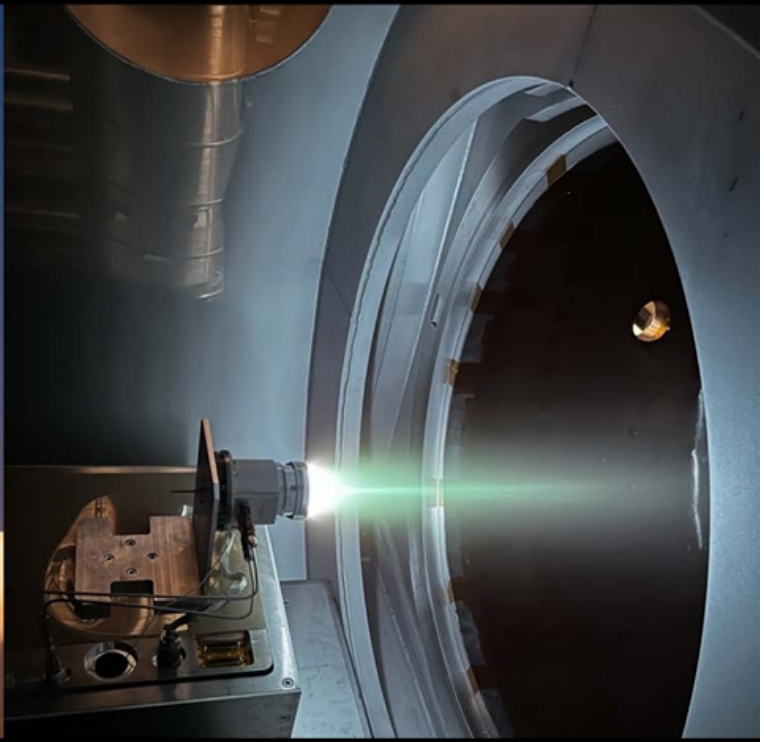
ENVIRONMENTAL CONSERVATION

Satellite data helps identify illegal logging, illegal fishing and illegal wildlife trade that account for more than \$73B per year





