

Guide to the
Raymond Willard Hayes Collection
(1916 - 1999)

20.1 linear feet

Accession Number:
Collection Number:

Collection Dates: 1944 - 1976
Bulk Dates: 1933 - 1992

Prepared by
Thomas J. Allen

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University of Texas at Dallas.

Special Collections Department
McDermott Library, The University of Texas at Dallas

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Biographical Sketch:

Raymond Willard Hayes was born May 18th, 1916 in Bonham, Texas. As a young boy his family moved to Denison, Texas. It was their in 1934, during his senior of high school at Denison High, that Hayes began to take flying lessons. After five years of training at Gray Field in Denison Hayes went on the earn both his pilot certification, and his commercial pilot's license. After a very brief sting hauling passengers Hayes become an instructor at the Southeastern Oklahoma Colleges Civilian Pilot Training Program.

In May of 1941 Hayes journeyed to Dallas and joined Braniff Airways as a Co-Pilot. He was advanced to pilot status a year later and was assigned as an instructor to the military aviation school Braniff Airways ran in Brownsville, Texas. Hayes alternated this duty with serving as a pilot for Braniff and The Air Transport Command ferrying cargo between San Antonio, Texas and The Panama Canal Zone. With the end of World War II Hayes returned to line flying with Braniff. In 1967 Hayes was became Assistant Manger of Operation at Braniff's headquarters in Dallas. In 1969 Hayes became a jet aircraft flight instructor and check pilot. In 1974 he returned to regular line flying, and in 1976 He retired from Braniff International after 35 years of service. While serving with Braniff Hayes qualified to fly the DC-2, DC-3, DC-4, DC-6, DC-7, Lockheed 12, Lockheed L-188, Convair 340-440, Boeing 707-227-720, and the Boeing 727. He logged 27,000 hours of flight time and racked up an estimated 7,100,000 miles of travel.

Hayes was also active in the aviation industry in other ways. He was a longstanding member of the Air Line Pilots Association, and active in the Council #42, the local Braniff-Dallas Chapter. In 1969, Hayes was one of the men responsible for the creation of a Braniff Retiree Club, which in 1970 would become the Braniff International Silver Eagles.

Hayes married Ms. Lois Fher on June 16, 1940. They had been childhood friends and graduated Denison High School together. They had three children, John and Jim, who also worked for Braniff and flew with their father on his last trip, v as well as a daughter, Alice. Raymond Willard and Lois Hayes had their 50th wedding Anniversary in 1990.

After retirement Hayes remained active in flying, purchasing a Cessna 183 Skylane and keeping it in flying condition. He was active in the Masons, as well as serving as head usher at Preston Hollow Methodist Church in Dallas, Texas. Hayes also became a volunteer at The History of Aviation Collection at The University of Texas at Dallas. Raymond Willard Hayes passed away on March 13, 1999.

Sources

Raymond Willard Hayes Collection, Box 1, Folder 5, History of Aviation Collection, Special Collections Department, McDermott Library, The University of Texas at Dallas.

Additional Sources

Braniff International Airways Collection, History of Aviation Collection, Special Collections Department, McDermott Library, The University of Texas at Dallas.

M.M. Kay Collection, History of Aviation Collection, Special Collections Department, McDermott Library, The University of Texas at Dallas.

Series Description

The Raymond Willard Hayes Collection comprises six series of thirty-three boxes of material totaling 20.1 linear feet. It is composed of loose material in folders. The collection is described at the folder level. See container list for the title of individual folders.

Scope and Content Note

The Raymond Willard Hayes Collection is organized into six series of material:

Series I: Documents (19 Boxes)

This material includes documents related to Hayes Career with Braniff Airways/Braniff International, The United States Army Air Forces, The Airline Pilots Association, and documents relating to Hayes personal finances.

Series II: Photographs (3 Boxes)

This material consists of photographs of personal events from the life of Hayes, Braniff Airlines, and Miscellaneous aircraft. Included in this series is a small group of oversized pieces of certificates and proclamations.

Series III: Newsletters and Press Clippings (3 Boxes)

This series houses a collection of issues from The BISE newsletter, and other newsletters of interest to Hayes. The series also contains newspaper clippings related to Hayes personal life, Braniff Airways, and his retirement from Braniff in 1976. Also there are files on the formation of Braniff's retired Pilots association, which Hayes was an integral part of.

