

AVIATIONWEEK
& SPACE TECHNOLOGY

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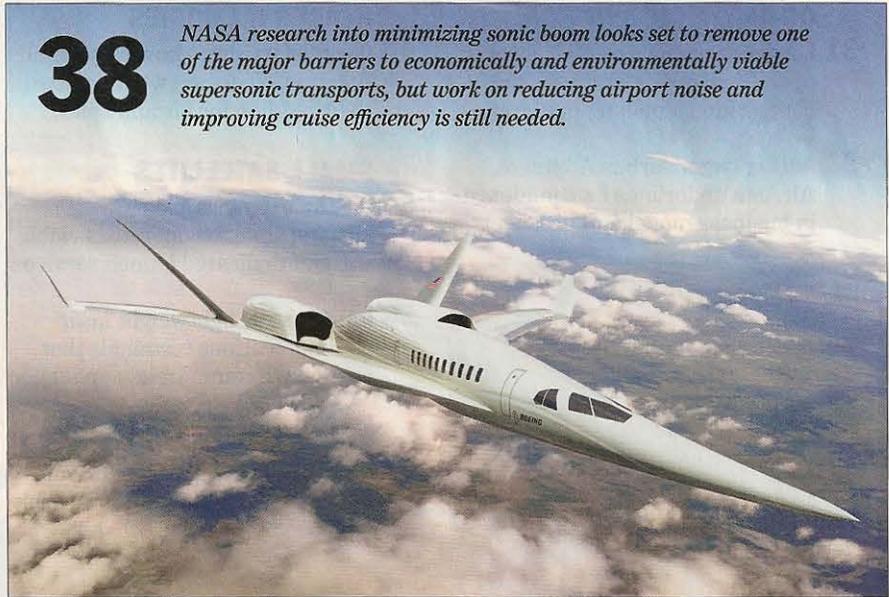
- 7 Feedback
- 8 Who's Where
- 10-11 First Take
- 12 Going Concerns
- 13 Up Front
- 14 Inside Business Aviation
- 16 Airline Intel
- 17 Leading Edge
- 18 In Orbit
- 19 Washington Outlook
- 63 Classified
- 64 Contact Us
- 65 Aerospace Calendar

EUROPE IN CRISIS

- 20 **Turkey's first** failed coup reveals vulnerabilities that will complicate diplomacy, military cooperation
- 22 **European carriers** reel from drop in traffic following terrorist attacks, Turkish political turmoil
- 24 **Germany looks** to lead from the front on foreign operations and multinational defense programs

DEFENSE

- 25 **U.S. Air Force** may pursue two light-attack aircraft, possibly in parallel, to replace A-10 Warthog



38

NASA research into minimizing sonic boom looks set to remove one of the major barriers to economically and environmentally viable supersonic transports, but work on reducing airport noise and improving cruise efficiency is still needed.

- 34 **Avic unveils** amphibious aircraft that is hailed as equipment for claimed South China Sea



- 59 **U.S. Air Force Reserve** gains B-1 and B-52 experience, looking to take on the heavy bomber mission

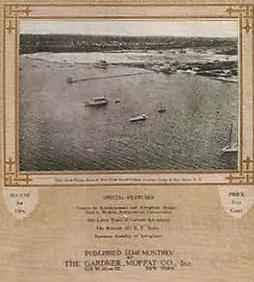
GENERAL AVIATION

- 26 **Flight safety** efforts were in the spotlight at the annual EAA AirVenture show in Oshkosh

AIRSHIPS

- 28 **French cargo** airship startup draws on ultracapacitors to carve out market niche
- 28 **Ultracapacitors** may soon be used in hybrid propulsion systems and directed-energy weapons
- 30 **Airship carriers** could extend the capabilities of small and medium-sized unmanned aircraft systems

