



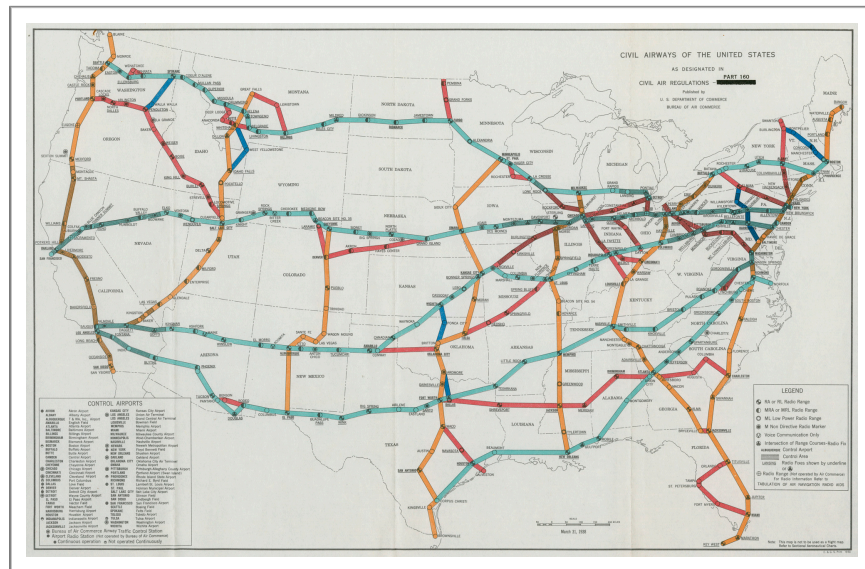
Smithsonian

National Air and Space Museum

Glen A. Gilbert Collection

Marilyn Graskowiak

1995



National Air and Space Museum Archives
14390 Air & Space Museum Parkway
Chantilly, VA 20151
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Collection Overview

Repository:	National Air and Space Museum Archives
Title:	Glen A. Gilbert Collection
Date:	1935-1982
Identifier:	NASM.XXXX.0187
Creator:	Gilbert, Glen Alexander, 1913-1982
Extent:	1.82 Cubic feet (4 document boxes; 1 slim document box)
Language:	English .
Summary:	This collection consists of a seven volume set representing a partial documentation of Gilbert's contribution to ATC development. The material was compiled by Gilbert's wife after his death in 1982. The collection also includes two books by Gilbert on air traffic control.

Administrative Information

Acquisition Information

Gordon Gilbert, gift, 1984, XXXX-0187, Unknown

Separated Materials

Instrument and Radio Flying, Karl S. Day, Air Associates, Inc. Garden City, New Jersey, 1938 was transferred to the National Air and Space Museum Library Branch of the Smithsonian Libraries.

Processing Information

The finding aid for this collection is the contents page(s) for each of the seven bound volumes of Gilbert's papers

Encoded by Tyler Love, 2013

Preferred Citation

Glen A. Gilbert Collection, Acc. XXXX-0187, National Air and Space Museum, Smithsonian Institution.

Restrictions

No restrictions on access

Conditions Governing Use

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Biographical Note

Glen A. Gilbert (1913-1982), pilot, administrator and aviation consultant, played a key role in the development of the United States and international Air Traffic Control (ATC) System. Following his graduation from the University of Wisconsin, Gilbert went to work in commercial aviation, including periods at Northwest Airways (communications installation and operations, flight operations, (1931-34)), and American Airlines (Communications Supervisor, 1934-36). During this period he helped develop and operate collision-avoidance procedures for aircraft operating under instrument conditions until this service was taken over by the federal government. Gilbert became the first Director of the United States ATC System (Chief, Airway Traffic Control Section, 1936-40; Chief ATC Division, 1940-46) during which time he represented the United States at a number of international conferences on aviation and played a key role in the formation of the International Civil Aviation Organization (ICAO) in 1944. He then became Special Assistant to the Administrator of Civil Aeronautics (1946-1951), where he continued his involvement with international aviation issues, often under commission for the President or Secretary of State. In 1951, Gilbert became an aviation expert for ICAO (1951-57) and later founded Glen Gilbert and Associates (1957), an aviation consulting firm. Gilbert co-authored 28 patent claims for airborne and ground equipment to improve ATC safety and efficiency and wrote a number of books and articles on the subject.

