

DEPARTMENTS

EDITOR'S NOTEBOOK

What would the Wright brothers do?

INTERNATIONAL BEAT

Composites manufacturing; Galileo satellites; Iran and aviation

IN BRIEF

Asteroid collection device; commercial satellite imagery

ENGINEERING NOTEBOOK

Roiling seas? No problem

CONVERSATION

Airplanes guy at 'space agency'

THE VIEW FROM HERE

Why astronauts train in planes

CASE STUDY

Meet Lotus: Two aircraft in one

SCHOOL ZONE

Upside of Mars One venture

BOOKS

Decloaking aviation's famous duo

OUT OF THE PAST

CAREER OPPORTUNITIES

FEATURES

FIRE DRONES

Unmanned planes have hunted terrorists for more than a decade. But these aircraft haven't been widely enlisted in the battles against deadly wildfires. Some government managers and firefighters aim to change this.

by *Debra Werner*

VIEWPOINT: DON'T FEAR CYBER DISCLOSURE

Airlines should welcome, not squelch, responsible disclosure about potential security loopholes as a defense against future attacks.

by *Tim Erlin*

UNMANNED BUT NOT UNSEEING

The specter of an unmanned aircraft colliding with a passenger plane is driving sense-and-avoid research.

by *Henry Kenyon*

ÜBER FLIGHT COMPUTER

The Germanwings crash has shone fresh light on the possibility of taking over an airliner via computer in an emergency. However, an all-powerful flight computer appears to be a long way off.

by *Debra Werner*

BULLETIN

AIAA MEETING SCHEDULE

AIAA NEWS

AIAA SPACE 2015 EVENT PREVIEW

AIAA COURSES AND TRAINING PROGRAM

ON THE COVER

An MQ-9 Reaper on a runway with a super-imposed fire image. Photo illustration by Jane Fitzgerald

2

4

8

10

14

18

20

24

26

46

48

28

32

34

40

B2

B5

B13

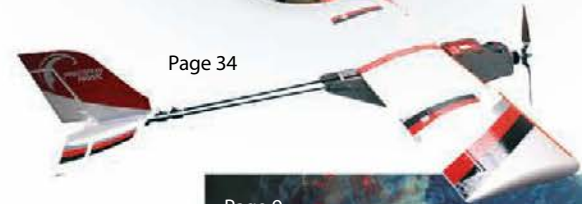
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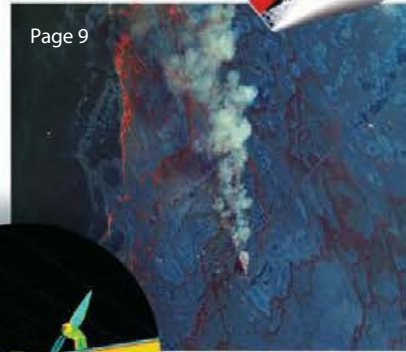
Page 40



Page 4



Page 34



Page 9



Page 20



Page 18