

**AVIATIONWEEK**  
& SPACE TECHNOLOGY



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**THE TRUMP ERA**

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**DEFENSE**

**24 U.S. Air Force F-35s** prepare for first overseas deployment as part of theater security package in 2017

**26 Raytheon demos** high-power microwave technology that could reduce military threat from drones

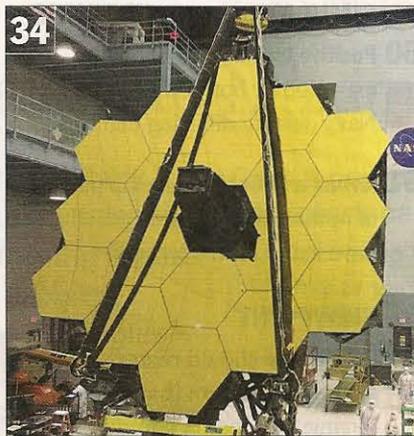
**41 RAF Eurofighter Typhoons** prevailed in exercise against Malaysian Flankers, UK says



**55** The U.S. Army has adopted the Future Airborne Capability Environment—aiming for avionics software portability between aircraft—for its Future Vertical Lift mission system, whichever rotorcraft it selects.

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**ON THE COVER**

Lockheed Martin Sikorsky's S-76B SARA autonomy testbed flies with a modified Cessna Caravan over the ground-station van at Poughkeepsie, New York, in a demonstration of advanced cockpit automation under DARPA's ALIAS program (page 57). Sikorsky photograph by Ted Carlson. Elsewhere in this issue are columns and analysis of the implications of Donald Trump's election as U.S. president (pages 13, 16, 18-22 and 66), a special report on the growing practice of hiring contractors to test the mettle of military pilots (page 36) and a look at a truly portable and reusable software developed for airborne applications (page 55).

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