

AVIATIONWEEK[↑]

& SPACE TECHNOLOGY

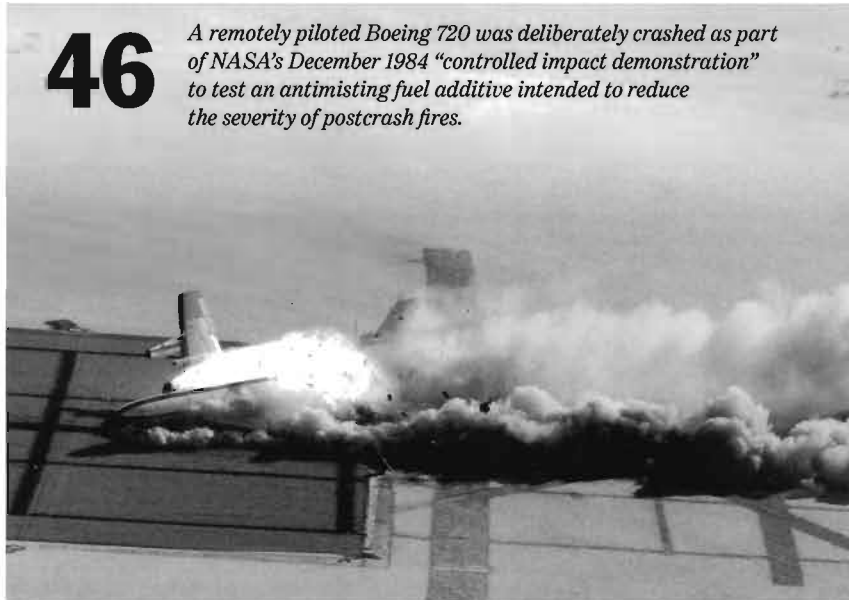


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A remotely piloted Boeing 720 was deliberately crashed as part of NASA's December 1984 "controlled impact demonstration" to test an antimisting fuel additive intended to reduce the severity of postcrash fires.

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BUSINESS

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DEFENSE

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ON THE COVER

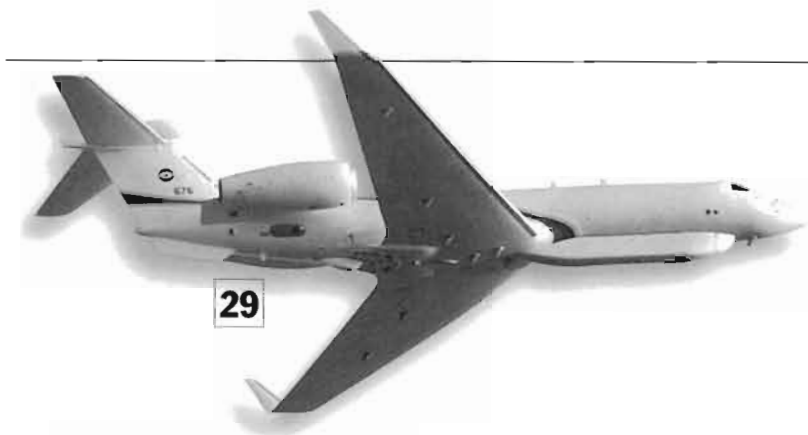
Israel is making strides in simulation, weapons and sensors. A special report details the advances and explores the unique Israeli defense culture and how it breeds new ideas (page 41). A Smart Quad Rack for the Spice-250 glide bomb is just outboard of the external fuel tank on the right wing of an F-16 in the Rafael photo on the cover. Also in this issue are reports on the reorganization of Finmeccanica (page 37) and new tools for flight operations (page 52) and a columnist's view of why the A380 was a smart move for Airbus (page 12). Aviation Week publishes a digital edition every week. Read it at AviationWeek.com/awst and on our app.



- 37 A restructuring process** is transforming Finmeccanica and helping it renew focus on its core aerospace and defense business



- 52 Next-generation flight** operations will be ruled less by new technologies than by creatively employing tools available now



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