Series IV: Charts and Maps (1 Box)

This series contains aeronautical charts and maps used by Hayes during his flying career. The charts are primarily focused on the central, southern, and Midwestern United States, though some international maps are present.

Series V: Logbooks of R.W. Hayes (1 Box)

This series encompasses seventy-five logbooks covering R.W. Hayes flight activities from 1939 to 1982.

Series VI: Manuals and Training Material (6 Boxes)

This series incorporates a wide variety of training material and operations manuals used by Hayes as a line pilot for Braniff Airways, a flight instructor for Southeastern Oklahoma College, and The US Army Air Forces, and as a check pilot/jet instructor for Braniff.

Provenance Statement

The Raymond Willard Hayes Collection was donated to the History of Aviation Collection, McDermott Library Special Collections by Raymond Willard Hayes.

Literary Rights Statement

Permission to publish copy, reprint, digitize, orally record for transmission over public airways, or use in any and all current or future developed methods or procedures, must be obtained in writing from the Special Collections Department, McDermott Library, The University of Texas at Dallas.

Container list

Begins on page 5.

R.W. Hayes: Container List

Series I: Documents

<u>Box 1</u>	<u>Titles, Dates, and Description</u>
<u>Folder</u>	
1	R.W. Hayes Presentation at History of Aviation Collection (1982)
2	Historical Sketch of Braniff Airways (1935)
3	Braniff Airways Flight Plans (1941 – 1942; 1945)
4	U.S. Army Air Transport Command Blank Forms (1944)
5	Braniff Monthly Route, Equipment, and Time Report Blank Forms (1947)
6	Braniff Airways Blank Air Progress Sheets (1947)
7	Braniff Airways Blank Forms (1946 – 1950)
8	Braniff Airways Up to the Minute Flight Information – Book of Forms (1946)
9	Braniff International Blank Forms (1972 – 1975)
10	Braniff Memoranda (1941 – 1944)
11	Braniff Memoranda (1945)
12	Braniff Memoranda (1946)
13	Braniff Memoranda (1947 – 1949)
14	Braniff Memoranda (1950 – 1952)
15	Braniff Memoranda (1952 – 1954)
16	Braniff Memoranda (1953)

R.W. Hayes Container List
Series I: Documents

<u>Box 2</u>	<u>Titles, Dates, and Description</u>
1	Braniff Memoranda (1961, 1964 – 1965, 1967)
2	Braniff Memoranda (1968 – 1969)
3	Braniff Memoranda (1970 – 1973)
4	Braniff Memoranda (1974 – 1976)
5	Braniff Letter to Pilot's (1971 – 1975)
6	Braniff – R.W. Hayes Training Material (1945 – 1975)
7	Braniff Student Co-Pilot's Field Tour (1941)
8	Braniff Airways En-route Examination: Mexico City to Acapulco (1946)
9	Braniff Airways Weather Route Examination (1946)
10	Braniff Airways Air Route Examination (1946)
11	Braniff International South American Route and Terminal Weather Study (1967 – 1968)
12	Braniff International En-Route Briefings (1971 – 1972)
13	Braniff International Route Qualifications (1972)

Box 3

Folder

1	Braniff Airways Worker Information Card (1942)
2	Braniff Airways Flight Clearance and Weather Report (1945, 1948, 1974)