Scope and Contents

This collection contains seven bound volumes of Gilbert's written work. The volumes document Gilbert's contribution to ATC development from 1935 to 1982. The material was compiled by Gilbert's wife after his death in 1982. The collection also includes the following books:

Air Traffic Control, Glen A. Gilbert, Ziff-Davis Publishing Company, Chicago, 1945

Air Traffic Control: the Uncrowded Sky, Glen A. Gilbert, Smithsonian Institution Press, Washington, DC 1973

IEEE Transactions on Communications Special Issue on Aeronautical Communications, May 1978, ed. Sherman Karp, George G. Haroules & Leslie Klein, May 1973

Arrangement

This collection is arranged in Volume order.

General

Duplicate sets of documents in LC; History of Aviation Collection, University of TX at Dallas; FAA Library; Helicopter Association International. Archival material in History of Aviation Collection, UTX Dallas. One of the books in this collection was transferred to the NASM Library. The title is as follows: Instrument and Radio Flying by Karl S. Day.

Names and Subject Terms

This collection is indexed in the online catalog of the Smithsonian Institution under the following terms:

Subjects:

Air traffic control
Airplanes -- Collision avoidance

Radar air traffic control systems

Types of Materials:

Publications

Names:

Gilbert, Glen Alexander, 1913-1982

Container Listing

Series 1: Air Traffic Control, Partial Collected Papers, 1935-1966

1 Volume

Box 1

Vol. 1, 1935-1966

Notes: Memorandum: Glen A. Gilbert to Earl F. Ward --American Airlines, 22 Nov 1935

Airway Traffic Control Conference --Chicago, IL Oct 1938

Airway Traffic Control Conference --Chicago, IL Oct 1939

Airway Control --American Road Builders Association, Jan 1941

Air Traffic to Come --Flying, Mar 1943

Air Traffic Control - Aeronautical Engineering Review, Sep 1943

Airports and Air Traffic Control --Part I --Air Commerce Department, Dec 1943

Airports and Air Traffic Control --Part II --Air Commerce Department, Jan 1944

Airports and Air Traffic Control --Part III --Air Commerce Department, Feb 1944

Air Traffic Control- American Institute of Electrical Engineers, Jan 1944

Air Traffic Control Planning --Engineers Club, Mar 1944

Future Automatic Air Traffic Control Devices --Radio News, Mar 1944

Air Traffic Control --Electrical Engineering, Apr 1944

New Developments in Air Traffic Control --Institute of Aeronautical Sciences, Oct 1944

Air Traffic Control Limitations --Flying, Nov 1944

Gilbert Discusses Air Traffic Control Before Scientists --CAA Journal, Nov 1944

Fostering Aviation Through Air Traffic Control --National Aviation Clinic, Nov 1944

Approach Control for Aircraft --Radio News, Dec 1944

Air Traffic Control --Aero Digest, Mar 1945

Air Traffic Control --Institute of Radio Engineers , Nov 1945

Advances by CAA in Traffic Control are Outlined by Division Chief Gilbert --Civil Aeronautics Journal, Nov 1945

