

Propulsion 2030: Large Solid Rocket Motor Manufacturing Expansion



Major Manufacturing Facilities Added in Expansion



Copper Crossing Case Manufacturing Facility

Operations performed in building:

- Case winding and cure
- Machine case and hydroproof

Completed: December 2024

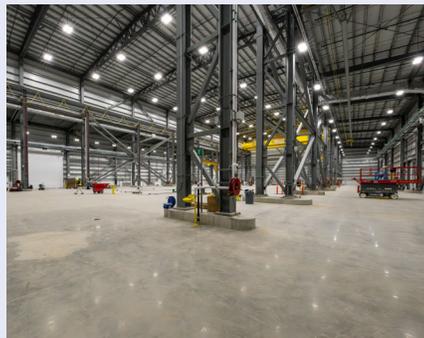


Cast/Cure 3 & 4

Operations performed in building:

- Install rocket motor chamber in casting pit
- Cast propellant
- Cure motors in pit

To be completed in Q2 2025



Rocket Motor Assembly

Operations performed in building:

- Install rocket motor nozzle and igniter
- Protective insulators applied to exterior of the motor
- Install raceway, cables, etc.
- Final motor inspections

Completed: March 2025



Shipping Facility

Operations performed in building:

- Install shipping hardware
- Install shock and temperature recorders
- Load motors onto trailer for final inspection and shipment to launch site

Completed: February 2025

Investing in the Future

\$600M+ Investment to date



12 new and 16 refurbished and modernized facilities to be in **full production this year**

*all facilities to be completed in 2025

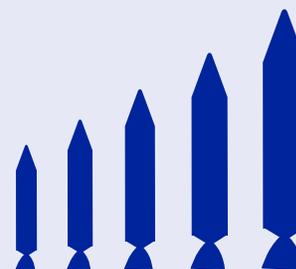


Over **500,000 square feet** of new manufacturing space added and approximately **100,000 square feet** of newly renovated space

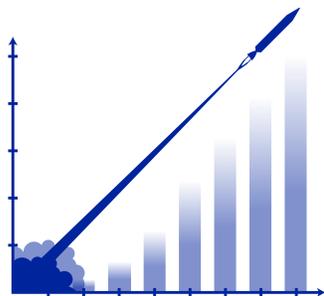
*equivalent to ~10 football fields



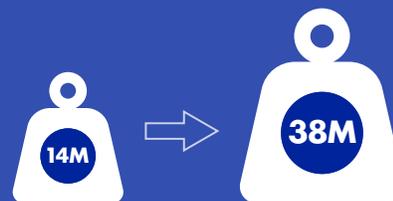
More than **doubling** large solid rocket motor production by **2030** with additional capacity to support future demands



Facilities produce large solid rocket motors ranging from **28" to 151"** in diameter and **4' to 72'** in length



From **~115** large rocket motors a year to **~260** by **2030**



From **~14M pounds** of propellant to **~38M pounds** of propellant

*tripling propellant casting capabilities