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The Space Congress® Proceedings

2018 (45th) The Next Great Steps

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Feb 28th, 10:45 AM

## Space Launch System Update

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# SPACE LAUNCH SYSTEM UPDATE

45<sup>th</sup> Space Congress

John Honeycutt, Manager  
Space Launch System Program  
*February 28, 2018*

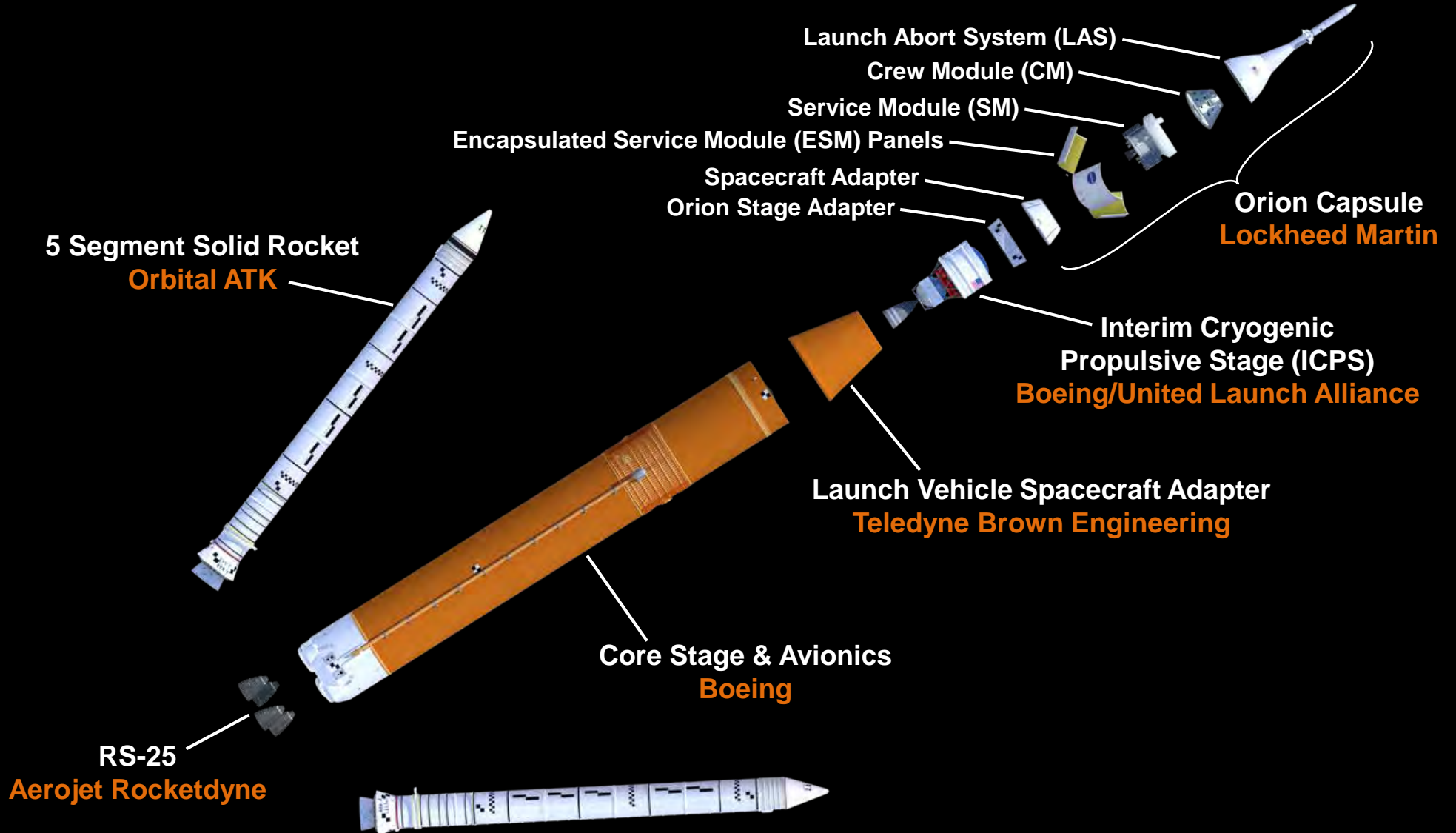
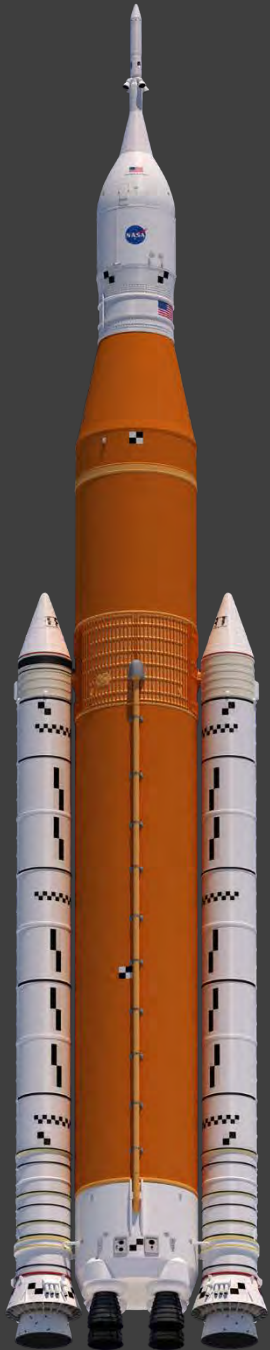