Work of PICA0 Basic Declares CAA Official --CAA Journal, Dec 1945

Air Traffic Control --Ziff Davis Publishing Company, 1945

Future Air Traffic Control --1945
Future Air Traffic Control --Flying, Apr 1946
Assembly Shapes PICA0 policy at First Session in Montreal --CAA Journal, Jul 1946
Air Navigation Aids for Middle East Charted at PICA0 Regional Meeting --CAA Journal, Jan 1947
Evaluation of Planning in the Field of Air Traffic Control --CAA Program Planning, Jun 1950
Civil Aeronautics Club News --Oct 1950
Civil Aviation in El Salvador --United Nations Technical Assistance Mission to El Salvador, 1952
Expanded Programme for Technical Assistance --ICAO Bulletin, Jun 1952
Vista de Delegados de la Organizacion de Aeronautica Civil Centroamericana --La Prensa Libre, Aug 1952
Airplane 'Milk Runs' Real Thing --Montreal Star, Aug 1952
Central America --A Plan for Aviation Cooperation --ICAO Bulletin, Oct/Nov 1952
Expanded Programme of Technical Assistance --ICAO Bulletin, Oct/Nov 1952
Expanded Programme of Technical Assistance --ICAO Bulletin, Jan/Feb 1953
Se Firmo Ayer el Acuerdo Sobre Aviacion Civil --El Diario de Hoy, Feb 1953
Expanded Programme of Technical Assistance --ICAO Bulletin, Mar 1953
New Aviation Training Centre in Mexico --ICAO Bulletin, Jun/Jul 1953
Expanded Programme of Technical Assistance --ICAO Bulletin, Nov 1953
Four Day Visit by President of Council to Civil Aviation Training Centre in Mexico --ICAO Bulletin, May 1955
Aviation Group Holds Meeting Here --Brownsville Herald, Sep 1958
Torero Nacional Manuel Cadena Acuara en Miami --El Commerica, Jul 1961
Plan de Aproveccionamiento de Aviones, Aug 1961
Firma de E.U. Propone Que Le Arrienden H01el Quito --San Francisco de Quito, Oct 1961
Air Traffic Control Association Sixth National Meeting --Sep 1961
Where it All Began... Journal of ATV, Jan 1965
Continued --Where it All Began ... - Journal of ATC, Mar 1965

Glimpses From the Past --Homer Cole --Journal of ATC, Jul 1968

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Series 2: Air Traffic Control, Speeches -- Interviews -- Studies -- Technical Paper, 1967-1971

1 Volume

Box 1

Vol. 2, 1967-1971

Notes: Introduction/Editorial --"Nobody Was Listening" --Wayne Parrish, Oct 1968

Where It All Began... - Journal of ATC, Jan 1965

Where It All Began Continued... - Journal of ATC, Mar 1965

First Woman Controller --ATC Bulletin, Sep 1971

ATC --How It All Began --INTERAVIA, Jul 1967

Rectilinear Air Navigation --Jun 1967

Navigation for General Aviation --Institute of Navigation --Jun 1967

Some New Product Concepts for ATC --Jul 1967

Vector Analog Computer (VAC) Simulation --Jul 1967

A New Approach to Solving the Problem of the Airlines' 'Airports in Need' --Sep 1967

