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AIR TRANSPORT

32 British Airways parent now far ahead of European legacy peers in adjusting to life in the low-cost era

36 *Seaborne takeoffs and landings for the Lockheed Martin F-35C from the USS Nimitz off San Diego marked a historic achievement for the \$400 billion project after a summer marred with disappointments.*



ANDY WOLFE/LOCKHEED MARTIN

BUSINESS

35 Despite strong backlogs in its civil aviation business, other elements force accelerated Rolls restructuring

ZHUHAI 2014

38 Strong patterns emerge as China's defense industry and armed forces roll out new arms and technologies

DEFENSE

36 Pair of F-35Cs completes their first series of arrested landings and catapult takeoffs from the carrier

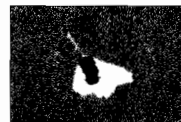
40 Chinese airlifter as big as the C-130 will go into service in the 2020s if Shaanxi Aircraft gets the go-ahead

ON THE COVER

This week, Aviation Week publishes two editions. On the cover of both, a Lockheed Martin F-35C, CF-03 from Navy Air Test and Evaluation Squadron VX-23, banks in its approach to the USS Nimitz off San Diego. The U.S. Navy photo is from an F/A-18 chase aircraft. The F-35's landing marked the start of an intense two-week at-sea development test for the Joint Strike Fighter (see page 36). Elsewhere in both editions are reports on International Airlines Group (page 32), Rosetta's comet lander (page 26) and the failure of Antares (page 31). Our Defense Technology edition includes an additional section of articles.



40 The projected Chinese Y-30 would have almost the same gross weight as the C-130 and KC-390.

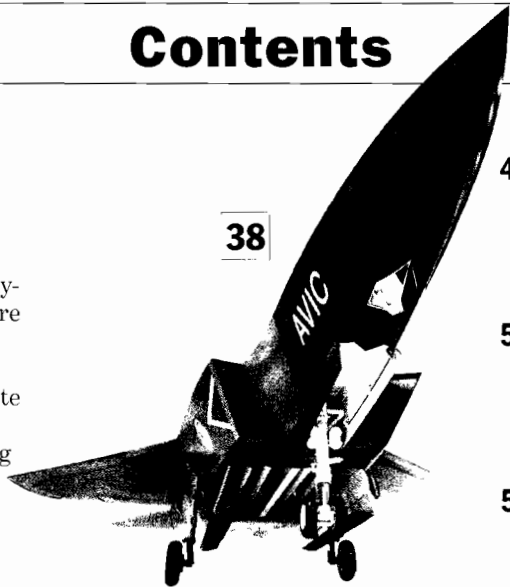


28 SpaceShipTwo crash investigation focuses on human factors and test procedures.

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