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& SPACE TECHNOLOGY



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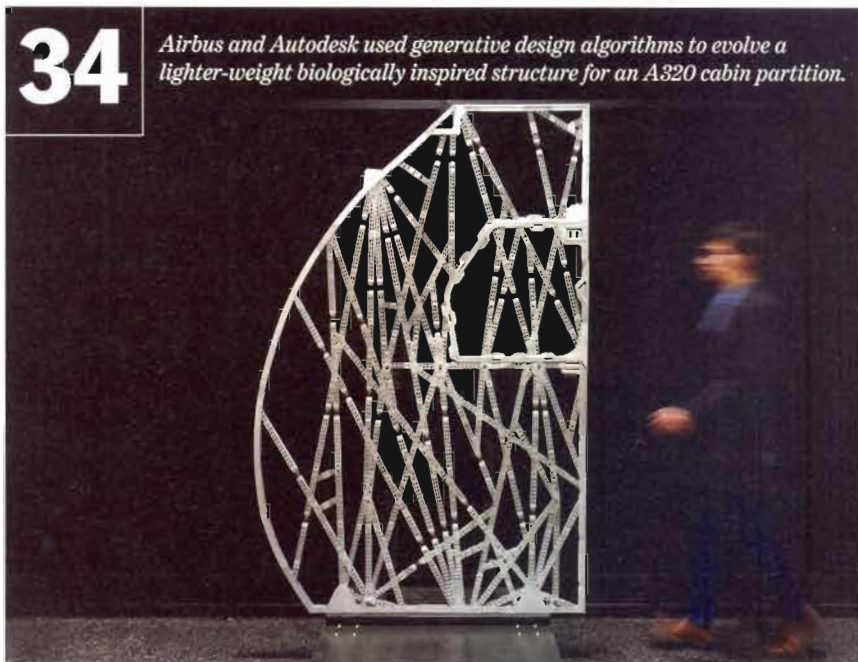
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ON THE COVER

Aviation Week rode in a U.S. Air Force F-16D for a flight test of Auto-ICAS, the world's first combined automatic air and ground collision-avoidance system, that included maneuver activations like the one pictured from an earlier flight involving four F-16s. The report begins on page 51. Christopher Higgins/U.S. Air Force photo. Also in this issue: Investigating recent U.S. military hypoxia-like incidents (page 58), progress in Boeing 777X development (page 40), the changing face of aerospace design (page 34), and Germany considers the F-35 (page 20). Aviation Week publishes a digital edition every week. Read it at AviationWeek.com/awst and on our app.





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Behind the Scenes

Senior Editor **Guy Norris** (suited up inside aircraft) rode in an F-16D flown by Maj. Jameel Janjua (at right in photo), lead test pilot for an Air Force Research Laboratory-led flight test and demonstration at Edwards AFB, California, of the Automatic Integrated Collision Avoidance System (Auto-ICAS) developed by the U.S. Air Force and Lockheed



Martin (see page 51). Auto-ICAS, which protects combat aircraft against ground and air collisions simultaneously, builds on a ground collision system that has saved six F-16s and seven pilots since being introduced in 2014.

CHRISTOPHER OKULA/U.S. AIR FORCE

Step INSIDE

What's Next in Global Aerospace and Defense



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