See metadata page for Media 1 video link, or Click Here  
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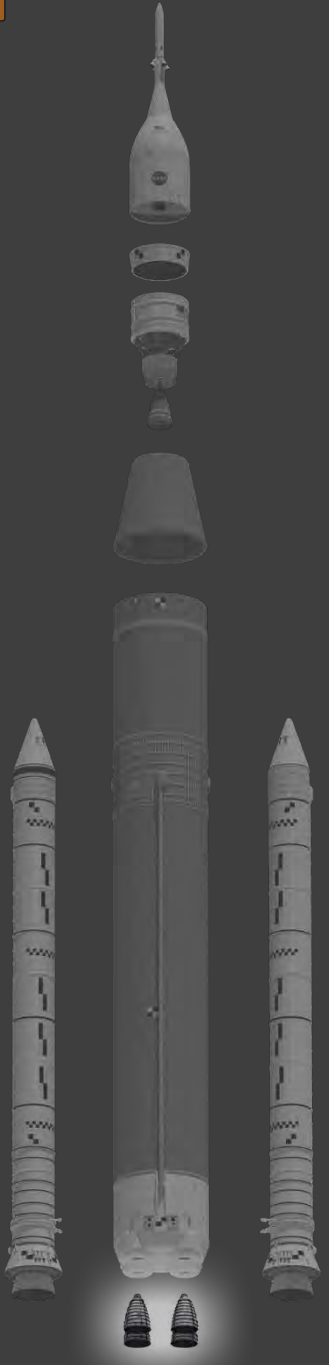


