

# AVIATION WEEK & SPACE TECHNOLOGY

A PUBLICATION OF THE McGRAW-HILL GROUP JUNE 9, 1997

GLOBAL  
COMPETITIVENESS

**THIS YEAR'S  
TOP-GUN  
COMPANIES**

**PAGE 48**



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# AVIATION WEEK & SPACE TECHNOLOGY

## About the Cover

Aerospace/defense contractors worldwide are engaged in fierce competitive battles, but like these U.S. Air Force F-15E Strike Eagle pilots, only a handful emerge each year as "top guns" (see p. 48). Photo by Rick Linares/Dash 2 Aviation Photography.

### HEADLINE NEWS

#### French left wing to reorient aerospace

Newly elected coalition prepares to turn industry on its head

#### Eurofighter 2000 reaches critical stage in Germany

Defense head expects solution to budget problems next month

#### DARPA pitches small sats for tactical reconnaissance

Could track mobile targets, relay images within seconds

#### C-17 focus of advanced manufacturing techniques

All-composite horizontal stabilizer, new nacelle design on the way

#### U.S. Navy resuming T-2C operations

After flight control anomalies

#### Hyper-X undergoes review

Small air-breathing vehicle to fly at seven times the speed of sound

#### Lockheed Martin teams with 'Intelsat of the East'

New venture to combine Western technology with orbital slots

#### TRW, Hughes to begin work on advanced satcom processor

USAF pacts aimed at reducing schedule and technology risk

#### Balky solar arrays afflict Goes-10

Quit tracking Sun; spacecraft in powered-down safe mode

### AIR TRANSPORT

#### Program underscores need for improved flying skills

Course calls for return to basic airmanship to help cut accidents

#### KAL growth to soar with new Seoul airport

Implementing \$10-billion plan to double passenger, freight fleets

#### Southwest Airlines earns top honors from passengers

For service, on-time performance

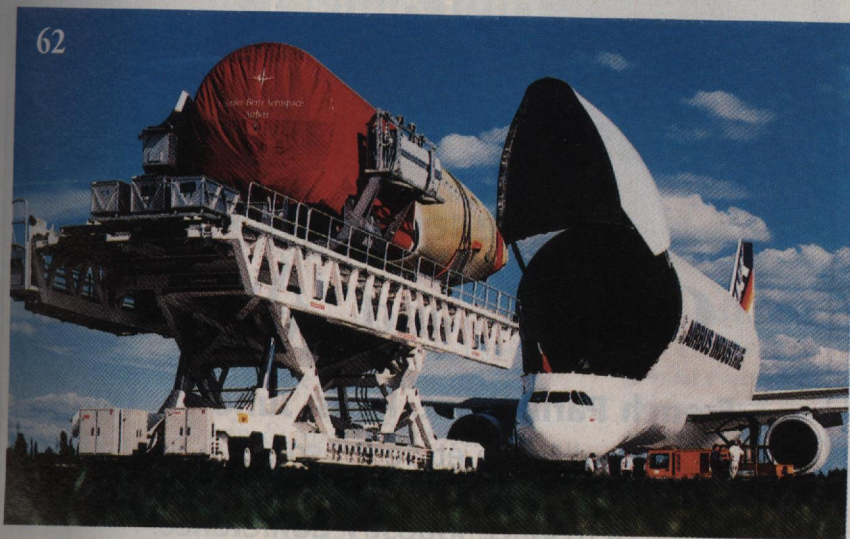
#### Asian competition prompts Qantas to modernize fleet

Move toward individual in-flight entertainment systems also cited

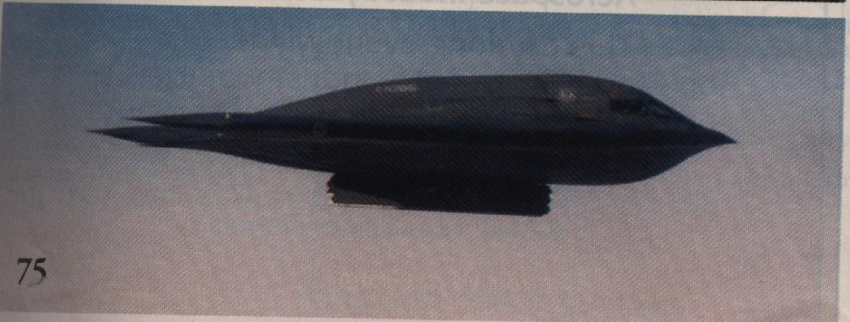
#### Brit air aligns with Air France

Will be link to Paris CDG

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<http://www.awgnet.com>

Aviation Week's Web site offers selected articles from the current issue, daily news updates, the Safety Resource Center, a gallery of photos and features from special issues.

Join our next weekly chat session on CompuServe June 15 at 9 p.m. EDT; just GO AWGFORUM.

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## AVIONICS

### New GPS policy attempts to resolve key user issues

U.S. to add civil-use navigation signals on second GPS frequency 42

### Traffic adviser developed for general aviation

To provide low-cost traffic alerts 42

## AEROSPACE BUSINESS

### Management team: 'New Era' emerging at Lockheed Martin

To focus more on increasing revenues and less on expanding 44

## INDUSTRY REPORT CARD ON COMPETITIVENESS

### U.S., Europe struggle for competitive advantage

Surges in competitiveness of U.S. companies raise stakes for rivals 48

### Benchmarking tool retains basic focus

Index designed to make concept of 'competitiveness' concrete 49

### Index points to weakness in U.S. market response

Window may be opening for those who can satisfy customers faster 50

### U.K. industry warns of decline without action

Looks to new government to provide more concrete support 58

### French industry makes efficiency gains

Cost-cutting improves productivity, enhances competitiveness 62

### German cost-cutting begins to pay off

Industry starts to make headway toward being more competitive 64

### Alenia expects markets to improve in 1998

To hire again, although some think Europe still has excess capacity 67

### Survey underscores shift in management emphasis

Strategies that helped companies during downturn take firmer root 69

### Ladish turnaround: lesson for industry

Had to face extinction before resolving to take control of its destiny 70

## AERONAUTICAL ENGINEERING

### Boeing, 3M envision paintless JSF

Use of appliques would greatly reduce paint-related JSF support 72

## SPACE TECHNOLOGY

### New data, same doubts on small comet theory

Phenomenon could be responsible for knocking out satellites 73

## WEAPONS ENGINEERING

### Test drops of B61-11

penetrator weapon continue To define repackaged weapon's aeroballistic dispersion patterns 75

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Aviation Week & Space Technology will sponsor an executive briefing on aerospace global competitiveness at the Paris air show. The event is scheduled for 12:30-2 p.m. on Monday, June 16, at the Le Bourget airport auditorium. Seating can only be guaranteed by reservation. For more information or to reserve a seat, call Chris Meyer at (212) 512-3255, fax (212) 512-4225.