3 Braniff Airways Pilot's Time and Mile Sheet (1941 – 1945)

R.W. Hayes Container List
Series I: Documents

Box 3

Folder

4 Braniff Airways Pilot's Time and Mile Sheet (1946 – 1948)

5 Braniff Airways Tax Receipts (1947 – 1950)

6 Braniff Airways Trip Report (1941 – 1942)

7 Braniff Airways Progress Chart and Shipping Memos (1944)

8 Braniff Pilot's Mutual Aid Plan – Account Status (1951)

9 Braniff Airways Flight Crew Expense Voucher (1941 – 1943)

10 Braniff Airways Flight Crew Expense Voucher (1946)

11 Braniff Airways Flight Crew Expense Statement (1956 – 1957)

12 Braniff International Flight Crew Expense Statement (1967 – 1969)

13 Braniff International Flight Crew Expense Statement (1970 – 1971)

14 Braniff Airways Captain's Monthly Route and Equipment Report (1947)

15 Braniff Airways Pilot's Irregularity Report (1946 – 1950)

16 Braniff Airways Qualification and Check Reports (1944 – 1974)

17 Braniff Airways Pilot's Trip and Mileage Statement (1949 – 1952)

18 Braniff Airways invoices (1941)

19 Braniff Airways Federal Credit Union (1951 – 1952)

R.W. Hayes Container List**Series I: Documents****Box 3****Titles, Dates, and Description****Folder**

- | | |
|----|---|
| 21 | Braniff Pilot Seniority Lists (1940 - 1949) |
| 22 | Braniff Pilot Seniority Lists (1950 - 1959) |
| 23 | Braniff Pilot Seniority Lists (1960 - 1969) |
| 24 | Braniff Pilot Seniority List (1973; 1975) |

Box 4**Folder**

- | | |
|---|---|
| 1 | Braniff Airways General Schedule (January 1, 1947; May – June 1950; April 13, 1953) |
| 2 | Braniff Airways General Schedule (April 1960) |
| 3 | Braniff Airways General Schedule (August – December, 1965) |
| 4 | Braniff Airways General Schedule (April – December, 1968) |
| 5 | Braniff Airways General Schedule (May – October, 1969) |
| 6 | Braniff Airways Bid Schedules (1968 – 1969; 1973 – 1975) |
| 7 | Braniff Schedule Changes and Reductions (1968 – 1975) |
| 8 | Braniff Scheduling Information and Procedures (1951 – 1972) |

R.W. Hayes Container List
Series I: Documents

<u>Box 4</u>	<u>Titles, Dates, and Description</u>
<u>Folder</u>	
9	Braniff International Scheduling Information – New DFW Airport (1973 – 1974)
10	Braniff Trip Parings (May, 1974)
11	Braniff Airways Promotional Material (1945 – 1965)
12	Braniff Advertising Program for 1960 (1960)
13	“Braniff and Lockheed Electra Flight” (1965)
14	Braniff 707-227 Promotional Book (1969)
15	Braniff Airways “Super El Dorado Jet” Advertising Program (1970)
16	“727 Braniff Place” Promotional Material (1971)

Box 5

<u>Folder</u>	
1	Braniff Airways Safeguarding Military Information (1943)
2	Braniff Air Cargo Flight Manual Revisions (1943; 1968)
3	Braniff Airways Insurance Plans (1946 – 1979)
4	Braniff Airways Radio Operations and Regulations (1946)
5	Braniff Airways Accident Procedures (1948)
6	Braniff Research and Statistics Manual Revision (1949 – 1952)

R.W. Hayes Container List**Series I: Documents****Box 5****Titles, Dates, and Description****Folder**

8	Braniff Airways Mutual Aid Plan for Pilots (1965)
9	Braniff Instrument Training (1965)
10	Meteorology Training (1965)
11	Braniff Oxygen System Change Information (1969)
12	Braniff Emergency Procedures Manuals (1969)
13	Braniff Doppler Navigation Training (1966 – 1970)
14	Braniff Retirement Plan for Pilot's (1969, 1972)
15	Braniff International Federal Air Marshall Program (1970)
16	Braniff International Pilot Uniforms (1973)
17	Braniff International DFW Plans (1973)
18	Braniff Employee Handbook (1974)

Box 6**Folder**

1	Braniff Pilot Qualification Report (1972)
2	Braniff Airways Remittance Receipts (1947 – 1950)
3	Notes Taken at Braniff Check Pilot's Meeting (September 18 th , 1974)
4	Braniff Pilots Due For En-route Flight Checks (1974)

