

AVIATIONWEEK

& SPACE TECHNOLOGY



Digital Extras Tap this icon in articles in the digital edition of AW&ST for exclusive features.

- 8 Feedback
- 11 Who's Where
- 12-14 First Take
- 16 Up Front
- 18 Going Concerns
- 19 Inside Business Aviation
- 20 Airline Intel
- 21 Leading Edge
- 22 Commander's Intent
- 24 In Orbit
- 25 Washington Outlook
- 79 Classified
- 80 Contact Us
- 81 Aerospace Calendar

DEFENSE

-  **28 Northrop Grumman** won the Long-Range Strike Bomber contract on cost—on technology and risk, too?
- 32 Sources and statements** provide clues to Long-Range Strike Bomber details and features
- 36 Dassault gambles** on surge in Rafale exports, telling suppliers to plan to triple their output by 2018
- 38 Despite challenges** in development and production, Airbus says A400M has turned a corner
- 42 Japan becomes** first Boeing KC-46A export customer, but Airbus is not slowing A330 MRTT plans
- 67 European missile** maker MBDA explores technologies to facilitate cruise-missile mission planning

65

Saab will seek FAA approval for a live demonstration of its remote tower at Leesburg Executive Airport, a reliever airport for the Washington metroplex area that has no air traffic control tower.



COMMERCIAL AVIATION

-  **43 First Comac C919** flight-test aircraft rolls out with indications of difficulties in its manufacturing
- 46 Quebec government** backing lets Bombardier renew focus on C Series operating performance
- 48 As Metrojet crash** investigation unfolds, terrorism concerns and security measures come to fore
- 63 Philippine Airlines'** new management efforts on premium services and key long-haul markets
- 65 Remote air traffic** control towers may gain traction in U.S. if FAA approves demo at Virginia airport
- 78 Ultra-low-cost** carriers spur major U.S. airlines to price-match in order to retain market share

BUSINESS AVIATION

- 50 Technical problems** with Silvercrest engine development delay Falcon 5X certification

PILOT REPORT

- 52 Aviation Week** finds out how Dassault's new ultra-long-range Falcon 8X business jet flies

ROTORCRAFT

- 58 First flight** of Sikorsky's CH-53K begins flight-test program for USMC all-new heavy lift helo
- 60 South Korea's** Surion and LCH-LAH helicopter programs are becoming assets for Airbus
- 62 European helicopter** and engine manufacturers explore hybrid power, single-engine options



60

DUBAI AIRSHOW 2015

- 68 Russian-Syrian** coalition adds complexity to U.S.-led battle against the Islamic State group
- 69 Militaries** in the Middle East are still buying, but declining oil prices may curtail their expenditures
- 70 Despite U.S. efforts** to create an integrated shield, Persian Gulf countries buy own missile defenses
- 73 Three major Gulf** carriers have integrated capacity in a structured way, analysis of data shows
- 74 Airbus defers** A380neo decision, casting shadow over prospects for new current-version orders

VIEWPOINT

- 82 Canada's aerospace** industry dodged a bullet with Bombardier's struggling C Series program