LAUNCH SERVICES



SPACE PRODUCTS

RELIABILITY & SCALE

ROCKET 4



FACTORY



ROCKET
PRODUCTION LINE

LAUNCH SYSTEM

ROCKET 4



FACTORY



ROCKET
PRODUCTION LINE



MACHINE SHOP

LAUNCH SYSTEM

ROCKET 4



FACTORY



ROCKET
PRODUCTION LINE



MACHINE SHOP



QUALITY CONTROL LAB

LAUNCH SYSTEM

ROCKET 4



FACTORY



ROCKET
PRODUCTION LINE



MACHINE SHOP



QUALITY CONTROL LAB



TEST STANDS

LAUNCH SYSTEM

ROCKET 4



FACTORY



ROCKET
PRODUCTION LINE



MACHINE SHOP



QUALITY CONTROL LAB



TEST STANDS

LAUNCH SYSTEM



ROCKET 4

LAUNCHER

★ ASTRA

★ ASTRA

FACTORY



ROCKET
PRODUCTION LINE



MACHINE SHOP



QUALITY CONTROL LAB



TEST STANDS

LAUNCH SYSTEM



SOFTWARE



MISSION CONTROL

FACTORY



ROCKET
PRODUCTION LINE



MACHINE SHOP



QUALITY CONTROL LAB



TEST STANDS

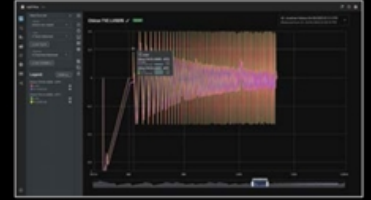
LAUNCH SYSTEM



SOFTWARE



MISSION CONTROL



DATA PLATFORM

FACTORY



ROCKET
PRODUCTION LINE



MACHINE SHOP



QUALITY CONTROL LAB



TEST STANDS

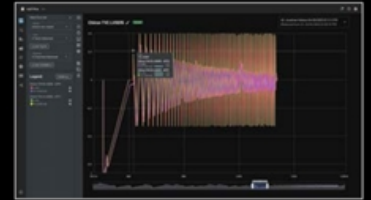
LAUNCH SYSTEM



SOFTWARE



MISSION CONTROL



