The Orbit Carbon Observatory begins a two-year mission to assess CO₂ levels in the Earth's atmosphere.

FAA's Margaret Gilligan wins the L. Welch Pogue Award for her effect on aviation safety.

First production of the HondaJet takes to the skies, bringing the aircraft closer to certification in early 2015.

Rollin King dies, was a founder, president and onetime largest shareholder of Southwest Airlines.

NASA tests aim to see whether hybrid and distributed electric propulsion could be next for civil aviation.

Propulsion revolution starts small, with prototype hybrid-electric vertical-takeoff unmanned system.

Boeing hopes further improvements will make 747-8 more attractive for passenger airlines.

Sukhoi increasing Superjet 100 production while striving to improve its only air transport product.

Chinese move into budget aviation is gathering strength, with majors converting subsidiaries to LCCs.

DEFENSE

U.K. Tornadoes being fitted with airborne collision warning systems but five years before they leave service.

Dutch halting deliveries of NH90 naval helos until the manufacturer can mitigate corrosion issues.

FACE TO FACE

Lockheed Martin CEO addresses issues the company will face after the F-35 is in service.

ROTORCRAFT

Combat Rescue Helicopter to benefit from maturity, scale of Sikorsky's UH-60M program.

EUROPEAN FIGHTERS

JAS 39E emerges as aircraft sharing little with the earlier version, but costing less to acquire and operate.

Crown jewel of Europe's fighter weapon industry isMBDA's Meteor ramjet-powered air-to-air missile.

European governments and industry investing in modernizing electronics to keep programs competitive.

Addition of two capabilities on latest Typhoons should help them take on more of the ground-attack mission.

ON THE COVERS

This week, Aviation Week publishes two editions. The far left cover photo from Dassault features one of the company's Rafale fighters in a heavyweight configuration that was tested this year. It carries six air-to-air missiles, six Sagem A2SM guided bombs and three 2,000-liter fuel tanks. A special report on European fighter upgrades begins on page 32. Elsewhere in both editions are an interview with Lockheed Martin CEO Marillyn Hewson (page 28) and reports on electric aviation (page 18) and the next steps for the Boeing 747-8 (page 21). Our MRO Edition includes a report on parts-buying essentials—from demand forecasting to parts logistics and distribution. Its cover photo from ADW Aviation shows the firm's state-of-the-art warehouse and logistics complex near London Gatwick Airport.
July 7, 2014

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On the Web

A round-up of what you're reading on AviationWeek.com

Aviation Week editors will be on the ground at the Farnborough air show to bring you highlights and insight—and news, photos, videos and blogs. Keep up with the latest and download our free app at AviationWeek.com/Farnborough

F-35 UPDATE

Our editors discuss some of the current issues surrounding the Joint Strike Fighter, including its role in international fleets, in the Check 6 podcast this week. Check 6 is also available for subscription on iTunes. AviationWeek.com/podcast

Qatar is planning to acquire more fighters, and that could affect the fate of its Mirage 2000s. Tony Osborne got a rare look at the jets when he attended Anatolian Eagle out of Konya Airbase in Turkey. ow.ly/yHQG8 AviationWeek.com/Ares

Speaking of the JSF, the question of whether the F-35B, the Stovol variant the U.K. is buying, will be ready to go England in time for the Farnborough air show provoked a lively online discussion. RSM wrote: "I worked on the B-58 from 1953 until 1955. It began flying about 1956. By the time it had flown about as much as the F-35B has flown, about 10 aircraft had become smoking ruins killing most of the aircrews. Be glad that with current simulation and thorough and cautious testing there has been no loss of life or airframes of these marvelous aircraft." ow.ly/yHI8J

Search fleets of hundreds of military services, airlines and business aviation operators. You can search by manufacturer, aircraft type or operator name. AviationWeek.com/AWIN