# SLS BLOCK 1 CONFIGURATION FOR EM-1



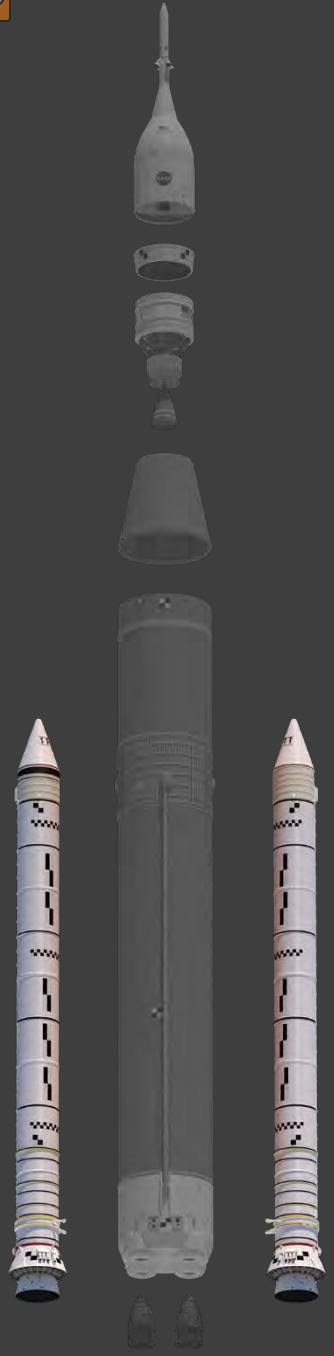


# ENGINES



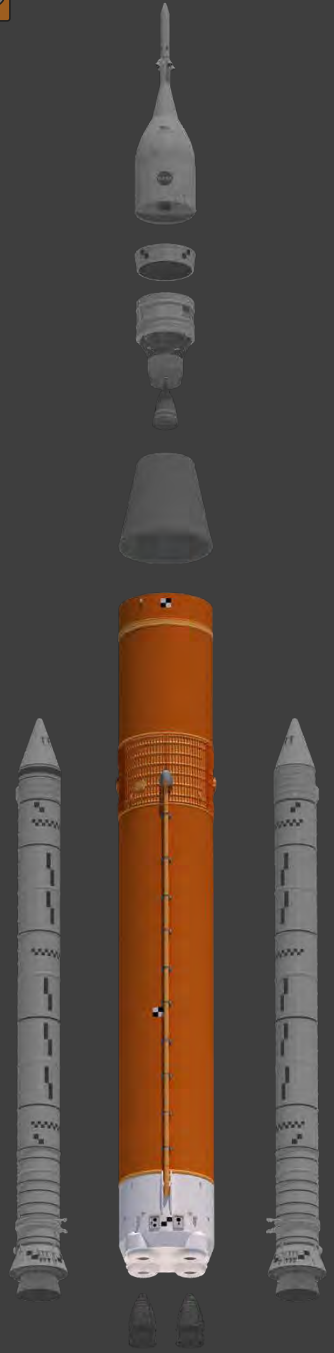


# SOLID ROCKET BOOSTERS





# CORE STAGE

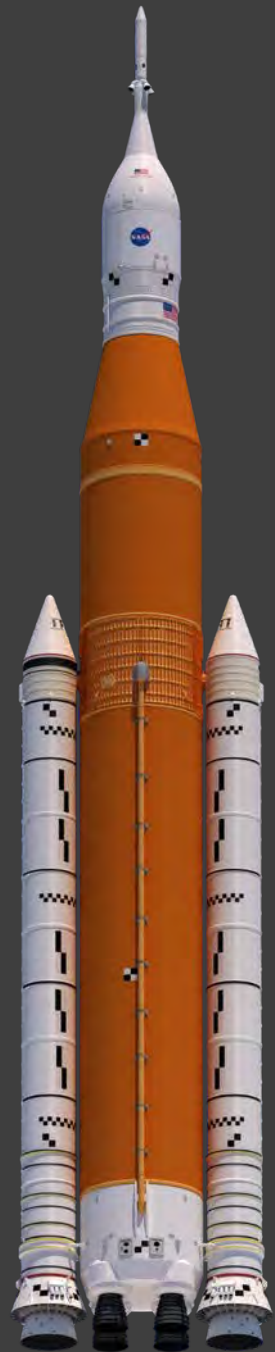




# IN-SPACE STAGE







# WORKING TOWARD EM-1

## 2018 MILESTONES



### JAN-MAR 2018

- Core Stage Intertank structural test article finished, ships to MSFC for testing
- Orion Stage Adapter finished, ships to KSC
- Integrated avionics and software testing complete at MSFC

### APR-JUNE 2018

- EM-1 engines delivered to MAF
- Core Stage engine section complete
- Liquid hydrogen structural test article arrives at MSFC

