

2026 Key Accomplishments

SLS

- Delivered and Stack SLS Boosters
- Shipped Art III Core Stage to KSC
- Installed 4 RS-25 Engines into Core Stage
- Completed Core Stage 3 HB2 work
- Designed and completed Art III Spacer Structure
- Refurbished LVSA STA
- Refurbished OSA STA & built new diaphragm
- Art IV RS-25 Engines complete and in storage
- LVSA for A4 complete
- ICPS for A4 complete

Mobile Launcher

- Art III: Flame hole refurbishment
- Art III: Blast deck mods
- Art III: Booster aft skirt electrical umbilical redesign and hardening
- Art III: Redesigned liquid hydrogen and liquid oxygen quick disconnects

Sortie Suit

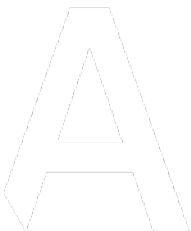
- Established Sortie design to reduce mass by 50%
- Initiated fabrication of new Sortie waist-entry upper torso
- Built and tested prototype Sortie pressure garment to assess internal spacecraft ops
- Built Sortie PLSS mockup
- Initiated design and testing of Sortie PLSS components

Centaur V

- Completed 60-day feasibility study evaluating baseline Centaur V integration with SLS
- Awarded letter contract to authorize continued Centaur development pending definitization of the full contract
- Transitioned to an enhanced Centaur configuration for Artemis requirements
- Advanced tank height definition to accommodate updated Artemis performance requirements
- Progressing through material risk-reduction testing

Accelerant Readiness: 2027-2028 Forecasted Milestones

SLS



**Mobile
Launcher
modifications**

**Q1
2027**

A4 Booster Segments ready to deliver, A4 Booster Aft Skirt Assemblies Complete, A3 Spacer Production Complete, A3 LVSA STA Production Complete, A3 OSA STA Production Complete

Art III elevator shaft, door, helium & high pressure nitrogen pressure panel reinforcements

**Q2
2027**

A4 OSA Complete, A4 Booster Fwd Assemblies Complete, Artemis IV Fwd & Ctr Booster Segments Complete

**Q3
2027**

A4 Booster Fwd Assemblies Complete, A4 OSA Production Complete, A4 Core Stage Flight Unit Ready for Mobile Launcher (ML)

Centaur: Add upper stage engine chill capability
Relocate Crew Access Arm
Design and install Centaur umbilical
Relocate Orion umbilical
Add vaporizer for LH2, helium panels, high pressure nitrogen panels, electrical heaters

**Q4
2027**

A5 Booster Segments complete, A4 Upper Stage Flight Engines (2) Production Complete

Centaur: Relocate entry point for Emergency Egress System and Contingency Access Platform for Centaur access

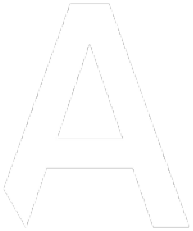
**First Half
2028**

A5 CS Ready for ML, Delivery FSW for A4 with CV, A4 CS for Mobile Launcher, AV Booster Fwd Assem. Complete, A5 Launch Vehicle Centaur Adapter Production Complete, A5 Centaur Orion Stage Adapter Production Complete, A5 Stretch Centaur-V Structural Test Article Production Complete

**Second Half
2028**

A5 Stretch Centaur-V Production Complete, A6 Aft Motor Segments and Aft Exit Cones Production Complete, A6 Forward & Center Motor Segments Production Complete, A6 Aft Skirts Production Complete, A4 SEIO Pre-FRR

Accelerant Readiness: 2027-2028 Forecasted Milestones Continued

	Q1 2027	Q2 2027	Q3 2027	Q4 2027	First Half 2028	Second Half 2028
Sortie Suit 	Complete assembly of first fully functional suit, PGS evaluation at 1/6-g and testing with spacecraft ECLSS in vacuum chamber	Complete second suit to enable combined PLSS/PGS testing with air, complete PGS to lander ECLSS interface demo & validate PGS mobility, ops, interfaces on reduced gravity testbed	Complete Sortie qual build 1 & 2, complete vacuum chamber EVA demonstration of suit, complete human-in-the-loop vacuum chamber tests with vehicle ECLSS	Complete subassembly level qual testing with qual build 1, complete assembly level qual testing on qual build 2, complete initial Sortie flight unit builds	Complete flight unit acceptance testing and deliver Sortie system for first mission need	Complete flight unit acceptance testing for next mission need and deliver Sortie system for next mission need
Centaur V	Design Maturity: Complete design review	Production Readiness Build pathfinder and test articles	Flight hardware production Test stand design upgrades	Qualification Test Preparation: structural qualification testing.	Initiate Flight Unit 2 production activities	Initiate Flight Unit 3 production activities