DATA PLATFORM



LAUNCH SYSTEM SIMULATOR



FACTORY



ROCKET
PRODUCTION LINE



MACHINE SHOP



QUALITY CONTROL LAB



TEST STANDS

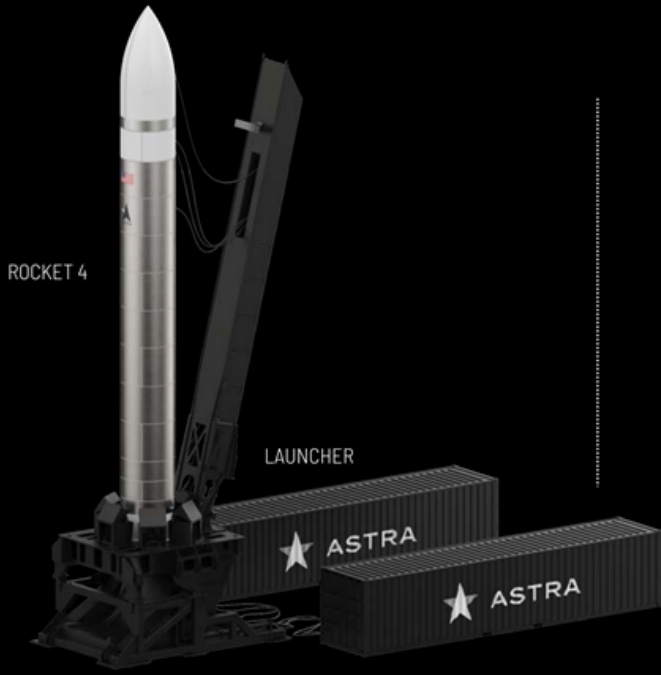
DESIGNED TO PRODUCE 1 ROCKET PER DAY

100% OF CRITICAL COMPONENTS PASS
THROUGH OUR QUALITY CONTROL LAB

NEXT DAY PART PRODUCTION

ABILITY TO TEST NEARLY EVERYTHING ON SITE

LAUNCH SYSTEM



MOBILE

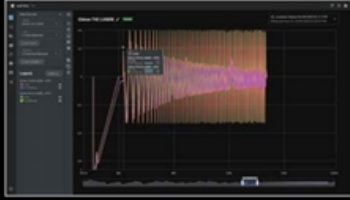
SMALL TEAM OPERATION

1-DAY TURNAROUND CAPABILITY

SOFTWARE



MISSION CONTROL

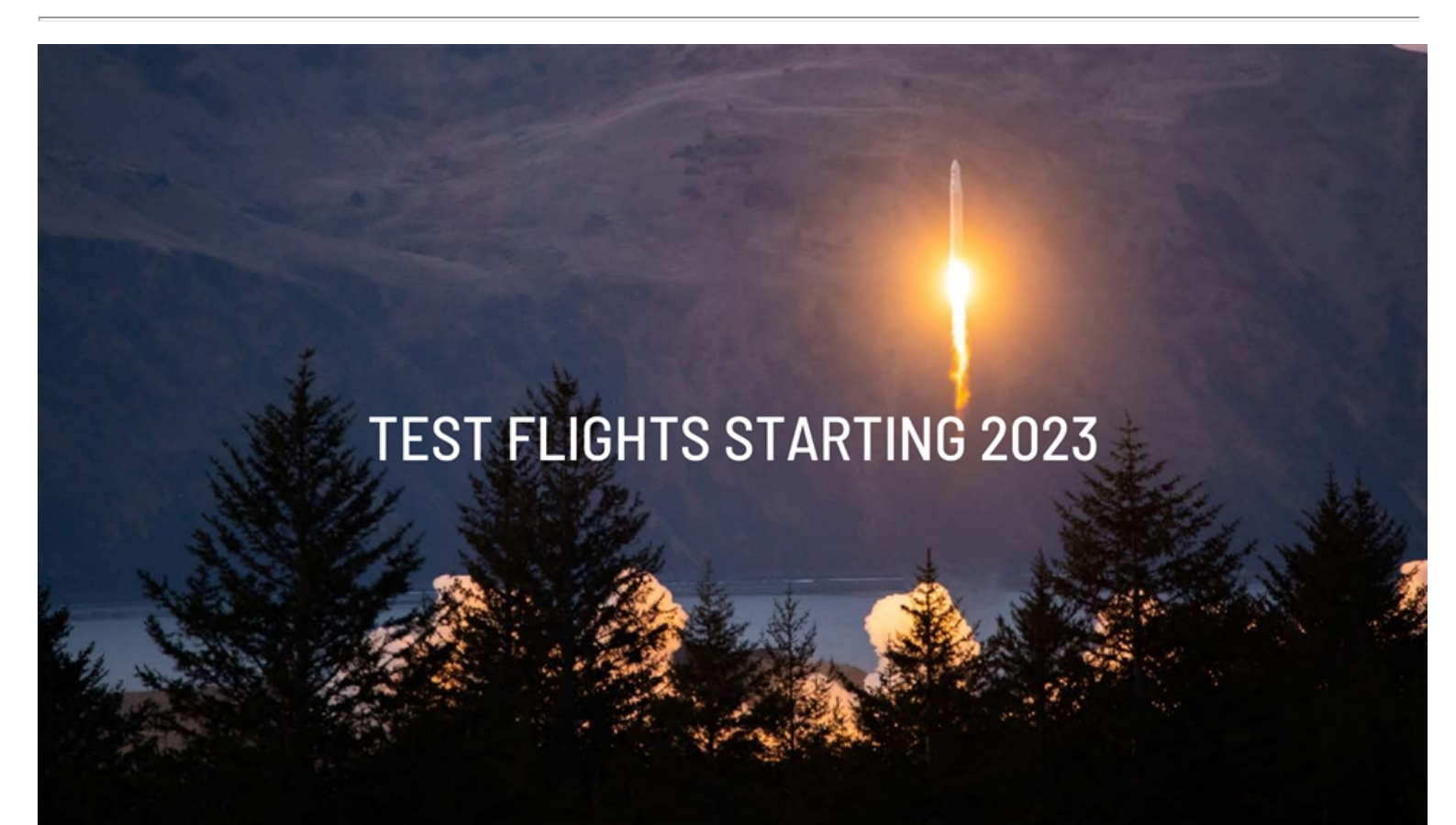


DATA PLATFORM



LAUNCH SYSTEM SIMULATOR

TWO PERSON MISSION CONTROL
DESIGNED FOR 24-HOUR CONOPS
SIMULATES FULL LAUNCH SYSTEM

A photograph of a rocket launch at dusk. The rocket is a slender, white object ascending vertically, leaving a bright, glowing trail of orange and yellow light behind it. The background consists of dark, silhouetted mountains under a twilight sky. In the foreground, the dark silhouettes of evergreen trees are visible against the lower part of the launch scene. The overall mood is dramatic and anticipatory.

