

**WEEK**

& SPACE TECHNOLOGY



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**THE WORLD**

- 15** **International carriers** becoming increasingly wary post-terrorist attack at Pakistani airport
- 16** **SpaceX and ULA** poised to duel for National Reconnaissance Organization mission

**AIRSPACE MANAGEMENT**

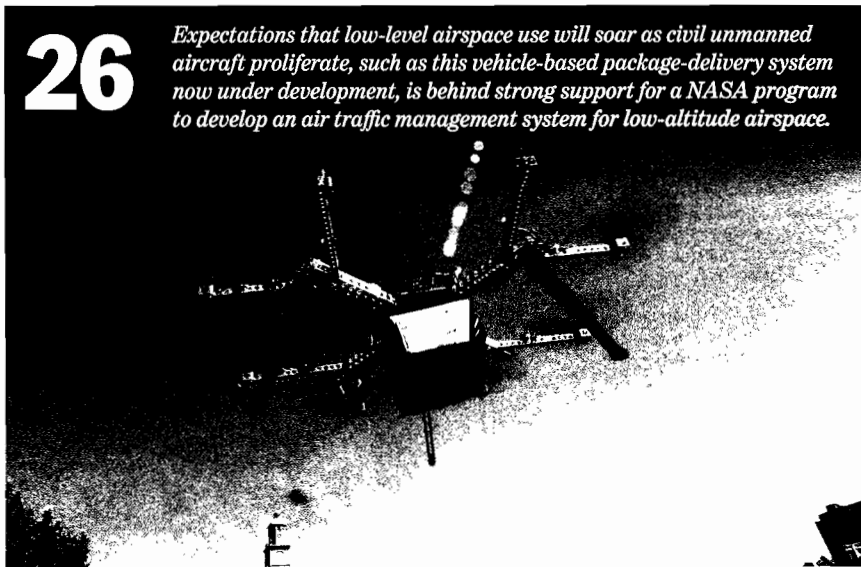
- 26** **U.S. space agency plans** to develop low-airspace management systems for small UAS
- 28** **NASA identifies** key barriers to and guidelines for introducing autonomy into civil aviation
- 29** **Oversight group** is assembled to help bring more credibility to FAA's NextGen system

**DEFENSE**

- 31** **With the A400M** now in service, Airbus is looking to secure more airlifter orders

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*Expectations that low-level airspace use will soar as civil unmanned aircraft proliferate, such as this vehicle-based package-delivery system now under development, is behind strong support for a NASA program to develop an air traffic management system for low-altitude airspace.*



- 32** **Russia is supplying** U.S.-purchased Mi-17s to Afghan national security forces
- 53** **Airbus buoyed** by new U.S. Army plans to buy 100 UH-72 two-engine light utility helicopters as trainers

**FACE TO FACE**

- 33** **IAI President/CEO** talks about company's expansion plans, build-up of its civil aviation business

**BUSINESS**

- 34** **Acquisition of Skybox** means Google extends its aerospace reach, imaging capabilities
- 34** **B/E Aerospace's decision** to split into two companies leaves many guessing about new direction
- 35** **Congressional advocates** of upstart and legacy space service providers take sides

**AIR TRANSPORT**

- 36** **Airbus loses major** A350 customer, Emirates, as aircraft edges toward certification
- 38** **Air Canada** makes another attempt to establish a viable lower-cost affiliate
- 40** **Russo-Chinese widebody** could be designed for moderate range to avoid 787 competition
- 42** **Allegiant has gone** further than its peers in turning the accepted wisdom of the airline model on its head
- 44** **Ultra-low-cost-carrier** model shows airlines can achieve financial performance that legacies can't match
- 46** **Hong Kong** considers expanding its new airfreight terminal, mindful of competition from mainland China

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## PROPULSION

**47 China launches** civil engine projects, but the ability to verify their safety is confirmed to be lacking

**48 Avic working** on advanced turbofans and three smaller engines based on a common core

**50 China is close** to volume production of aero-engines that can handle higher internal temperatures

## SAFETY

**51 Airlines turn** to simulator industry for help with upset prevention and recovery training

## INTELLIGENCE

**54 Exelis testing** exportable wide-area airborne surveillance payload that can be carried by smaller UAS

## VIEWPOINT

**58 Congress should adapt** a Reaganesque approach to U.S. Export-Import Bank

