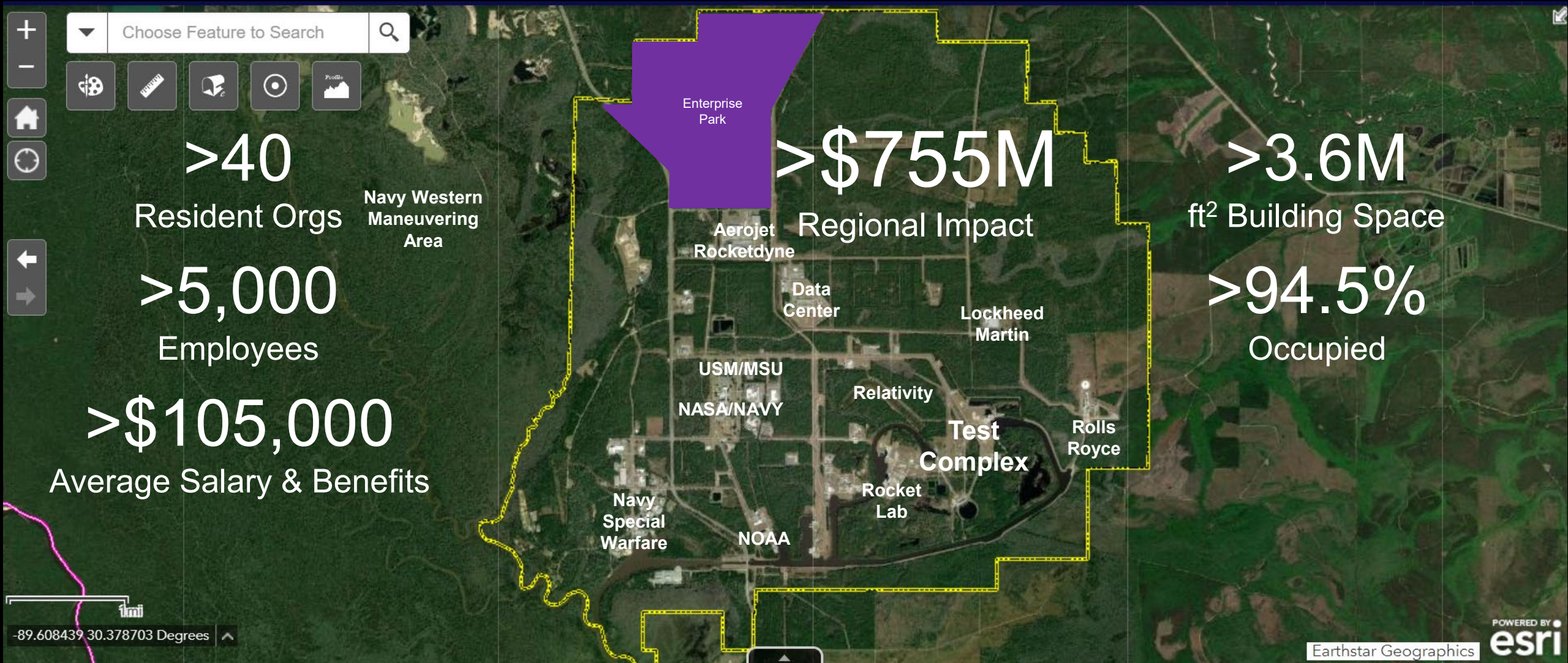




# Stennis Space Center Overview

ANNE PEEK  
CENTER CHIEF TECHNOLOGIST

# SSC at a Glance





# Welcome to the 21<sup>st</sup> Century



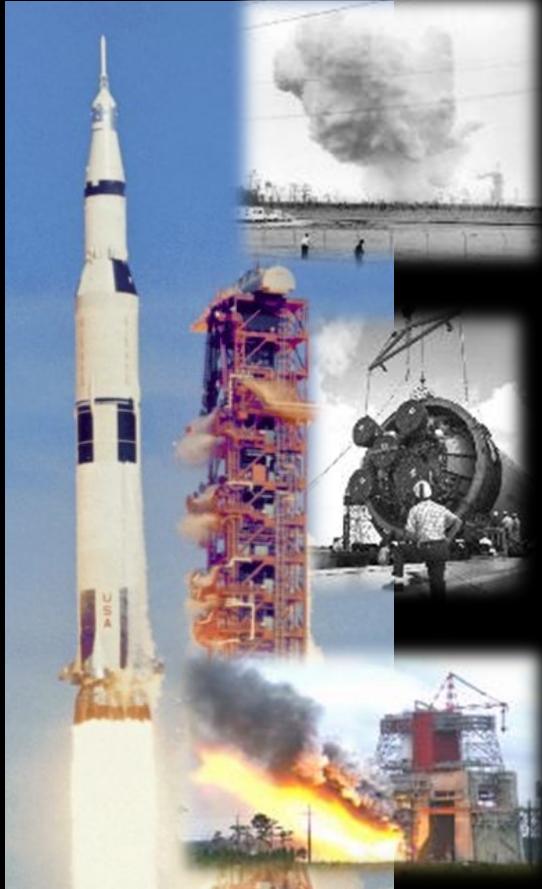
- The aerospace and defense industries are rapidly changing.
- The tools, technologies and business models are evolving to effectively compete in the market.
- The roles of NASA and the other Federal City tenants are evolving in response to those changes.