TEST FLIGHTS STARTING 2023

DR. ADAM LONDON

Founder and CTO

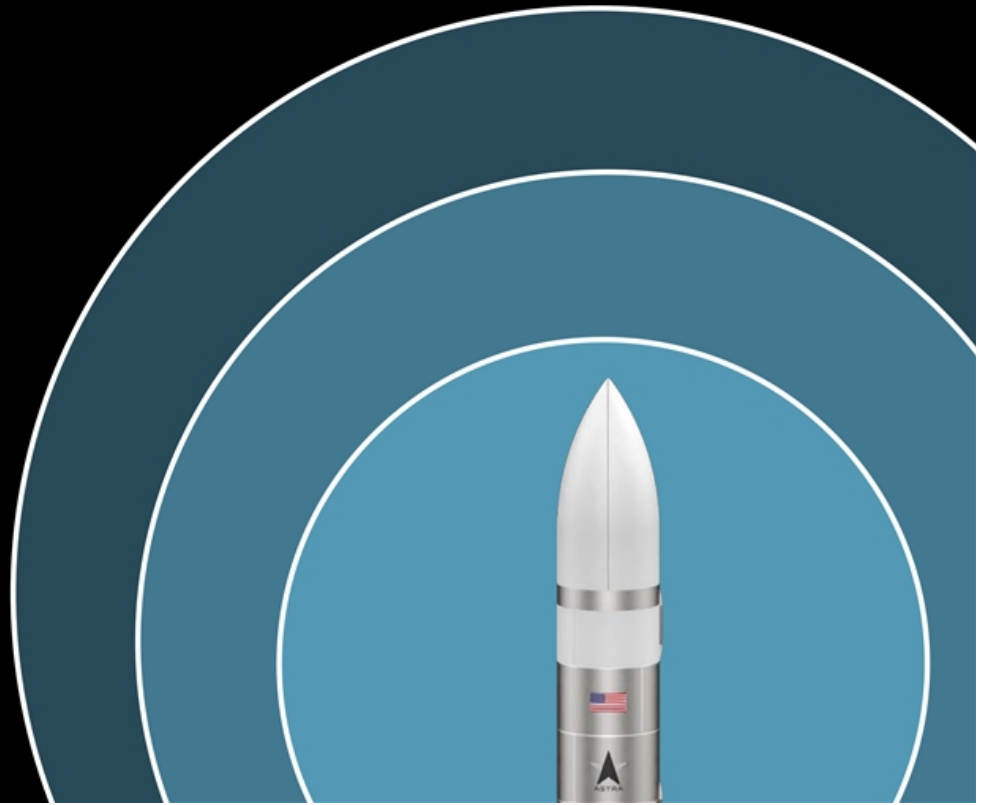
RELIABILITY

2021-08-28 22:35:00



Pole2

DESIGN FAILURES +
PROCESS FAILURES +
RANDOM FAILURES



RELIABLE
DESIGN



RELIABLE
DESIGN

DEPENDABLE
MANUFACTURING



RELIABLE
DESIGN

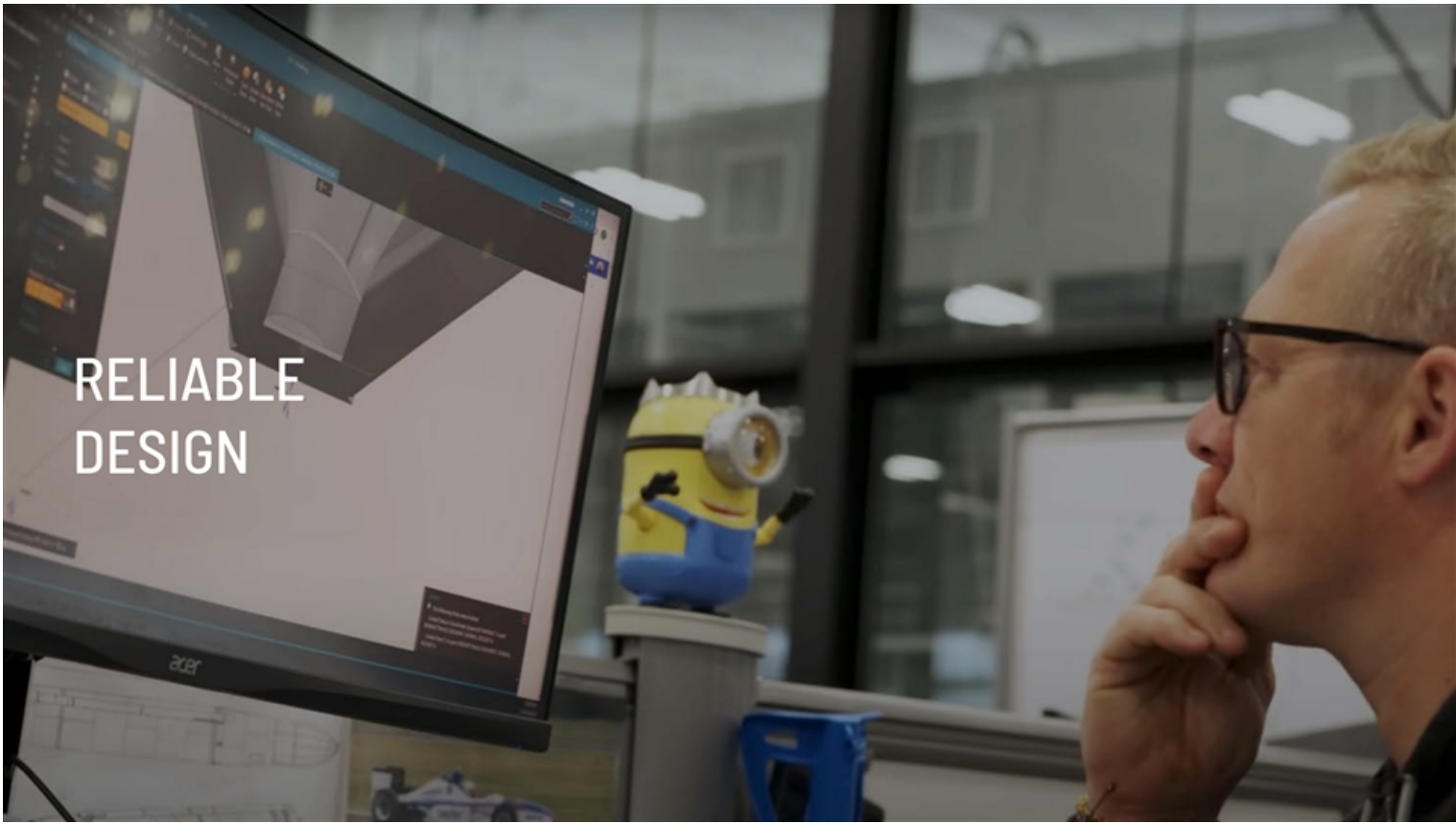
