



Ares

WEEKLY SUMMARY



Ares I-X validated, in spectacular fashion, all the hard work put forth by the Ares team to continue human exploration of space. It was a day among days when the whole nationwide Ares team could be proud of what it accomplished and what it will continue to accomplish.

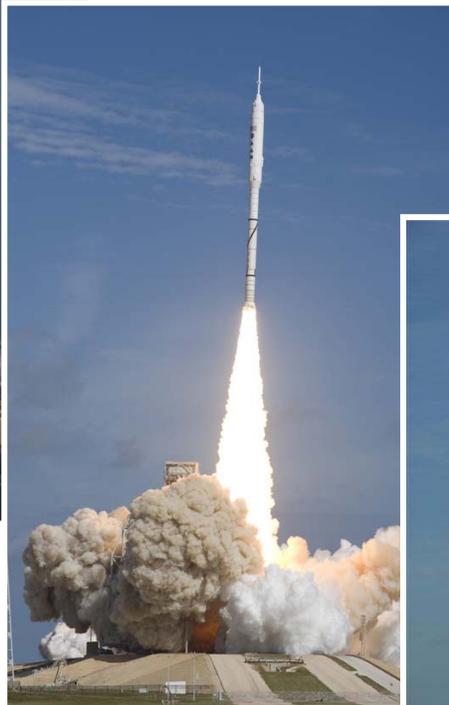
Congratulations to the Ares I-X team on the successful flight test from Kennedy Space Center (KSC) in Florida at 11:30 a.m. EDT on October 28, 2009.



Standing 327 feet tall, the Ares I-X sits atop Launch Pad 39B at KSC



With thrust more than 23 times the power output of the Hoover Dam, and more than 12 times the thrust produced by a Boeing 747 jet aircraft, Ares I-X takes flight



Reaching 100 mph in 8 seconds and generating 2.96 million pounds of thrust at liftoff, the Ares I-X is the first vehicle other than the space shuttle to launch from KSC pads since the Apollo Program's Saturn rockets were retired.



Ares

WEEKLY SUMMARY



Nearly 143 feet taller than the space shuttle, Ares I-X launches with the space shuttle Atlantis poised on Launch Pad 39A for liftoff, targeted for November 16



NASA Ares I-X mission managers watch from mission control



A sudden drop in pressure causes a visible condensation cloud that surrounds the aircraft traveling at transonic speeds. This is called bow shock.



Ares

WEEKLY SUMMARY



Congratulations Ares I-X! We're so proud of you!

The Ares Projects looks forward to the November launch of STS-129, space shuttle Atlantis.