Elkton, MD: Medium Solid Rocket Motor Manufacturing Expansion

Major Manufacturing Facilities Added in Expansion

Hypersonics Center of Excellence

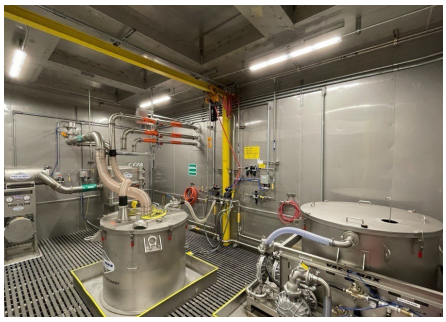
- 60,000 ft2 of classified manufacturing space
- Modular/flexible work center
- Digital work environment
- Advanced materials fabrication

***Operational:** Q2 2023

Energetics Final Assembly

- Solid rocket booster final assembly
- Advanced systems for integration checkout
- Modern equipment for surface coat application

***Operational:** Q3 2023



Propellant Machining

- Automated propellant machining
- State-of-the-art safety systems
- Modular design to support growth

***Operational:** Q4 2024

Propulsion Innovation Center

- 250 seat engineering and administrative center
- Supports advanced propulsion design

***Operational:** Q1 2026

NORTHROP GRUMMAN

Ready Now. Future Capable.

Investing in the Future

In excess of **$100M NG** investment in Elkton capacity and expansion since 2018

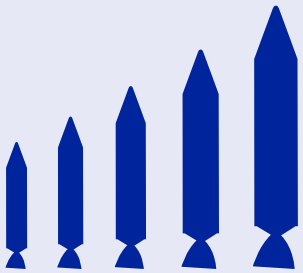
>25% increase
in manufacturing square footage

100,000 square feet
of new manufacturing space

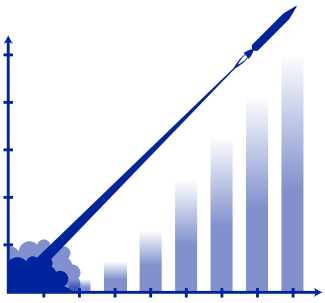
~57,000 square feet of
new engineering/administration space

#1

Significantly increasing solid rocket motor production and producing hypersonic propulsion solutions at first-of-its-kind air-breathing engine manufacturing center of excellence



Facilities produce small to medium solid rocket motors ranging from 13″ to 36″ in diameter and 1′ to 19′ in length



From **~90** rocket motors a year to **~440** by **2027**

Produces more than 1 million pounds of propellant per year

NORTHROP GRUMMAN

Ready Now. Future Capable.