

FEATURES

22 | 'Son of Saturn V'

As the SpaceX Falcon Heavy debut signals a new era for the space industry, Elon Musk redirects engineering efforts toward the BFR

28 | Singapore 2018

The airshow highlighted the F-35's international expansion and the big changes underway in commercial aircraft production

43 | NASA Urban Air Mobility

The agency unveils concept-vehicle designs to guide research

54 | South Africa's Mwari

Paramount Group breaks new ground with its light surveillance/attack aircraft

58 | Laureates 2018

Aviation Week recognizes people, programs and products that have had an outsized impact on the industry in the last year

68 | Connected Aerospace

Airlines get creative to stay ahead of new travel trends

SPACE

25 | SpaceX plans "hopper" technology development for its BFR

SINGAPORE AIRSHOW

29 | Airbus and Boeing see pressure to increase narrowbody production

30 | Boeing reveals novel landing gear design for 737-10

31 | Qantas eyes Boeing NMA for faster turnaround advantages

35 | Comac slips C919 delivery target but seems confident of meeting it

TECHNOLOGY

44 | U.S. startups' unmanned cargo aircraft head toward flight tests

47 | Gesture recognition could control UAVS on U.S. Navy carrier decks

COMMERCIAL AVIATION

38 | FAA plans rollout of drone authorization system

39 | United and other U.S. airlines assure investors growth is good

DEPARTMENTS

6 | Feedback

8 | Who's Where

10 | First Take

15 | Up Front

16 | Going Concerns

17 | Inside Business

18 | Airline intel

19 | Leading Edge

20 | The Launchpad

72 | Classified

73 | Contact Us

73 | Aerospace Calendar

40 | Korean Air is adding Bombardier CS300s, retiring Boeing 747-400s

41 | HNA Group prioritizes its airlines as it struggles with debt

BUSINESS

42 | Leonardo eyes consolidation to put helicopter glitches behind it

DEFENSE

37 | Four companies vie for New Zealand airlifter business

49 | Pentagon and FAA lag in agreement on ADS-B "Out"

51 | Did Raytheon's supersized interceptor fail its Aegis Ashore test?

52 | Pilot describes physiological episodes in F-35s at Luke AFB, Arizona

ROTORCRAFT

48 | South Korean marines consider attack version of the Surion

UNMANNED AIRCRAFT

57 | Sweden's Inkonova drone designed to map places humans cannot reach

VIEWPOINT

74 | U.S. forces in the Western Pacific are on the front line

ON THE COVER

Elon Musk's SpaceX demonstrated a viable successor to the mighty Saturn V rocket with the Falcon Heavy test launch Feb. 6. Space Editor Irene Klotz's report begins on page 22. Photo by John Kraus, an 18-year-old senior at Satellite High School in Satellite Beach, Florida.

Aviation Week publishes a digital edition every week. Read it at AviationWeek.com/awst



DIGITAL EXTRAS Access exclusive online features from articles accompanied by this icon.