DEPENDABLE
MANUFACTURING

ROBUST
TEST AND
LAUNCH
OPERATIONS



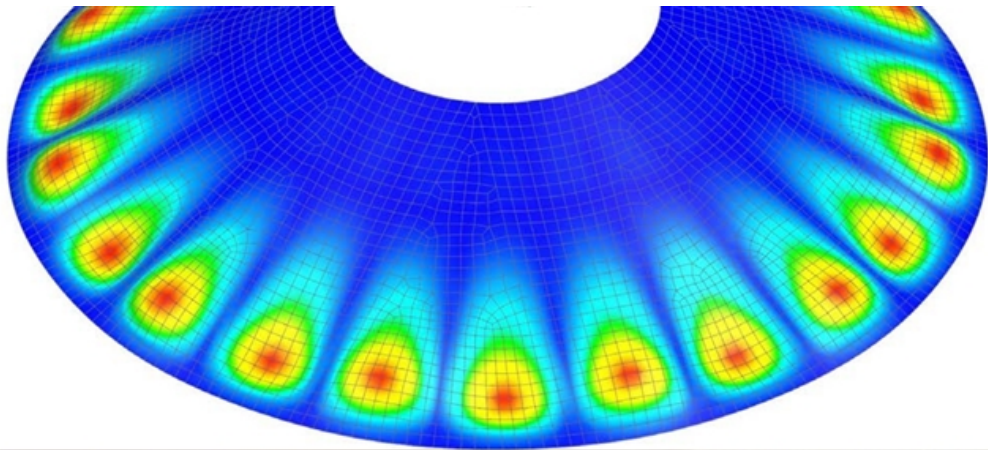


RELIABLE
DESIGN

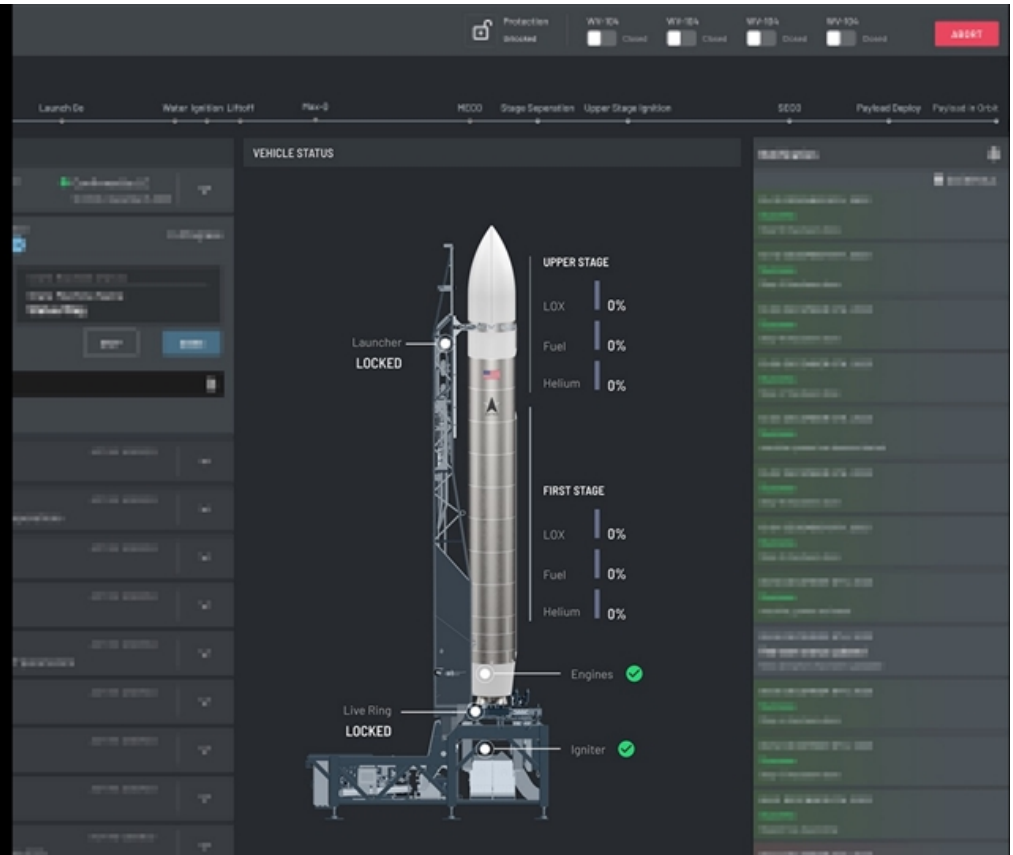


RELIABLE
DESIGN

RELIABLE
DESIGN



RELIABLE DESIGN



RELIABLE
DESIGN





RELIABLE
DESIGN



DEPENDABLE
MANUFACTURING



DEPENDABLE
MANUFACTURING

