The McGraw-Hill Companies

www.AviationNow.com/awst

\$6.00 JANUARY 26, 2004

& SPACE TECHNOLOGY

Flying the

Page 40

000019850970 JUL 04 002 CADOC APPEL DU LIBRE 3206 CDE 02/113 CLIENT 6 105 RUE DE CHARENTON 75012 PARIS FRANCE ...

AW&ST January 26, 2004 Contents Volume 160 Number 4





29 Gulfstream boosted operating earnings through stringent cost controls and high productivity.

40 US101 partners counting on experience of variants.

Correspondence

- Who's Where
- Market Focus
 - Industry Outlook
 - Airline Outlook
 - In Orbit
- World News Roundup
 - Washington Outlook
 - Contrails
 - World Business Watch
 - Classified
 - Contact Us
 - Aerospace Calendar

WORLD NEWS ROUNDUP

- 18 Boeing, three Japanese firms in contracts for 7E7 work
- 18 LockMart, Boeing teams win TSAT development pacts

- 19 Thales moves could signal more defense consolidation
- 19 SES Global to expand new transoceanic satcom unit

WORLD NEWS & ANALYSIS

- 22 NASA, industry shift gears to develop shuttle replacement
- **24** Even without servicing mission, Hubble must go
- 25 Milspace, other goals could blunt ESA's Mars ambitions
- 26 India sees Bush plans building on new cooperative spirit
- 27 First major setback for Mars Exploration Rover Spirit
- 29 U.S. contractors banking on growth in military revenues
- 30 Dollar-euro imbalance alarms European industry
- 31 Services consider adjusting spending plans on bombers

www.Aviationnow.com/awst

FREE TO SUBSCRIBERS

For the complete current issue, archives and more, go to: www.Aviationnow.com/awst

- **33** U.K. Defense Ministry told: Remove rose-colored glasses
- **33** Lawmakers expected to examine JSF problems closely
- **34** Slight increase in defense spending for Japan

AIR TRANSPORT

- **35** American, Continental gain despite market, fuel prices
- **36** Southwest, other low-cost airlines will increase pressure
- 37 JT8D vibration, inflight shut downs hit JAS fleet
- **38** Airline COOs huddle on passenger privacy
- 39 American's O'Hare market share shrinks with de-peaking







31 B-1 will be considered in long-range strike plans.

22 "Evolvability" of OSP stressed.

Hubble could become testbed for lunar missions. 24

25 Europeans also have Mars ambitions.

EH-101 PILOT REPORT

40 EH-101 abilities, teaming viable for presidential role

AVIONICS

46 EFVS could increase pilots' situational awareness

DEFENSE

- **47** USAF widens Pacific cooperation, copes with aging fleet
- 48 NATO expecting to send more aircraft to Afghanistan
- **48** Helo vulnerability fuels search for EW protection
- 50 Missile interceptors may carry dozens of kill vehicles

EDITORIAL

58 Bush's space plan: Bold vision or 'Moondoggle'?

ABOUT THE COVER

Royal Air Force Merlin Mk. 3 version of the EH-101 flies near the New York skyline during recent operations. Two of the AgustaWestland EH-101s have been flying in the U.S. for nearly three months. They are currently at the U.S. Navy's Patuxent River, Md., facility undergoing evaluation. The U.S. team of AgustaWestland, Lockheed Martin and Bell has entered the US101 version of the EH-101 in competition against the Sikorsky S-92 to be the next presidential helicopter, with proposals due Feb. 2. Sheldon Cohen photo.

U.S. low-cost carriers post fourth-quarter financials.