5 Lists of Braniff Check Pilots (1968 – 1972)

R.W. Hayes Container List
Series I: Documents

Box 6 **Titles, Dates, and Description**

Folder

- | | |
|----|---|
| 6 | Pilot Briefing on Competition with Southwest Airlines: Love Field to Houston Hobby and San Antonio (1974) |
| 7 | Braniff International Flight Operations Fuel Management Program (1976) |
| 8 | Convair CV-340 Operation Information (1952 – 1965) |
| 9 | Braniff Lockheed L-188 Operation Information (1965) |
| 10 | Braniff Douglas DC-3 Operation Information (1950) |
| 11 | Braniff Douglas DC-4 Operation Information (1953) |
| 12 | Braniff Douglas DC-6/DC-7 Operation Information (1965) |
| 13 | Braniff Boeing 707 Power Chart (1961) |
| 14 | Braniff Boeing 707 Mach .82 Cruise Power Charts (1964) |
| 15 | Boeing Operations Bulletin for B-707 (1965; 1974) |
| 16 | Braniff Boeing 707 Training (1965 – 1967) |

Box 7

Folder

- | | |
|---|--|
| 1 | Braniff/PAA Boeing 707 Difference Manual (1965 – 1970) |
| 2 | Braniff Fleet Power Settings Comparison (1965) |
| 3 | Braniff Boeing 707 Pilot's Reference Manual (1966) |

- 4 Braniff Boeing 707 Checklists (1961 – 1962)
- 5 Braniff Boeing 707 Simulator Record Sheets (1969)

R.W. Hayes Container List
Series I: Documents

Box 7 **Titles, Dates, and Description**

Folder

- 6 Braniff Boeing 707 Loads Charts (1965)
- 7 Braniff Boeing 707 Operations Manual Revisions (1965 – 1971)
- 8 Braniff Boeing 707-327C Mainland – Hawaii Operation (1969)
- 9 Braniff Boeing 707 Initial Training (1964 – 1966)
- 10 Braniff Boeing 727 Technical Training (1965)
- 11 Braniff Boeing 727 Performance Information (1968 – 1969)
- 12 Braniff Boeing 727 Difference Manuals (1969)

Box 8

Folder

- 1 Boeing 727 Flight Standards (1969 – 1972)
- 2 Braniff Boeing 727 Flight Engineer Training (1969 – 1974)
- 3 Braniff B-727 Handwritten Notes (1971)
- 4 Braniff Boeing 727 Engine Performance Data (1972)
- 5 Braniff Boeing 727 Flight Instruments (1972)
- 6 Braniff Boeing 727 Flight Operations manual (1972)
- 7 Braniff Boeing 727 Flight Performance and Planning (1975)
- 8 Braniff Boeing 727 Diagrams (1975)

- 9 Braniff Boeing 747 Diagrams (1970)
- 10 ALPA Constitution and By-laws (1938 – 1974)

R.W. Hayes Container List
Series I: Documents

Box 8 **Titles, Dates, and Description**

Folder

- 11 ALPA Correspondence (1942 – 1948)
- 12 ALPA Council #42 (Braniff-Dallas) Newsletter (1945 – 1952)

Box 9

Folder

- 1 ALPA Council #42 (Braniff-Dallas) Minutes of Meetings (1945 – 1948; 1971; 1974 – 1975)
- 2 ALPA Council #42 (Braniff-Dallas) Organization and Business (1945 – 1974)
- 3 ALPA Publications (1943 – 1965)
- 4 ALPA Authorization for Representation Cards (1945 – 1946)
- 5 ALPA Airline Negotiating Committee (1946)
- 6 ALPA Membership Cards (1945 – 1946)
- 7 ALPA Monthly Flying Time Cards (1945 – 1946; 1950)
- 8 ALPA News Bulletin (1951; 1953)
- 9 ALPA Information Sheets (1951 – 1953)
- 10 ALPA Dues Notices (1945 – 1953)
- 11 ALPA National Airlines Strike (1948 – 1949)
- 12 ALPA Retirement Plan (1949)

- 13 ALPA Award in Arbitration: Merger of Pilots of Braniff Airways and Mid-Continent Airways (1952)

R.W. Hayes Container List

Series I: Documents

Box 9

Titles, Dates, and Description

Folder

- 14 ALPA Correspondence (1952 – 1969)
- 15 ALPA Mutual Aid Fund (1953)
- 16 ALPA Boeing 707-120 Evaluation Committee (1958)
- 17 ALPA – Braniff Contract Changes and Negotiations (1969)
- 18 ALPA – Braniff Concerns Over New Altimeters (1971)
- 19 ALPA Safety Committee (1971)
- 20 ALPA – Braniff Pilot Retirement Fund (1956 – 1973)
- 21 ALPA Pilot’s Grievance: O.W. Hanks vs. Braniff Airways, Inc. (1958)