ROBUST TEST & OPERATIONS

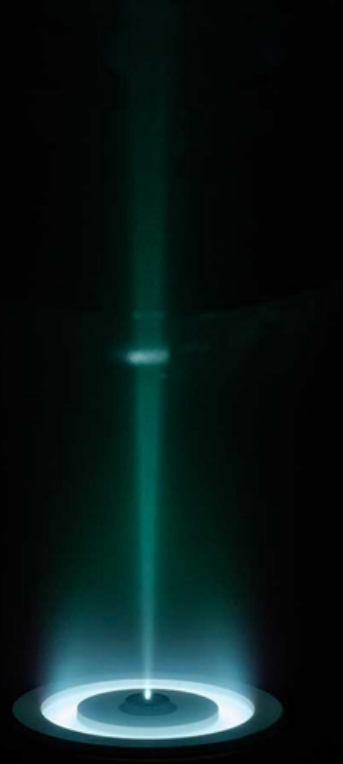


ROBUST TEST & OPERATIONS

IMAGE COURTESY OF URSA MAJOR



ROBUST TEST & OPERATIONS



ROBUST TEST & OPERATIONS





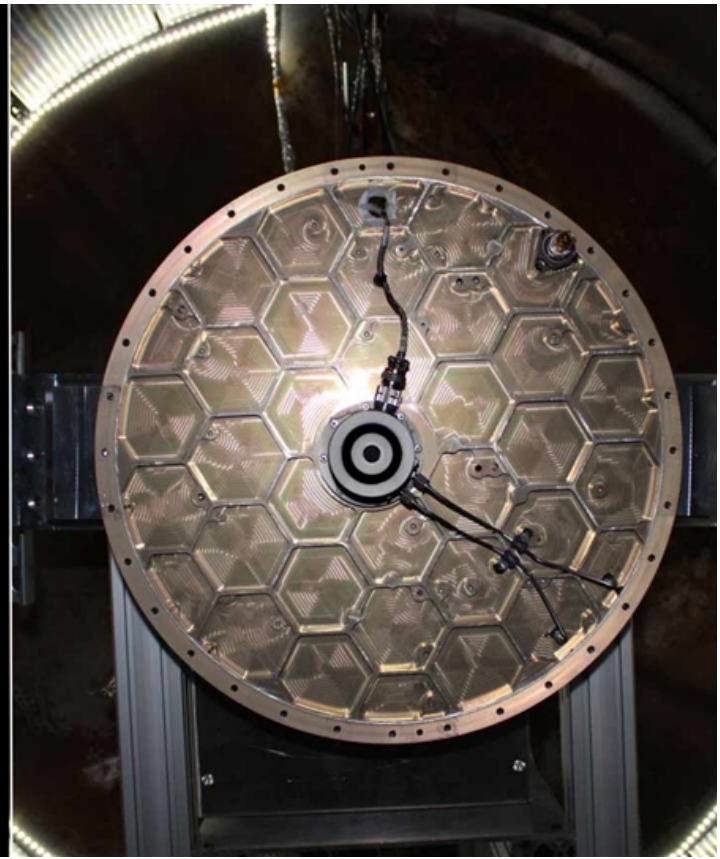
MARGO DE NARAY

Vice President & General Manager
Space Products and Services – Astra Spacecraft Engine™