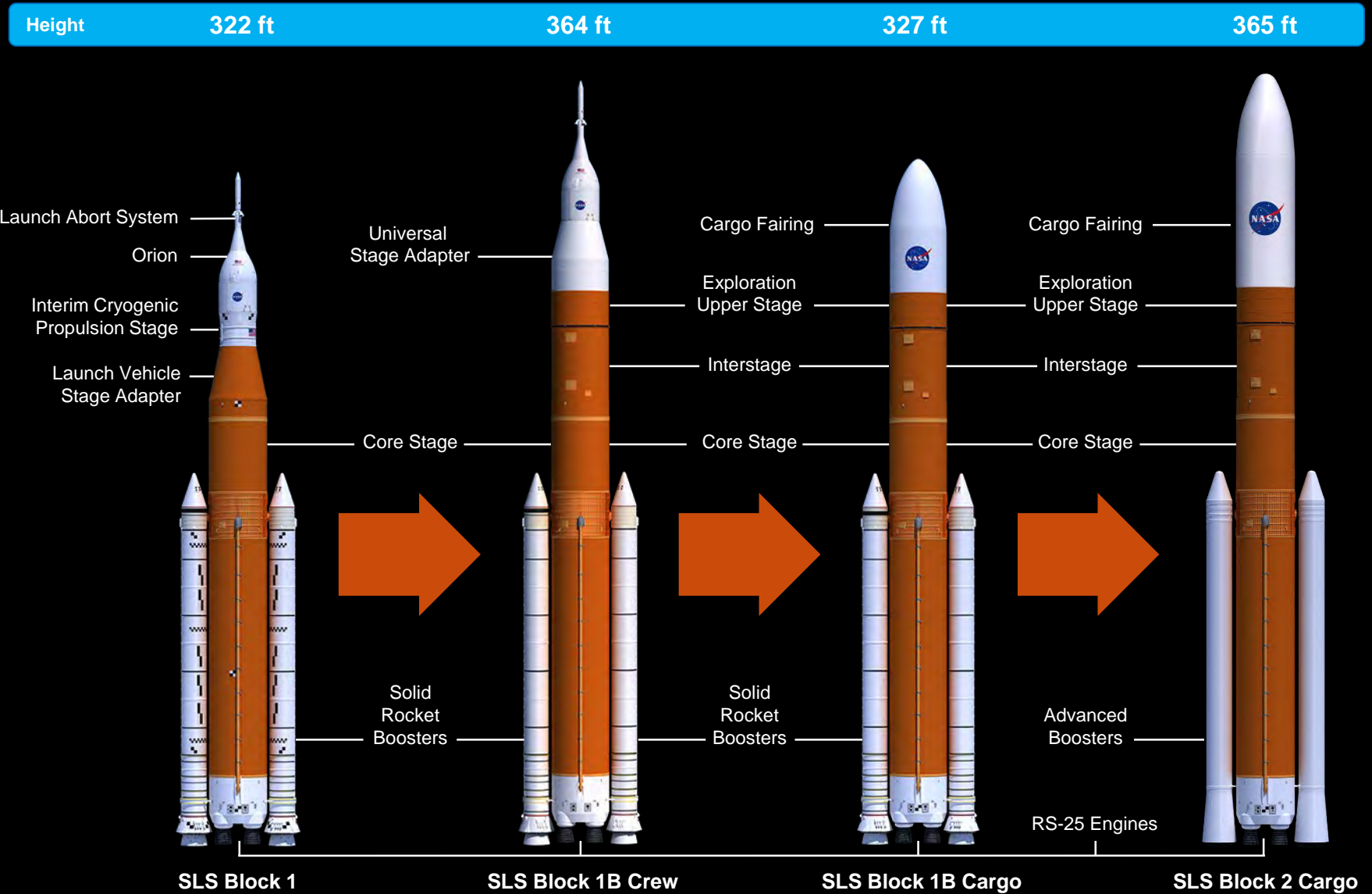
### JUL-SEP 2018

- LVSA finished, delivered to GSDO
- Core stage integration begins

### OCT-DEC 2018

- Booster forward and aft assemblies finished at KSC
- Booster motor segments ship to KSC
- Core stage integration complete
- Core stage ships to Stennis for Green Run – largest liquid fuel test since Apollo/Saturn

# SLS EVOLVABILITY



# IT'S HAPPENING NOW!



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