

The Space Congress® Proceedings

2016 (44th) The Journey: Further Exploration for Universal Opportunities

May 24th, 9:00 AM

Keynote

Robert D. Cabana Center Director, NASA-Kennedy Space Center

Follow this and additional works at: https://commons.erau.edu/space-congress-proceedings

Scholarly Commons Citation

Cabana, Robert D., "Keynote" (2016). The Space Congress® Proceedings. 21. https://commons.erau.edu/space-congress-proceedings/proceedings-2016-44th/presentations-2016/21

This Event is brought to you for free and open access by the Conferences at Scholarly Commons. It has been accepted for inclusion in The Space Congress® Proceedings by an authorized administrator of Scholarly Commons. For more information, please contact commons@erau.edu.



KENNEDY SPACE CENTER

Robert D. Cabana Director, Kennedy Space Center

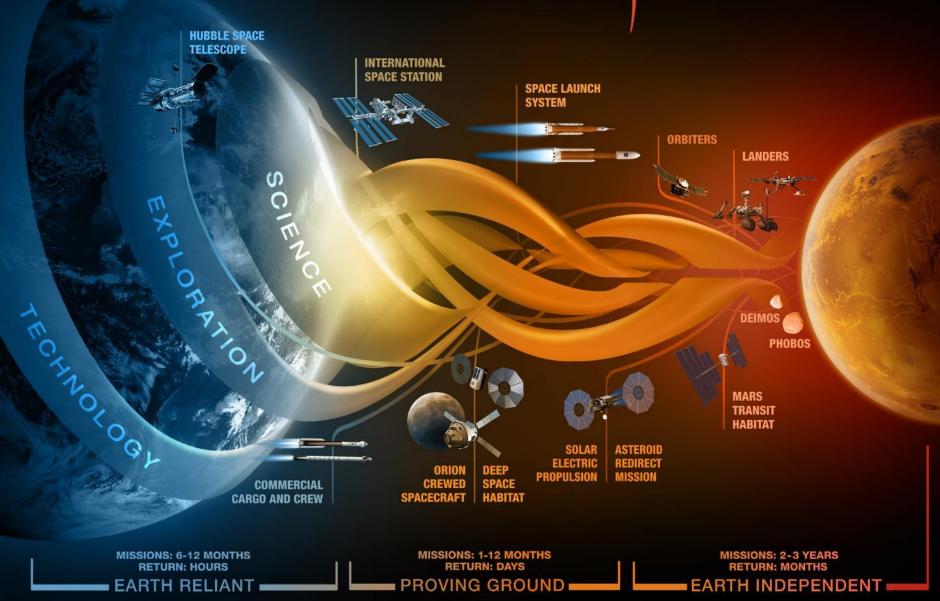


REACH NEW HEIGHTS



REVEAL THE UNKNOWN

JOURNEY TO MARS



Ground Systems Development and Operations Program

KENNEDY SPACE CENTER

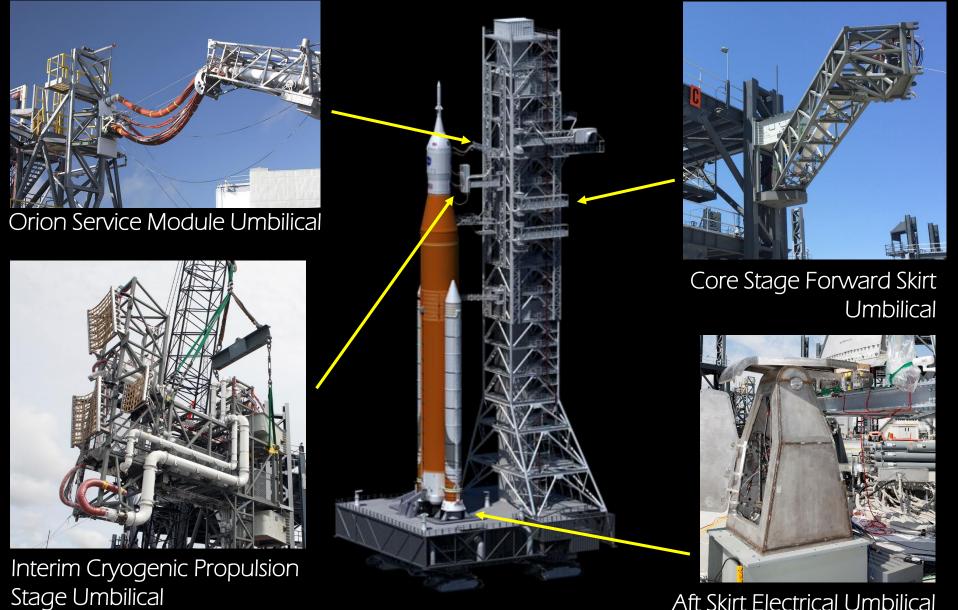
O&C High Bay





Mobile Launcher

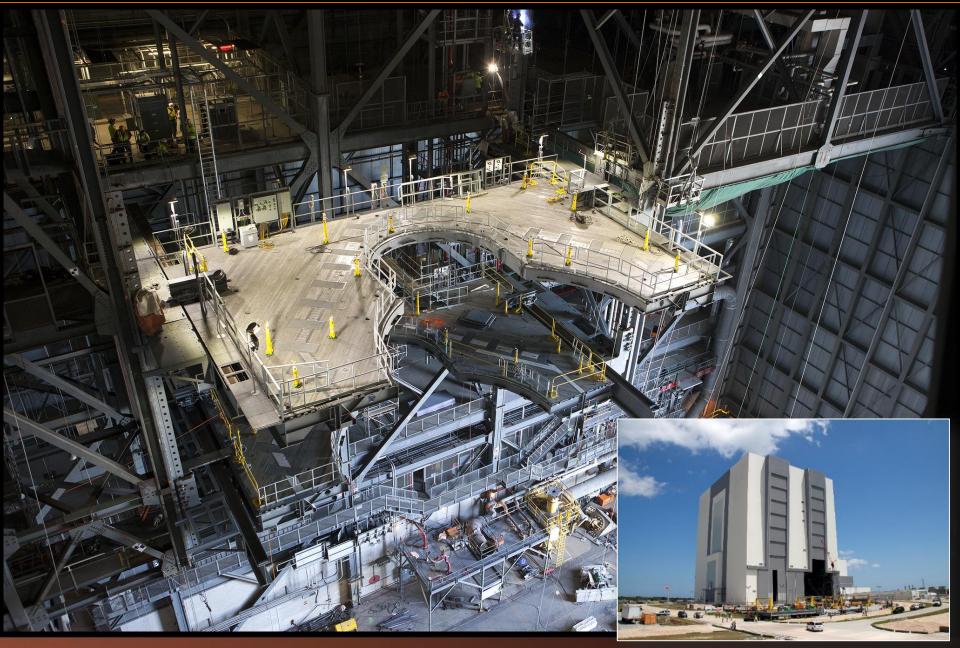




Aft Skirt Electrical Umbilical

Vehicle Assembly Building





Launch Pad 39B





Building to Exploration Mission-1



Now until launch: 2016–2018

2/2016 Crew Module Pressure Vessel on Dock at Kennedy Space Center



1/2017 European Service Module Delivery to Kennedy Space Center

1/2017 Crew Module Initial Power On at Kennedy Space Center