Data Link Application for Air Traffic Control --Nov 1967

Air Traffic Control for V/STOL --Flight Magazine, Jan 1968

Area Navigation --A Major Capability Improvement for ATC --ION, Jun 1968

Skies Crowded --This Miamian Doesn't Believe It --Miami Herald, Jan 1968

VOR/DME Area Navigation --The Controller --IFATCA, Oct/Dec 1968

Glen Gilbert Offers 'Master Plan' for ATC Problems --American Aviation, Dec 1968

Reading, PA., National Maintenance & Operations Meeting --Jun 1969

Airborne Air Traffic Control Concept --Flight Magazine, May 1969

The First One Thousand and One --Pilot Magazine --AOPA, May 1969

PATCO Magazine --Annual Meeting, Jun 1969

4-D Area Navigation Abstract --Institute of Navigation, Aug 1969

Sky Gets Bigger at Dulles --The Evening Star, Washington, DC, Oct 1969

Let Pilots Blaze Own Paths in Sky - The Miami Herald, Nov 1969

Unloading the Air Traffic Control System --IEEE, Boston, MA, Nov 1969

Statement of G.A. Gilbert at Mid-Air Collision Hearings of NTSB -- Nov 1969

Monivayla Suunnistus --Finnish ALPA, 1969
GMAA (Miami Herald) Newsletter --Nov 1969
Facility Establishment Criteria --National Aviation Systems Planning
Review, Apr 1970
On-Board Computers --The Wall Street Journal, Apr 1970
Computer My Ease Controllers' Load --Columbus (Ohio) Citizen
Journal, Apr 1970
An Airborne Computer System for Navigation & Traffic Control --
IFATCA, May 1970
Guidance System for EAL Shuttle --Washington Star, May 1970
Increasing Airline Landing Safety With 3-D RNAV --May 1970
General Aviation Challenges the 1970's --NAECON 70 (IEEE), May
1970
Improving Landing/Takeoff and Terminal Area Safety --ALPA Safety
Forum, Jul 1970
ALPA Magazine --1970 Air Safety Forum Proceedings, Sep 1970
Priorities and the New Airport/Airway Trust Fund --Flight Magazine,
Nov 1970
Area Navigation in Commuter/Taxi Operations --NATA/NATC, Dec
1970
Unloading the ATC System --CATCA Journal, Fall 1970
Proposal for a Study on Air Traffic Control for Aviation Advisory
Commission --F.1971
Proposed Feasibility Study for Local Air Service in Mountain States
for Congressman Teno Roncalio of Wyoming, Mar 1971
Area Navigation in Commuter/Taxi Operations --ICAO Bulletin, Mar
1971
Automation in Air Traffic Control --Anglo-American Aeronautical
Conference, Jul 1971
Open Letter to Presidents of Four Controller Organizations, Jul 1971
Automation in Air Traffic Control --Canadian Aeronautics and Space
Journal, Apr 1972

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Series 3: Studies and Reports on Area Navigation by Glen A. Gilbert for Butler National Corporation, 1967-1970

1 Volume

Box 2

Vol. 3, 1967-1970

Notes:

Capability Improvements for the Air Traffic Control System --Nov
1967

Application of Area Navigation Equipment in Military Environments --
Aug 1968

An Advanced Program for Air Traffic Control System Improvement --
Oct 1968

System Description and Specifications --Jul 1968

Three-Dimensional Area Navigation --Sep 1969

Three-Dimensional Demonstration Flight Plans --1969

Three-Dimensional Area Navigation --Feb 1970

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Series 4: Aviation Systems Engineering and Air Traffic Control, Speeches -- Interviews -- Studies -- Technical Papers, 1972-1976

1 Volume

Box 2

Vol. 4, 1972-1976

- Notes:
- Distributed Management Concept of ATC --MIT Lincoln Laboratory, Oct 1971
 - Equipment Applications to ATC Proposals --Literatuuroverzicht, Jul 1971
 - Northeast Corridor and Aviation Community Action- NATC News, Oct 1971
 - STOL/VTOL and Airports- Report by Congressman Esch, Nov 1971
 - Open Letter to Presidents of Controller Organizations --CATCA Journal, Fall 1971
 - Statement to Senate Hearing S.2264 on Collision Avoidance --Dec 1971
 - RNAV Cost Effectiveness- FAA RNAV Symposium, Jan 1972
 - FAA RNAV Symposium --Professional Pilot, Mar 1972
 - Area Navigation: What's the Score? Air Line Pilot, Mar 1972
 - FAA Silent on Date for NAV Rule --Electronic News, Feb 1972
 - Senate Hearing S.2264 on Collision Avoidance --Committee Print, Feb 1972
 - Is RNAV Cost Effective? --Flight Magazine, Apr 1972
 - The New PATCO --Flight Magazine, Jun 1972
 - Data Bank Proposal for National Business Aircraft Association --Jul 1972
 - Quantifying Airborne and Ground Equipment Involved in Implementation of a Distributed Management Concept in the ATC System --Aviation Advisory Commission, Aug 1972
 - The Coming IFR Era for Utility Helicopters --Flight Magazine, Sep 1972
 - Distributed Management in the Air Traffic Control System --Aviation Advisory Commission, Sep 1972
 - System Engineering for Air Traffic Control --Airport World, Nov 1972
 - GMAA Dalkranian Award --Aviation/Space Writers Association, Feb 1973
 - Feasibility of IFR Helicopter Operations --Flight Magazine, Mar 1973
 - STOL and ATC --CATCA Journal, Spring 1973
 - Smithsonian Publishes Unique Study on Air Traffic Control --Aug 1973

Historical Development of the Air Traffic Control System --IEEE Communications, May 1973

