

Winner 2013



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AVIATION WEEK

& SPACE TECHNOLOGY



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Airbus Helicopters EC725 Caracal is one of three helicopters being considered by the Polish government as its defense budget increases. The EC725 will be competing with the Sikorsky S-70i International Black Hawk and Agusta Westland AW149.

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THE WORLD

10 Singapore begins advanced pilot instruction on its M-346 Master jet trainers at French base

12 Cockpit crew blamed for too-low approach in poor visibility in crash of Lion Air 737-800 at Bali in 2013

DEFENSE

22 Long-delayed F-35 operational debut at risk of further slippage due to a safety-critical engine problem

24 Navair's surprise launch of a V-22 alternate engine study comes as Rolls tests latest upgrade

25 Airbus Group wants to make Poland its fifth domestic market in Europe, if chosen for lucrative contracts

26 Purchase of new battlefield helicopters is first phase of an eight-year Polish forces modernization plan

50 F-35 may not land on HMS Queen Elizabeth until '18, but U.K. is ensuring the aircraft is ready for ops

SPACE

27 Airbus has been quick to catch up after trailing Boeing in sales of new all-electric spacecraft

28 ESA version of Ariane 6 replaced by two-launcher strategy using cryogenics for core and second stages

AIR TRANSPORT

29 Bombardier's CSeries faces increased skepticism as customer Malmo Aviation postpones order

30 Xiamen Airlines will use the 787 not to make money but to help lift the economy of its home city

31 Lengthy restructuring process needed to make Malaysia Airlines viable is only just beginning

32 Qantas betting its aggressive cost-cutting campaign will be sufficient to spark a turnaround by year-end

34 Spirit Airlines' growth plan calls for adding a net 100 aircraft and gaining a 5% market share

35 Southwest pilots on approach to begin data-linking wind and weather data directly into the FMS

36 TSS designed to streamline transitions between en route, terminal and control tower environments

MARS MISSION

38 Scientists, controllers prepare for a rush of activity at Mars where new spacecraft are to arrive this month



41 Arrival of comet at Mars to allow study of a primordial object from the outer reaches of the Solar System

42 As countdown continues for India's Mars Orbiter Mission, key players have more curiosity than concern



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FACE TO FACE

48 Iridium CEO and Aireon president discuss status of Iridium NEXT and Aireon's plans to exploit it



PROPULSION

52 Electric-powered light aircraft coming and manufacturers are pushing for certification standards

BUSINESS

54 Spirit AeroSystems' turnaround credited to strategic review and management's ability to cut costs

VIEWPOINT

58 Pratt & Whitney: F135 is living up to its promise as the propulsion system for the F-35

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