3/2017 Vehicle Assembly Building High Bay 3 Construction Complete

3/2017 Launch Pad Flame trench Construction Complete

5/2017 Mobile Launcher Ground Support Equipment Install Complete

7/2017 Crew Module and Service Module Mate at Kennedy Space Center

1/2018 Booster Stacking in Vehicle Assembly Building

4/2018 Core Stage stacking with Boosters in Vehicle Assembly Building

6/2018 Orion mating with SLS in Vehicle Assembly Building

8/2018 Wet Dress Rehearsal at Launch Pad

11/2018 EM-1 LAUNCH

KENNEDY SPACE CENT

Commercial Crew Program

KENNEDY SPACE CENTER

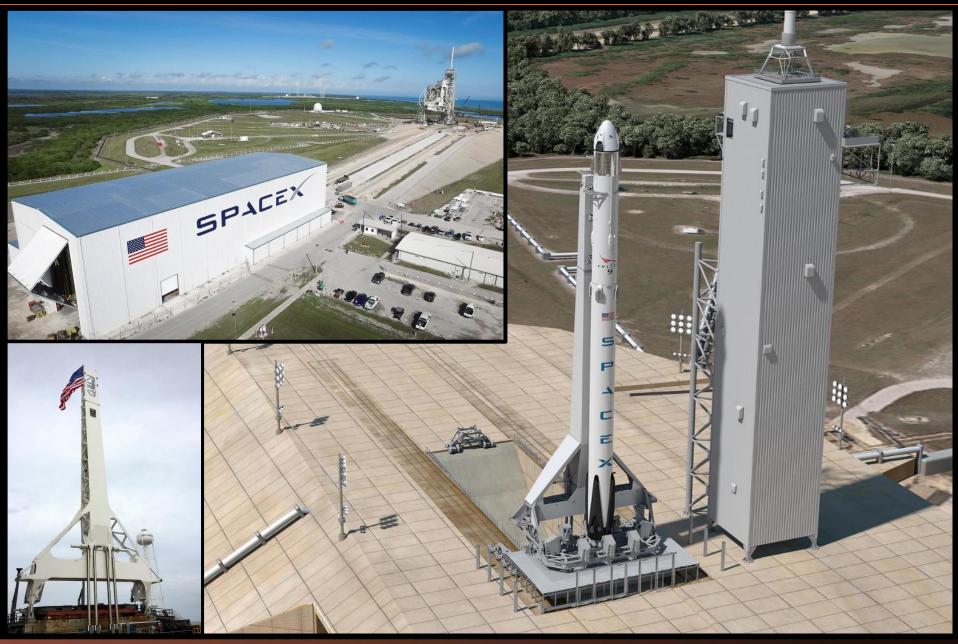
SpaceX Crew Dragon





Launch Pad 39A





Boeing CST-100 Starliner





Launch Complex 41

NUM

* TANK





Launch Services Program

KENNEDY SPACE CENTER

Launch Services Program Manifest Outlook





OSIRIS-Rex - Origins

Spectral Interpretation

Resource Identification

Security Regolith



GOES-R – Geostationary Operational **Environmental Satellite**



CYGNSS-Cyclone **Global Navigation** Satellite System



2016

2017



JPSS-1 – Joint **Polar Satellite** System (Vandenberg)



ICON – Ionospheric Connection Explorer (Kwajelein)



Exoplanet

Survey

Satellite

TESS -Transiting



TDRS-M-Tracking and Data Relay Satellite



ICESat-2 – Ice, Cloud and Land Elevation Satellite-2 (Vandenberg)

Multi-User Spaceport Partnerships

KENNEDY SPACE CENTER

Blue Origin





Exploration Park



Orbital ATK





KSC Partnerships Overview