Announcement --Air Traffic Control; The Uncrowded Sky -- Smithsonian Press, 1973

Outstanding ATC Book Written --PATCO Newsletter Review, 1973

Air Traffic Control Exhibition- Smithsonian News, Nov 1973

Smithsonian Exhibit/ATC Book --Aero Line, Sep 1973

Noted Authority on Air Traffic Control --Home News, Sep 1973

Book Review --The Friday Review of Defense Literature, Sep 1973

Book Review --CATCA Journal, Fall 1973

Statement Before Air Traffic Control Association --Oct 1973

Lest We Forget/Tolpo --Journal of ATC, Sep 1973

A Special Review of a Very Special Book --IFATCA Controller, Nov 1973

The Coming Era for IFR Helicopters --IFATCA Controller, Nov 1973

Basic Elements Related to IFR Helicopter Operations --Nov 1973

Teamwork --Flight Magazine, Dec 1973

Case for US Aviation Service, Business and Commercial Aviation, Jan 1974

Book Review --Rotor News, Mar 1974

Book Review --Jane's Yearbooks, Mar 1974

The Uncrowded Sky --IFATCA Controller, May 1974

Book Review --The Royal Air Forces Quarterly, Spring 1974

Book Review --Air Line Pilot, May 1974

'Spirit of St. Louis' Greets ATC --IFATCA Controller, May 1974

Book Review --Journal of ATC, May 1974

Ahead of the Hounds --Flight Magazine, Jun 1974

Profile --Rotor News, Jul 1974

Wake Turbulence --Where We Are, Where We're Going --Flight Magazine, Sep 1974

Status Report on Consultant Project 'IFR Helicopter Operations' -- Bell Helicopter, Nov 1974

IFR Helicopter ATC Interface --Flight Magazine, Jan 1975

Critical Overview with Alternative Recommendations of Concepts and Future Plans for Distributed Management in the Air Traffic Control System --FAA, Apr 1975

ATC Interface with the Coming IFR Helicopter ERA --ATCA Journal, Jan 1975

IFR Helicopter Operations --The Northeast Corridor Project --Feb 1975

IFR Helicopter in the ATC World --HAA Annual Meeting, Jan 1975
RTCA Annual Assembly Meeting --Nov 1976
Notes on Separation Assurance for GA CPC Group --Oct 1976
HAA Input on Airspace/Air Traffic Control for GA CPC --Oct 1976
HAA ATC/TERPS Agenda Outline --Sep 1976
HAA IFR ATC/TERPS Opening Remarks --Sep 1976
Statement Before House Subcommittee on Aviation and
Transportation Research and Development --Sep 1976
US Air Traffic Services Corporation --IFATCA Controller, Aug 1976
A Review of Helicopter IFR --Interavia, Aug 1976
Statement Before House Subcommittee on Aviation and
Transportation Research and Development --May 1976
The Changes Needed in TERPS --Rotor and Wing, May 1976
Congressional Record --US Air Traffic Services Corporation --Feb
1976
The Changes Needed in TERPS to Optimize IFR Helicopter
Operations --HAA Annual Meeting, Jan 1976
US Air Traffic Services Corporation --IFATCA Controller, Nov 1975
OX-5 Aviation Pioneers Hall of Fame --GMAA Newsletter, Nov 1975
1976 Inductees to OX-5 Aviation Pioneers Hall of Fame, Oct 1975
Navstar GPS --System of the Future? --Flight Magazine, Nov 1975
News --Aviation/Space Writers Association, Sep 1975
Special Helicopter Route Awarded by FAA --Rotor and Wing, Sep
1975
IFR Helicopter Operations and US Air Traffic Services --IFATCA
Circular, Sep 1975
Airspace: An Untapped Transportation Medium --Florida Airport
Managers Association, Aug 1975
HAA Archive in TERPS Program --Rotor News, Aug 1975
An Air Traffic Corporation --Flight Magazine, Jun 1975
Another Helicopter First --Flight Magazine, Jun 1975
IFR Helicopter First --FAA Aviation Review Conference, May 1975
Air Traffic Control Corporation Proposed --For Wroth Star Telegram,
Jun 1975

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Series 5: Freeing the FAA, Speeches - Interviews - Studies - Technical Papers, 1968-1981

1 Volume

Box 3

Vol. 5, 1968-1981

Notes:

Gilbert Offers ATC Master --American Aviation, Dec 1968

Priorities and the New Airport/Airway Trust Fund --Flight Magazine, Nov 1970

Aviation Community Action --Northeast Corridor --NATC News, Oct 1971

The New PATCO --Flight Magazine, Jun 1972

News Media Seeks PATCO Air Safety Expertise --Jul 1972

Teamwork --Flight Magazine, Dec 1973

Case For US Aviation Service --Business and Commercial Aviation, Jan 1974

Study to Probe Ways of Improving FAA --PATCO Newsletter, Apr 1974

PATCO Orders FAA Study --Federal Times, Apr 1974

Dedication, Integrity, Unity are Themes --Convention 1974

The Future ATC System: Inside or Outside FAA/DOT --Convention, May 1974

Speakers at Convention --1974

Ahead of the Hounds --Flight Magazine, Jun 1974

Flight Magazine Praises PATCO --Newsletter, Jul 1974

Interview Gilbert by Director of Communications --Sep 1974

Study Probes FAA Independence --Newsletter, Oct 1974

Independence for FAA Urged --Washington Post, Feb 1975

Independent Government Corporation Should Run Air Traffic Control System, Study Concludes --News Release, Apr 1975

Own Agency Urged For Air Controllers- Washington Post, Apr 1975

The United States Air Traffic Control Services Corporation Final Report --Volume No. 1 --May 1975

Consultant Recommends Divorcing Air Control from FAA --Aviation Daily, May 1975

Study Finds Independent Corporation Should Run ATC --General Aviation News, May 1975

Excerpts From Speech by Hon. Barry Goldwater --May 1975

Pride and Professional are Theme --Convention 1975

The United States Air Traffic Services Corporation --PATCO Annual Convention, 1975

An Air Traffic Corporation --Flight Magazine, Jun 1975
News From Congressman Barry Goldwater --Sep 1975
Goldwater Calls for FAA Separation From DOT --Cross Country
News, Sep 1975
US Air Traffic Services Corporation --IFATCA Circular, Sep 1975
The United States Air Traffic Services Corporation Final Report --
Volume No. 2 --Executive Summary --Oct 1975
Senate Bill S.2434 --94th Congress --Sep 1975
House of Representatives Bill HR.9930 --94th Congress --Sep 1975
Publications Review --IFATCA Controller, Nov 1975
FAA Under the Knife --PATCO Journal, Nov 1975
Drive Gains in Congress for Independent ATC Group --PATCO
Newsletter, Feb 1976
CAAA Directors Support Proposal to Make FAA Separate Agency --
Commuter Airline Digest, Mar 1976
ATC: Air Traffic Corporation? --NAP News, Apr 1976
News From Corporation Members --IFATCA Controller, Aug 1976
Freeing the FAA --PATCO Annual Convention, May 1977
Maybe It's Time to Dismiss the FAA --New York Times, Aug 1981

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Series 6: Air Traffic Control and Future Systems, Speeches - Interviews - Studies - Technical Papers, 1977-1981

1 Volume

Vol. 6, 1977-1981

Notes: National Implications of Northeast Corridor Program --HAA/IFR Meeting, Feb 1977

Statement Before House Subcommittee on Aviation and Transportation --Sep 1976

Statement Before House Committee on Appropriations --Sep 1976

Preventing Zero Growth Air Transportation --IEEE, Apr 1977

Statement and Suggestions --NASA Rotorcraft Technology Meeting, Jun 1977

Helicopter Operators Viewpoint --ATCA Annual Meeting, Oct 1977

Preventing Zero Growth Air Transportation --CATCA Journal, Aug 1977

Distributed Management in Air Traffic Control --Flight Magazine, Oct 1977

ATC System Development Trends- Flight Magazine, Dec 1977

Statement Before House Subcommittee on Transportation Appropriations- Apr 1978

Helicopter Operational Considerations --Magnavox, Jun 1978

The Helicopter Industry's Point of View --AIAA Air Transportation Conference

Statement Before House Subcommittee on Transportation, Aviation and Weather --Sep 1978

Potential GPS Applications for Helicopters --FAA/NASA GPS Seminar, Oct 1978

Technical Highlights- ATCA Conventions, Oct 1978

Newsline --HAA Rotor News

Potential GPS Civil Use Considerations --Jan 1979

FAA's Five Year Helicopter Operations Development Plan- Flight Magazine, Jan 1979