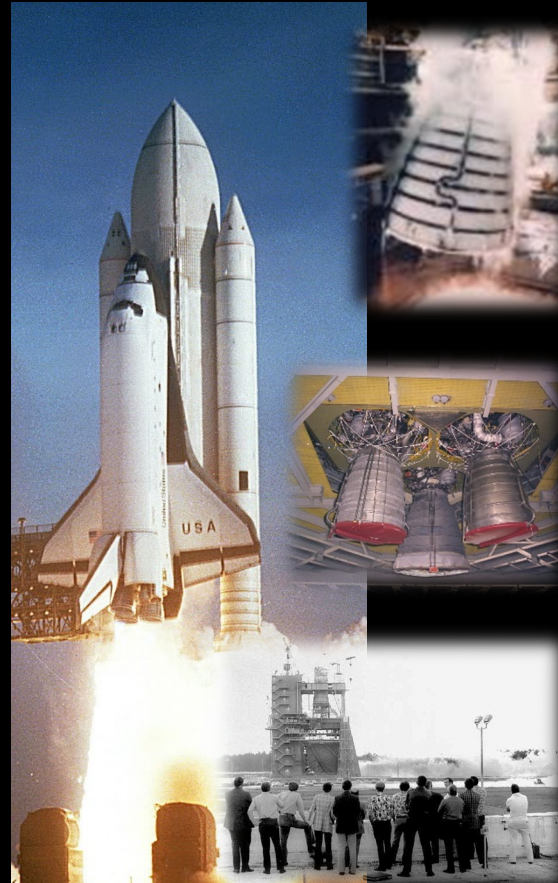
# SSC Propulsion: Past to Future



## Apollo



## Space Shuttle



## Artemis





# SSC E-Complex Testing Update



Research & Development (R&D) and acceptance testing for

- Propulsion system components
- Complete propulsion systems

**E-3 Cells 1 and 2**

**E-1 Cells 3, 2, 1**

**Relativity**



**LAUNCHER  
USDA MAJOR**

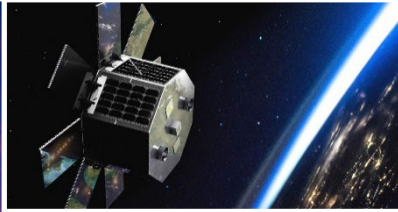




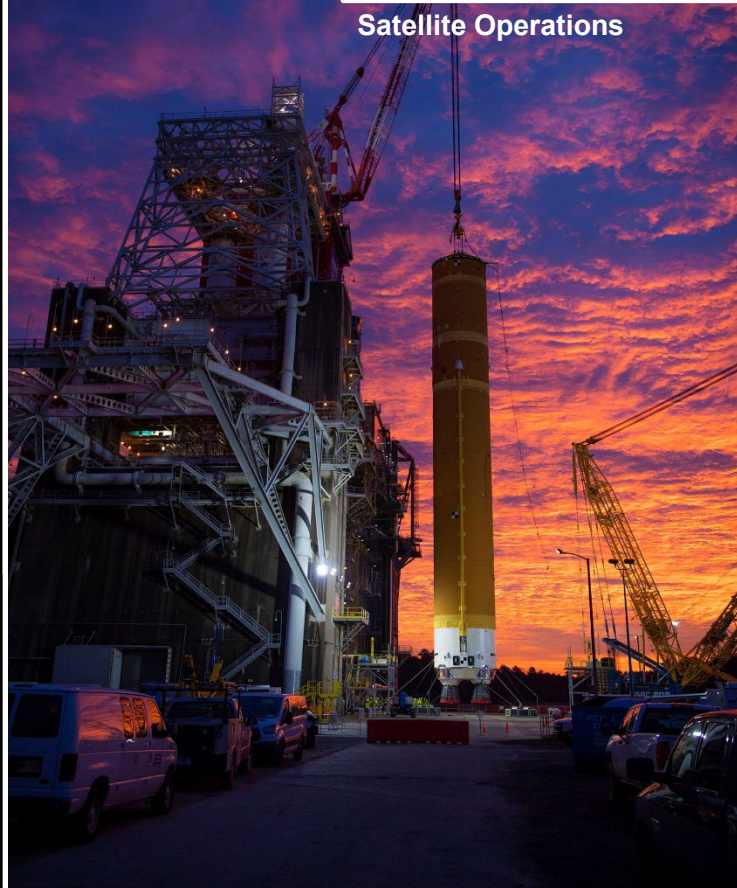
# SSC Autonomous Systems Lab



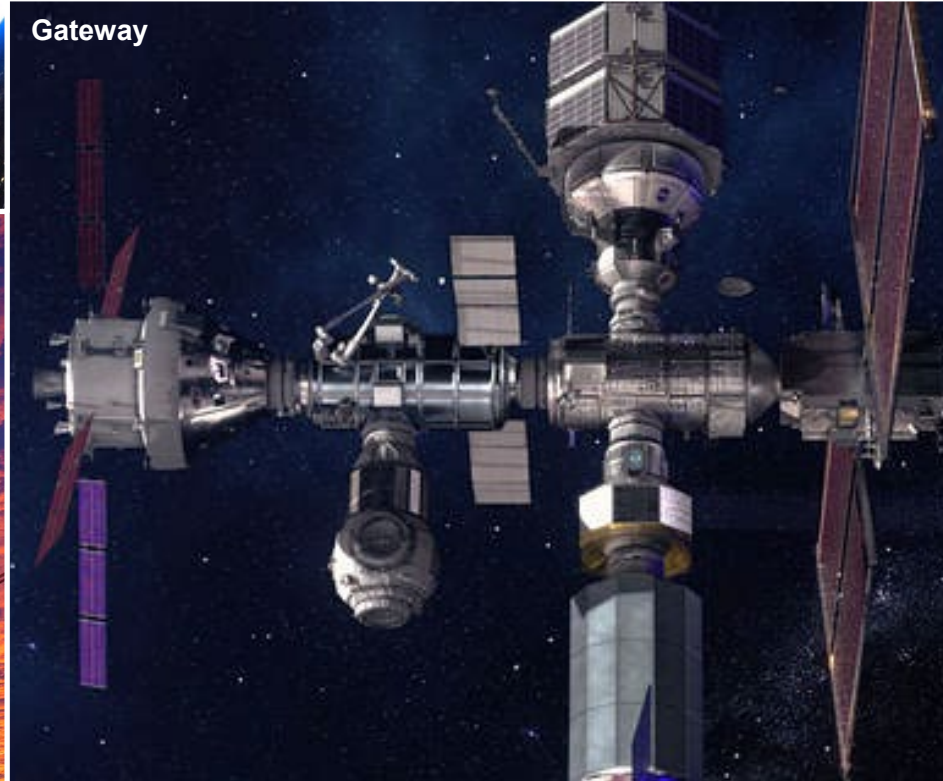
Ground Operations



Satellite Operations



Gateway



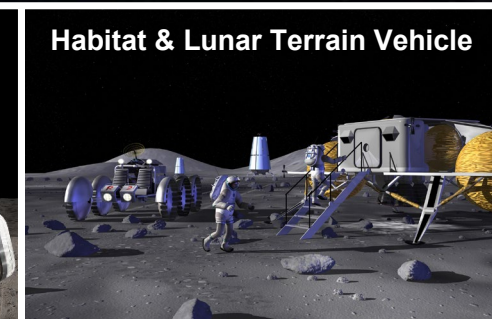
Human  
Landing  
System



In-Situ Resource Utilization



Habitat & Lunar Terrain Vehicle



Spacesuit





# Summary

Stennis Space Center is:

- Adapting to support the rapidly changing needs of NASA and the commercial space industry.
- Creating new lines of business.
- Attracting new companies to expand economic opportunities for the region.
- Modernizing the way we work to move at the speed of business.

To learn more or contact us, visit the SSC website at

<https://www.nasa.gov/centers/stennis/home/index.html>