ASTRA SPACECRAFT ENGINE™

Flight-Proven Electric Propulsion Systems

- Scaling to serve constellations
- Currently at work on orbit
- 800+ on orbit burns





ORBIT RAISING



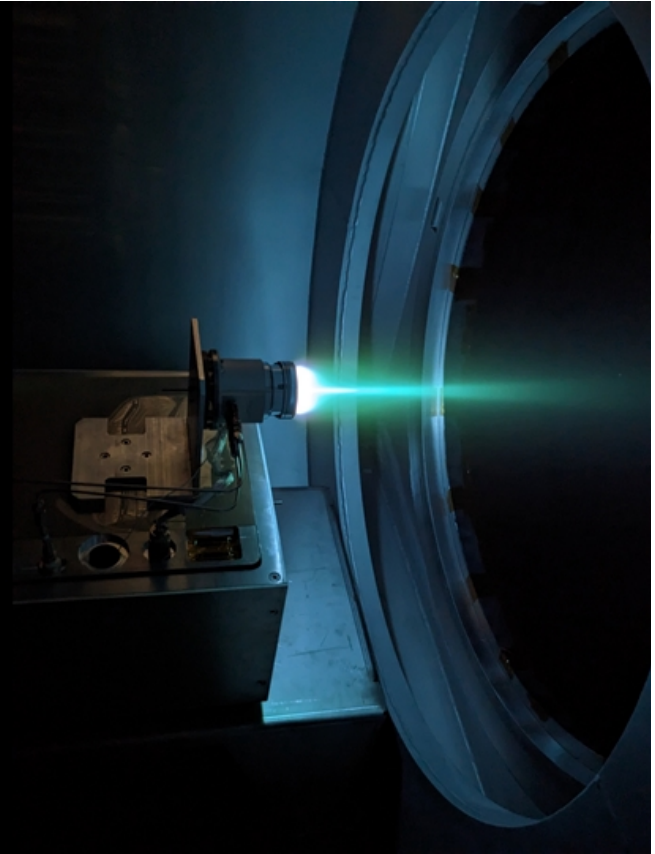
STATION
KEEPING



COLLISION AVOIDANCE



DE-ORBITING



ASTRA SPACECRAFT ENGINE™ SYSTEM OVERVIEW

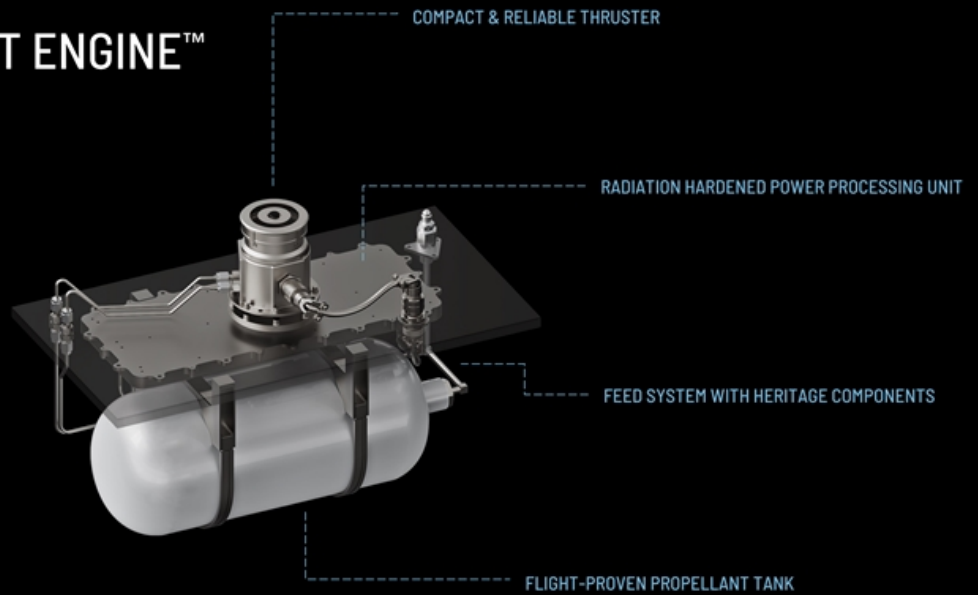