Northeast IFR Helicopter Routes Expanding --Business and Commercial Aviation, Jan 1979

Copter IFR --From Connecticut to the North Sea- HAA Report, Mar 1979

Aviation Pioneer Claims Air Traffic is Overcontrolled --Honolulu Advertiser, Mar 1979

Helicopter Instrument Flying --Flying, Feb 1979

Statement Before House Ways and Means Committee (Civil Application Navstar --GPS) --Mar 1979

HAA Awarded Northeast Corridor Study --Rotor News, May 1979

Statement Before House Subcommittee on Transportation, Aviation and Communications (Aircraft Collision Avoidance) --Jun 1979

Helicopter Navigation Goals --FAA E&D Initiatives Program, 1979

HAA/FAA Helicopter Workshop Announced --Rotor News, Jun 1979

Outline --Civil Applications of Navstar/GPS --Mar 1978

Civil Applications of Navstar/GPS --Advisor Group for Aerospace Research and Development --North Atlantic Treaty Organization, Jul 1979

Outline of GPS Research and Development Activities --Oct 1979

Satellite Navigation for Helicopters --Fifth European Rotorcraft Forum, Sep 1979

Civil Aviation and Navstar/GPS --ATCA Conference, Oct 1979

Design Study Low Cost Civil Aviation GPS Receiver System --Magnavox/NASA, Dec 1979

Future Outlook for Business/Corporate Helicopters --Bell Helicopter, Nov 1979

FAA Work --Appalachian Flyer, Nov 1979

Loran C and Helicopters --Oct 1979

HAA/FAA Helicopter Workshop Final Report --Oct 1979

HAA/FAA Helicopter Workshop Report --Helicopter 80 Seminar, Apr 1980

Advanced Navigation/ATC System for Helicopters --AHS Forum, May 1980

Helicopters and Navstar/GPS --ION Annual Meeting, Jun 1980

Helicopter Outlook for the 80's --New England Helicopter Pilots Association, Jan 1980

Technical Highlights --ATCA Convention, Oct 1979

Northeast Helicopter Council --Aviation Convention News, Jan 1980

HAA/FAA Helicopter Workshop --Rotor News, Dec 1979

Statement Before House Subcommittee on Transportation, Aviation and Communications (Research and Development Requirements for Helicopter Navigation and Advanced Air Traffic Control Systems) --Feb 1980

Helicopter Outlook for 80's --Japan Aircraft Pilot Association, Jul 1980

Helicopter Navigation in the 80's --ION National Aerospace Meeting, Mar 1980

Master Plan for ATC Problems --Aviation/Space Writers Association, May 1980

NAFEC/Helicopter Research --Atlantic City Press, May 1980
HAA Congressional Testimony --Rotor News, May 1980
SFAR 29-2 Status Report --Rotor News, Jun 1980
Heliports and the Northeast Corridor --Business and Commercial
Aviation, Jul 1979
Remarks --Public Helicopter Users Workshop, Jul 1980
Rotorcraft Operations and Operations Feasibility --ASEB Workshop
on Role of NASA in Aeronautics, Jul 1980
Position Paper for Rotorcraft Panel --ASEB Workshop on Role of
NASA in Aeronautics, Jul 1980
Statement Before Senate Subcommittee on Taxation --Sep 1980
GPS Helicopter --Japan Aircraft Pilot Association, Sep-Nov 1980
Northeast Corridor, FAA Activity --Rotor News, Aug 1980
Northeast Corridor Announcements --Business and Commercial
Aviation, Jul 1979/1978
HAA/NASA Advanced Rotorcraft Technology Workshop --Rotor
News, Oct 1980
HAA/NASA Advanced Rotorcraft Technology Workshop --Rotor
News, Sep 1980
Gilbert Responds on Navstar --Appalachian Flyer, Oct 1980
Challenge: Set Up First System for ATC --Miami Herald, Dec 1980
Wright Brothers Memorial Award --Aviation Daily, Jan 1981
Glen A. Gilbert Gets GMAA Award --General Aviation News, Jan 1981

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Series 7: ATC and Future Systems, Speeches -- Interviews -- Studies -- Technical Papers, 1981-1982

