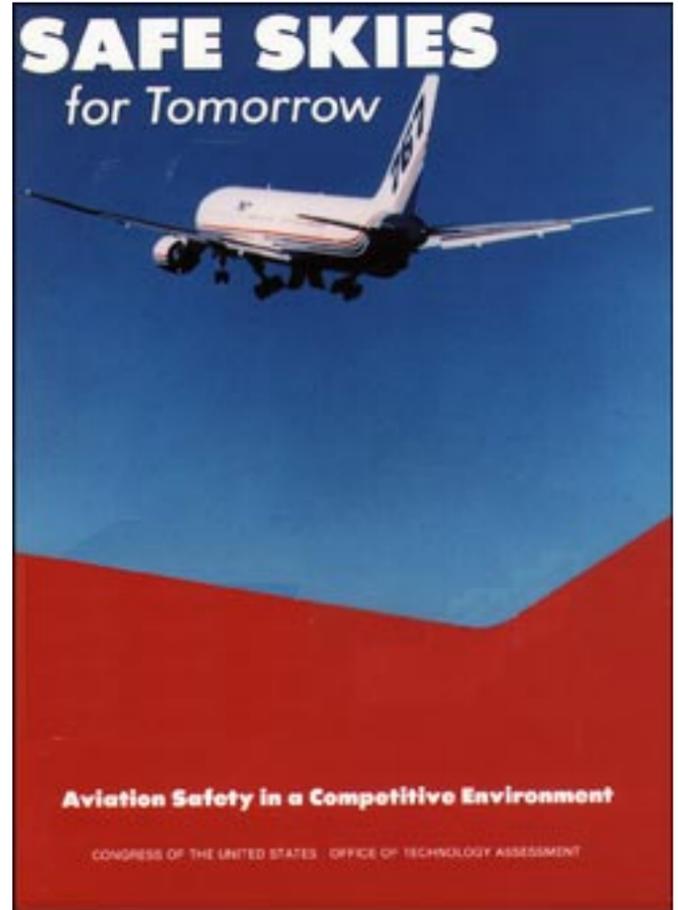


*Safe Skies for Tomorrow: Aviation Safety in  
a Competitive Environment*

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## Foreword

It has been 10 years since the Airline Deregulation Act of 1978 transformed the rules of the game for the commercial aviation industry. Although new entrants plunged into the market throughout the early 1980s, the industry had consolidated markedly by late 1987. While many of the major players remain the same, computerized reservation systems and hub and spoke scheduling have changed substantially the way airlines operate. Unquestionably, more Americans than ever are flying, and the safety record for commercial aviation in the United States remains among the best in the world. Nonetheless, even after many studies on the impacts of deregulation, questions linger about the adequacy of existing Federal safety policies and programs. The Committee on Public Works and Transportation and the Subcommittee on Government Activities and Transportation of the Government Operations Committee, both of the House of Representatives, asked the Office of Technology Assessment to determine how well existing safety policies, regulations, and technologies meet the government's responsibility for ensuring safety in commercial aviation. The study was endorsed by the Senate Committee on Commerce, Science, and Transportation.

This report contains the results of that analysis, and a review of critical management issues for the Federal Aviation Administration (FAA) has been added to the basic questions about the adequacy of Federal standards and programs. During the course of the study, it became clear that a full report for Congress would have to consider how policy is determined and implemented, and thus the operation of FAA and the role of the Department of Transportation. This comprehensive look at aviation safety also includes the economic framework of the industry as it affects operations, an analysis of safety data, and a review of research and development for safety technologies for both industry and government.

Throughout the study, the advisory panel, review group, workshop participants, and a host of contributors (see app. B) played key roles in developing the major issues and contributed a broad and invaluable range of perspectives. OTA thanks them for their substantial commitment of time and energy. Their participation does not necessarily represent endorsement of the contents of the report, for which OTA bears sole responsibility.

  
JOHN H. GIBBONS  
*Director*

Safe Skies for Tomorrow:  
Aviation Safety in a Competitive Environment  
Advisory Panel

Charles Curtis, Panel *Chairman*  
Van Ness, Feldman, Sutcliffe, & Curtis

Carla J. Berroyer  
Deputy Director for Intergovernmental Affairs  
Illinois Department of Transportation

Philip T. Brown  
Director, Marketing Resources Division  
The Travelers Companies

Joan Claybrook  
President  
Public Citizen

John C. Dannemiller  
President and Chief Operating Officer  
Leaseway Transportation Corp.

Robert A. Davis  
Chief Project Engineer  
747 Division  
Boeing Commercial Airplane Co.

R.V. Durham  
Director, Safety and Health Department  
International Brotherhood of Teamsters

James Johnston  
President  
Owner-Operators Independent Drivers  
Association of America

Clyde Kizer  
Vice President, Technical Services  
Maintenance and Operations Division  
United Airlines

Lillian Liburdi  
Director  
Management and Budget Department  
Port Authority of New York and New Jersey

William A. Maloney  
Associate Administrator for Motor Carriers  
Rhode Island Public Utilities Commission

Louis M. McNair  
Executive Central Air Safety Chairman  
Air Line Pilots Association

John Meyer  
James W. Harpel Professor  
The Kennedy School of Government  
Harvard University

Richard C. Schwing  
Senior Staff Research Engineer  
General Motors Research Laboratories

Dean Stanley  
Corporate Vice President for Engineering  
Navistar International Corp.

Alan Stephen  
President  
Scenic Airlines

NOTE: OTA appreciates and is grateful for the valuable assistance and thoughtful critiques provided by the advisory panel members. The panel does not, however, necessarily approve, disapprove, or endorse this report. OTA assumes full responsibility for the report and the accuracy of its contents.

Safe Skies for Tomorrow  
Aviation Safety in a Competitive Environment  
OTA Project Staff

John Andelin, *Assistant Director, OTA*  
*Science, Information, and Natural Resources Division*

Nancy Carson  
*Science, Education, and Transportation Program Manager*

Edith B. Page, *Project Director*

Kevin Dopart, *Analyst*  
Leonard Wojcik, *Analyst*  
Karen Mathiasen, *Research Assistant*  
Marsha Fenn, *Administrative Assistant*  
Christopher Clary, *Administrative Secretary*  
Madeline Gross, *Secretary*  
Leslie Ridenour, *Administrative Secretary*  
Michelle Haahr, *Secretary*

Congressional Research Service

John W. Fischer, *Economics Division*  
J. Glen Moore, *Science Policy Research Division*

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