

AVIATION WEEK

TECHNOLOGY

A PUBLICATION OF THE MONTHLY AVIATION NEWS

NOVEMBER 17, 1997

THE ADVANCE OF AIRLINE ALLIANCES

PAGE 54

Delta



0300 006091342 S03 0198 000001
LIBRIS 7999 *
144 BLVD KRIM BELKACEM 032 *
ALGER
ALGERIA

Libris

**WILL INFLIGHT
ENTERTAINMENT
DELIVER?**
PAGE 45

AVIATION WEEK & SPACE TECHNOLOGY

About the Cover

Delta Air Lines and Swissair are part of a transatlantic alliance that also comprises Sabena Belgian World Airlines and Austrian Airlines. Their "Atlantic Excellence Alliance" is one of a growing number of global airline partnerships (see p. 54).
Photo by Joseph Pries.



HEADLINE NEWS

- Pentagon reforms spark concerns**
Uncertainties about promotions, spending cuts worry planners 30
- Congress junks Clinton's military construction vetoes**
Theater air and simulation and training facility is one item saved 32
- 'Fast track' trade bill faces difficult future**
President pledges compromise on related labor, environmental issues 33
- Boeing receives NATO, Air Force contracts**
Major AWACS upgrade included 33
- Raytheon readies final bid for Astor**
System based on Global Express 35
- Mars mapping mission delayed, shortened**
Damaged solar panel necessitates changes in aerobraking process 36
- Ariane 44L orbits TV satellites**
Swedish, Indonesian spacecraft 37
- Unusual H-2 launch date for NASDA, NASA payloads**
One to study weather, other is target for rendezvous and docking 38

AIR TRANSPORT

- Currency crisis shakes Asian carriers' outlook**
Forecast sees some airlines collapsing, others forming alliances 39
- Jet Airways receives 737**
Orders 10 aircraft, 10 options 40
- Aviation authorities endorse ICAO's new safety drive**
Expansion of program for managing inspections of aviation agencies 41
- Canada loses 40 inspectors**
New approach to checks blamed 42
- U.S., U.K. simulator accord is model for similar pacts**
Allows for reciprocal acceptance of evaluations 42
- Airbus plans further production increases**
Stronger than expected sales cited 43

<http://www.awgnet.com>

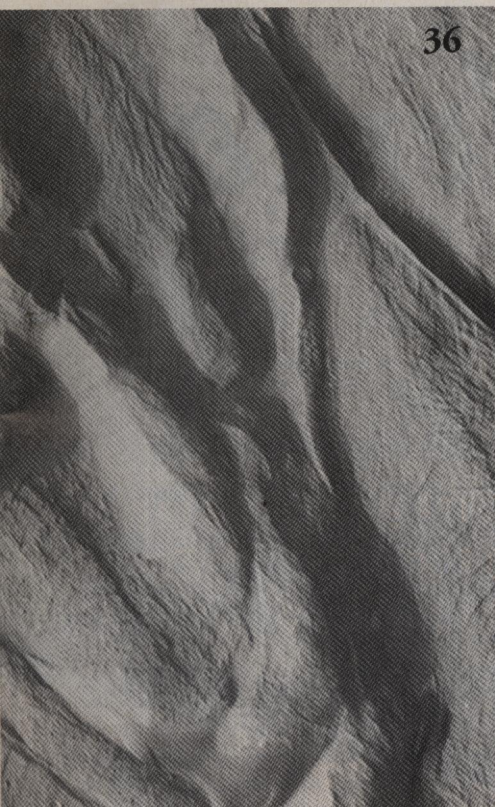
Aviation Week's Web site offers selected articles, daily news updates and the Safety Resource Center. It's also a great jumping off spot for surfing to other aerospace sites.

Visit our redesigned section on CompuServe and join the AWG Forum, or jump directly to key areas on our Web site, just GO AWG.

- Alaska order launches \$2-billion week for Boeing**
First commitment for 737-900 44
- Delta set to expand transatlantic services**
Adds five routes, drops two 44

INFLIGHT ENTERTAINMENT

- IFE vendors grapple with technology issues**
Products often fail to live up to manufacturers' claims 45
- Sony's Passport to get tryout on South African 747-400s**
Provides programs for more than 500 seats simultaneously 47
- Program rigor key to IFE reliability**
Problems blamed on poor program management discipline 49
- LiveTV venture awaits first customer**
Goal: Live shows for passengers 52
- Rockwell targets IFE market**
Could be first time major electronics supplier enters IFE business 53
- AIRLINE ALLIANCES**
- Proliferating partnerships face increased scrutiny**
Level of integration and technology raises new questions about whether public good is being served 54



New carrier relationships create complexities in Europe

Supranational alliances often governed by conflicting regulations 61

Unique industry facets shape Europe's alliances

Sense of national pride, airport constraints, use of charter airlines 63

Joint purchasing pursued by alliances

Will be years before concept can work for capital investments 65

Some carriers seek life outside the fold

Hope to grow while maintaining independent status, identities 69

Asia rethinking conservative approach

Open skies agreements, privatization drive airlines toward alliances 73

American, BA braced for lengthy reviews

Proposed alliance still languishes under scrutiny of regulators 76

KLM, Northwest renew vows, integrate oldest alliance

To provide uninterrupted service 77

Westward (and eastward) ho for airlines in Eastern Europe

Turning to alliances with U.S.-based airlines to foster growth 79

Latin American teams push power, safety

To expand route networks 82

Air Afrique shows how multi-partner carrier can work

Survives political crises, European carriers' aggressive competition 83

CRS promise added benefits for aggressive alliances

As organizations seek to reduce costs, exploit strengths of partners 84

Economics drives European linkups

Enhance visibility, revenues 87

U.S. regionals expand web of partnerships with majors

To help reach new markets 90

INFORMATION TECHNOLOGY

Computer export rules trigger security debate

Loophole allows exporters to determine if customers are safe 92

V-22 cockpit features five-tube display

To improve presentation of data 92

INTERNATIONAL PRODUCT NEWS

Crew-tracking software to use artificial intelligence

So it can satisfy many airlines 94

LCD strips boost taxiway, ramp vision

More visible than painted lines 95

DEPARTMENTS

Correspondence.....	6
Who's Where.....	8
Market Focus.....	19
Industry Outlook.....	21
Airline Outlook.....	23
Aerobyte.....	25
News Breaks.....	27
Washington Outlook.....	29
Filter Center.....	93
Classified.....	108
Contact Us.....	112
Aerospace Calendar.....	113

EDITORIAL

Cowardice aplenty on WMD114



Aviation Week & Space Technology editors will discuss emerging trends this Friday on the new "Fox on Technology" program. The discussion will center on issues to be featured in future editions of the magazine. The Fox show airs live at 1:40 p.m. EST. Consult your local listings for the time and cable channel in your area.