1 Volume

Box 4

Vol. 7, 1981-1982

Notes: Helicopter Northeast Corridor Operational Test Support --Final Report
--HAA/FAA, Jun 1980

Helicopter Community Benefits Study --Conference --Rotor News,
Nov 1980

Helicopter IFR Approach Aids Sought --Aviation Week & Space
Technology, Oct 1980

Northeast Corridor --Rotor News, Dec 1980

ATCA Honorary Membership --ATCA Journal, Dec 1980

HAA ATC/TERPS Program --HAA Annual Meeting, Jan 1981

Vertical Lifts in Their Future --Commuter Air, Jan 1981

HAA/NASA Advanced Rotorcraft Technology Workshop --Vertiflite,
Jan 1981

Civil Use of Navstar/GPS at Sea --Jan 1981

HAA Helicopter Studies --Business and Commercial Aviation, Jan
1981

HAA Special FAA/NASA Projects --HAA IFR Session, Jan 1981

NASA/HAA Advanced Rotorcraft Technology And Tilt Rotor
Workshops --Vol. I thru VII --Dec 1980

Helicopter IFR in the Northeast Corridor --Professional Pilot, Jan
1981

Japanese Aviation Official Visits --Rotor News, Mar 1981

Helicopters in US --IFR Operation in Northeast Megalopolis --Japan
Aircraft Pilot Association, Mar/May 1981

Differential GPR for Helicopters --Feb 1981

Northeast Corridor Working Group Formed --Rotor News, May 1981

NASA/HAA Charting and Approach to Rotorcraft for the Future --
Rotor & Wing, Apr 1981

Community Benefits, ATC Study, Congressional Testimony --Rotor
News, Apr 1981

Statement Before House Subcommittee on Aviation, Transportation
and Communications (Role of NASA in Rotorcraft Development) --
Feb 1981

Monterey Rotorcraft Benefits Conference --Rotor News, May 1981

Statement Before House Subcommittee on Transportation and
Related Agencies --May 1981

Civil Application of GPS Using a Single Channel Sequential Receiver
--Magnavox/NASA, May 1981

Recommended Changes to ATC Procedures for Helicopters --Final
Report --HAI/FAA, Jun 1981

A History: HAI's Role in IFR Certification --Rotor News, Aug 1981

Resolves of Monterey Conference on Planning of Rotorcraft and
Commuter Air Transportation --Aug 1981

National Airspace Review, HAI/NASA Report Available --Rotor News,
Aug 1981

Statement Before House Subcommittee on Ways and Means- Oct
1981

Helicopter Under Perspectives --ATCA Conference, Oct 1981

Monterey Conference Pivotal for Planners --Rotor News, Sep 1981

Community Rotorcraft Transportation Benefits and Opportunities --
HAI/NASA, Dec 1981

Potential Civil Applications of GPS --Jul 1981

FAA Pushes Plan to Retool Air Control Net --Washington Post, Sep
1981

Fourth Generation ATC: An Integrated System Concept for the 1990's
into the 21st Century --Dec 1981

Fourth Generation ATC --Compilation of Comments --January 1982
thru April 1982

Statement Before Senate Transportation and Related Agencies
Subcommittee --May 1982

Statement Before House Transportation Subcommittee --May 1982

National Aeronautic Association Elder Statesman Award- NAA News
Release, Jul 1982

HAI Statement --FAA Future Navigation Systems Planning
Conference, Aug 1982

Users Respond to the FAA National Airspace System Plan --
Astronautics and Aeronautics, Oct 1982

Abstract: Fourth Generation Air Traffic Control System --Safety and
Requirement to include Space-Borne Systems -- 33rd Congress of
International Astronautical Federation, Sep 1982

In Memoriam --Various Publications --Sep/Oct 1982

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Series 8: Books, 1945, 1973

3 Books

Box 5

Air Traffic Control, Glen A. Gilbert, Ziff-Davis Publishing Company, Chicago, 1945

IEEE Transactions on Communications Special Issue on Aeronautical Communications, May 1978, ed. Sherman Karp, George G. Haroules & Leslie Klein, May 1973

Air Traffic Control: the Uncrowded Sky, Glen A. Gilbert, Smithsonian Institution Press, Washington, DC, 1973

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