

Features

18 America's Next Spaceship

In the Orion capsule, astronauts will take the first journey into deep space.

BY TOM VANDERBILT

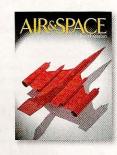
26 Triple Threat: High, Hot, and Heavy

Survival tip for helicopter pilots bound for Afghanistan: Sign up for this training in the Rockies.

BY ED DARACK

ON THE COVER:

Before there was an SR-71 Blackbird, there was an idea interpreted in a scale model. Chad Slattery photographed a gallery of never-before-revealed objects from the Skunk Works. Story, page 38.



32 The Accidental Record Setter

We've all heard of Lindbergh. Why don't we know about the first pilots to cross the other ocean? BY PAUL GLENSHAW

38 PHOTOESSAY

Secrets of the Skunk Works

A 70th anniversary revelation from the Department of Hush-Hush.

BY CHAD SLATTERY

46 When Slower Was Faster

When supersonic F-100s competed for the Bendix trophy, what won the race wasn't speed.

BY EILEEN BJORKMAN

50 Al Gore's Satellite

Two administrations later, a satellite watching climate change gets its day in the sun.

BY CRAIG MELLOW



56 Where to Buy an Aeroplane

Got a hankering for a Sopwith Pup or a Nieuport 17? Here's your man.

BY PRESTON LERNER

60 Before the Fall

A pilot on the BD-5J aerobatic team remembers the 1975 airshow crowds, Jim Bede, and the thrill of flying the world's smallest jet.

BY DEBBIE GARY

Departments

- Viewport Record setters and risk takers
- 4 Letters
- Soundings Mojave
 Air & Space Port Fly-in
- 12 Above & Beyond Corsair v. Kamikaze
- 14 Bill Sweetman Technically Speaking SSTs?
- 16 In the Museum Bright stars, new show
- **66 Sightings** Eying upside down
- 68 Reviews & Previews Books, iPad apps, more
- 72 Credits
- **74 Forecast** Coming in future issues
- One More Thing Jimmy Doolittle's tablecloth