AVIATION
AND
AERONAUTICAL ENGINEERING



ON THE COVER

The first cover of this magazine (far left), published on Aug. 1, 1916, featured a photograph of a naval aviation camp along the coast of Bay Shore, New York. What made the black-and-white image unique is that it was taken from an airplane. The NASA photo on this issue's cover was taken from an even higher vantage point: It shows two Dove imaging satellites released by the NanoRacks CubeSat deployer on the International Space Station. A report on the growing small-satellite sector in the U.S. and its implications for the launch industry begins on page 54. Also in this issue: Longtime readers help Aviation Week celebrate its 100th birthday with their memories of the magazine (page 46), and we zero in on emerging technologies that will help shape the aerospace and aviation industries' next century (page 38). Aviation Week publishes a digital edition every week. Read it at AviationWeek.com/awst and on our app.

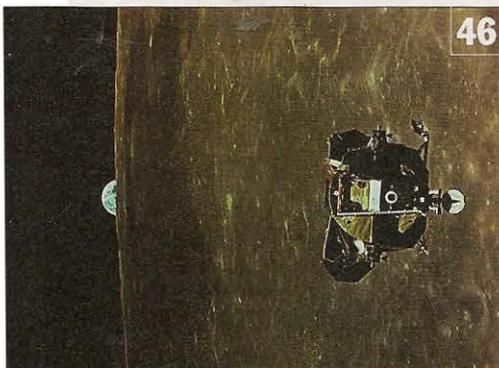


26

COMMERCIAL AVIATION

31 Longer-range narrowbody aircraft open fresh opportunities—and competition—on long-haul routes

33 Adding larger Airbus A321neos, AirAsia underlines its confidence in business model and prospects



46

POLICY

36 FAA extension is fraught by looming privatization of air traffic management and other issues

36 Congress gives the FAA more time and money to develop specific regulations for UAVs

TECHNOLOGIES OF THE FUTURE

38 With more than 100 years of technology advances behind it, what lies ahead for aerospace?

READER MEMORIES

46 Our readers share how they found Aviation Week and what sparked their passion for air and space

SMALL SATELLITES

54 U.S. industry grapples with keeping smallsat operators viable without dedicated launch services

56 DARPA funds lightweight laser communications terminals that could have commercial application

SPACE

57 NASA opens the door to a private-sector economy in low Earth orbit with private-module concept



34

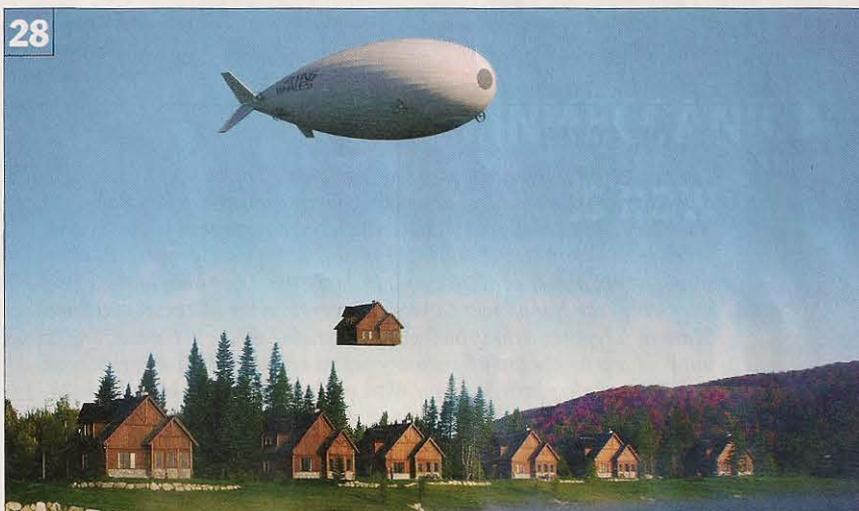
FACE TO FACE

60 Marilyn Hewson, Lockheed Martin CEO, on innovation, the F-35, Sikorsky, Brexit and U.S. election

VIEWPOINT

66 Abandoning its role as a leader of global alliances like NATO will not make America great again

28



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