

Cancelled 00-24

AC NO: 90-57

DATE: 2 Dec 71



# ADVISORY CIRCULAR

## DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION

**SUBJECT:** FAA SYMPOSIUM ON AREA NAVIGATION - PROVISIONAL AGENDA DIGEST

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1. PURPOSE. This outlines the Provisional Agenda for the FAA-sponsored Symposium on Area Navigation which will convene at The Washington Hilton, Washington, D. C., on 24-25 January 1972.
2. REFERENCE. AC No. 90-56, dated 28 September 1971
3. PROVISIONAL AGENDA DIGEST.

9:00 a.m., Monday, 24 January

Welcoming Remarks -- James F. Rudolph, Director, Flight Standards Service, FAA

FAA Overview -- Kenneth M. Smith, Deputy Administrator, FAA

Session Chairman - Michael J. Fenello, Vice President-Operational Coordination, Eastern Air Lines, Inc.

Inherent Safety in RNAV - Governor John H. Reed, Chairman, National Transportation Safety Board

Scheduled Operations Using RNAV in High-Density Corridor -

Captain Emil E. Glanz, Eastern Air Lines, Inc.

Time Referenced Navigation and Guidance - James Gannett, The Boeing Co.

Inertial Systems (DME/DME Update) RNAV Route Application - Survey Paper -

Charles S. Bridge, Vice President, Litton Systems, Inc.

Military Overview - Lt. Gen. George J. Eade, Deputy Chief of Staff, Plans & Operations, Headquarters USAF

Luncheon Speaker - John H. Shaffer, Administrator, FAA

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Initiated by: FS-60

Panel - Control-Computer-Display (Systems) - Moderator, Dr. Stanley N. Roscoe, Associate Director of Research, University of Illinois

Panelists - Dr. James J. McGrath, Anacapa Sciences, Inc.

Gil Quinby, Narco Avionics Division

F. W. Ungry, United Air Lines

Dr. John D. Warner, The Boeing Company

Donald Few, Sperry Rand Corporation

Ted Eisen, Bendix-Avionics Division

James Hobbs, Butler National Corporation

R. E. Wolin, Wilcox Electric, Inc.

Dr. C. A. Fenwick, Collins Radio Company

ATC Overview - William M. Flener, Director, Air Traffic Service, FAA

Application of RNAV to STOL Operations - Scott Crossfield, Division

Vice President-Flight Research and Development, Eastern Air Lines

Enroute and Terminal Procedures and 3-D Criteria - Earnest E. Callaway,

FAA, Oklahoma City, Oklahoma

7:00 p.m., Banquet Speaker - General James A. McDivitt, Manager, Apollo  
Spacecraft Program, NASA Manned Spacecraft Center

Master of Ceremonies - Robert Serling

8:30 a.m., Tuesday, 25 January

Session Chairman - J. Dawson Ransome, President, Ransome Airlines

RNAV in the Fourth Generation - Dr. Donald E. Findley, Deputy Assistant  
Secretary for Systems Engineering, Department of Transportation

3-D Steep Approaches - Dr. Dallas G. Denery, NASA Ames Research Center

RNAV Cost Effectiveness - Glen A. Gilbert, Butler National Corporation

American Airlines Experiences with Area Nav - Captain F. E. Illston,

American Airlines

Survey Paper, RNAV in General Aviation - George Denhofer, Product  
Manager-Electronics, Piper Aircraft Corporation

Survey Paper, RNAV in Executive Flight Operations - William P. Bolland,  
Chief Pilot, 3M Company

RNAV in the New York-Chicago Complex - Captain William R. Sonnemann,  
Director of Flying, Trans World Airlines

The Potential for RNAV in Europe - Austin Wallace, Eurocontrol

Panel - Charting and Way Point Computer Interface - Moderator,

Michael Huck, AOPA

Panelists - F. O. Diercks, National Oceanic and Atmospheric Admn.

Wayne A. Rosenkrans, Jeppesen Company

Alfred W. Reiter, Air Traffic Service, FAA

Ken Manning, Sperry Flight Systems Division

Luncheon Speaker - Charles C. Tillinghast, Chairman of the Board,  
Trans World Airlines, Inc.

Safety Aspects - David D. Thomas, President, Flight Safety Foundation

Airline Proposed Applications of Area Navigation in the ATC System -

Air Transport Association - RNAV SC

Panel - Operational Application and Requirements - Moderator,  
Stan Seltzer, Director, Air Traffic Control Research, American  
Airlines, Inc.

Panelists - Captain Ray C. Gerber, PAA/ALPA  
Captain Frank P. McCormick, AAL/APA  
Sig Poritsky, Air Transport Association  
Scott Flower, Pan American World Airways, Inc.  
Leo Boyd, Tennessee Eastman Company  
Max Karant, AOPA  
Joseph M. Fugere, Pilgrim Aviation & Airlines, Inc.  
George Cherry, NASA  
A. P. Flynn, United Kingdom

Symposium Summary - James T. Pyle, Director, Aviation Development  
Council

4. ATTENDANCE. Accommodations for the symposium may be assured by advance registration. Late requests will be accepted on a space-available basis. Persons planning to attend should promptly submit their name, title, mailing address, and organization to Federal Aviation Administration, 800 Independence Avenue, S. W., Washington, D. C. 20591, attention: FS-60, telephone 202 426-8241.

  
Director, Flight Standards Service