THRUST: 25 mN

SPECIFIC IMPULSE: 1,400 s

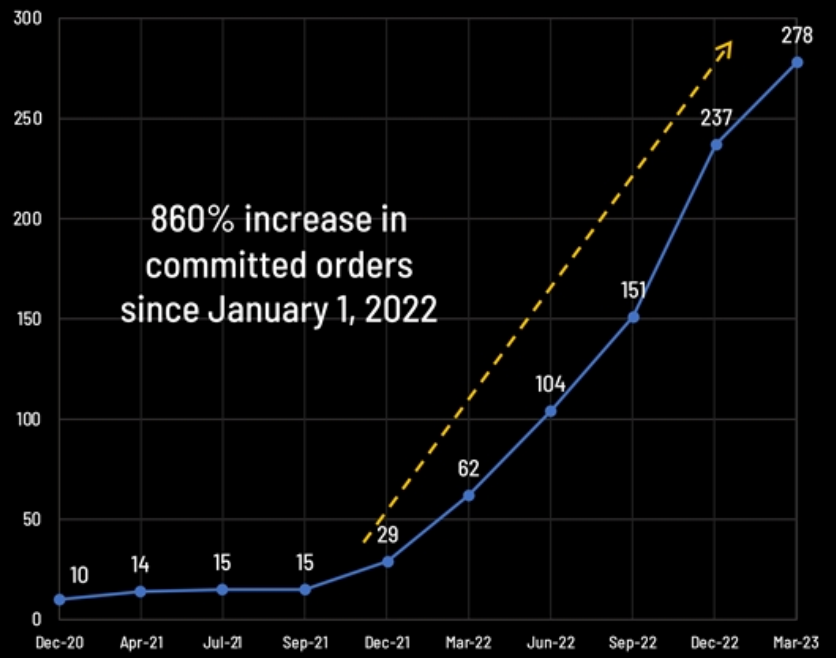
TOTAL IMPULSE: 300 kN-s

INPUT POWER: 400 W

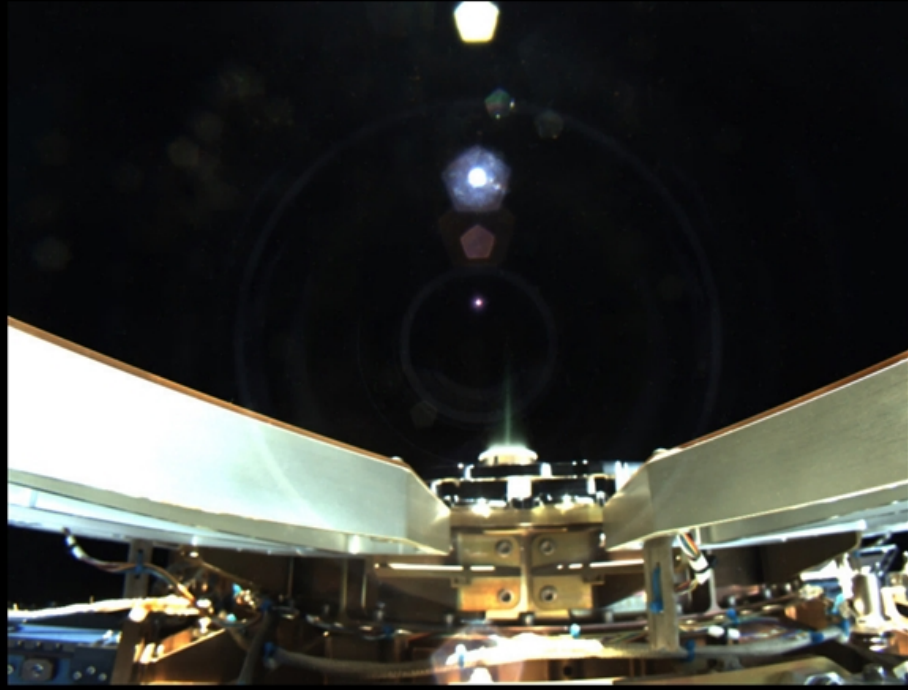
VOLTAGE: 27-34 V DC



278 CUMULATIVE COMMITTED ORDERS OF THE ASTRA SPACECRAFT ENGINE™



9 ASTRA SPACECRAFT
ENGINES ON ORBIT!















SPACECRAFT
PROPULSION KIT



ONE MORE THING...