Box 10

Folder

- 1 Agreement between Braniff Airways, Inc. and ALPA (1939 – 1974)
- 2 Radiograms (1937 – 1965)
- 3 CAA Civil Air Regulations (1939 – 1940)
- 4 CAA Bulletins (1940 – 1942)
- 5 CAA Manual of Operations (1940 – 1943)
- 6 Civil Aeronautics Board Accident Reports (1942 – 1945)
- 7 CAA Information Booklets (1946)

8 CAB Regulation Amendments (1942 – 1944)

R.W. Hayes Container List
Series I: Documents

Box 10

Titles, Dates, and Description

Folder

- | | |
|----|--|
| 9 | CAB Flight Training Manuals (1944) |
| 10 | CAA Air Traffic Control Center Operations (1944 – 1947) |
| 11 | CAB invitation to Bid for Surplus Aircraft (1944) |
| 12 | CAB Safety Bulletins (1944) |
| 13 | Kansa City Municipal/Fairfax Airport Control Tower Instructions (1945) |
| 14 | CAB General Correspondence (1945) |

Box 11

Titles, Dates, and Description

Folder

- | | |
|---|---|
| 1 | FAA Air Marshall Program (1970) |
| 2 | FAA Memoranda (1968 – 1970, 1974) |
| 3 | Correspondence Course on Meteorology (1952) |
| 4 | FAA Pilot Briefings (1965) |
| 5 | FAA Advisory Circular (1975; 1981; 1987) |
| 6 | FAA Publications (1967 – 1980) |
| 7 | FAA Pilot Flight Test Guide (1975; 1984) |
| 8 | FAA Airman’s Information Manual (1993) |
| 9 | Texas Aeronautics Commission (1988) |

10 Civil Air Patrol (CAP) Applications (1948)

R.W. Hayes Container List
Series I: Documents

Box 11 **Titles, Dates, and Description**

Folder

- | | |
|----|---|
| 11 | Selective Service Information and Forms (1940 – 1942) |
| 12 | Cargo Operations, Forms, and Procedures (1942 – 1945) |
| 13 | U.S. Government Flight Test Forms (1950 – 1965) |
| 14 | U.S. Department of Commerce/NOAA Airport Facility Directory:
South Central U.S. (1988) |
| 15 | War Department ATC Regulations (1943 – 1944) |

Box 12 **Titles, Dates, and Description**

Folder

- | | |
|---|---|
| 1 | Aircraft Radio Equipment (1941 – 1962) |
| 2 | R.W. Hayes Personal Radio Navigation Notes (1942) |
| 3 | Pan American Airways Radio Facility Reports (1942) |
| 4 | Weekly Notice to Airmen (1942 – September, 1943) |
| 5 | Weekly Notice to Airmen (October, 1943 – 1944) |
| 6 | Army Air Forces Radio Facility Charts (1943) |
| 7 | Army Air Forces Instrument Approach Procedures (1944) |
| 8 | Air Navigation Radio Aids (1944 – 1946) |
| 9 | Airport Approach Diagrams (1946; 1970 – 1971) |

10 Airway and Radio Charts (1945 – 1947)

11 Airman's Guide (1946)

R.W. Hayes Container List

Series I: Documents

Box 13

Titles, Dates, and Description

Folder

- | | |
|---|---|
| 1 | Costal Radio Facility Charts – U.S.A. (1949) |
| 2 | Aerial Navigation (1943 – 1973) |
| 3 | Miscellaneous Brochures and Pamphlets (1938 – 1963) |
| 4 | Flight Safety (1947 – 1967) |
| 5 | Weather Flying (1941 – 1965) |
| 6 | Instrument Flying (1944 – 1963) |
| 7 | Approach and Landing Information (1949 – 1963) |

Box 14

Folder

- | | |
|---|---|
| 1 | Radar and Navigation (1962 – 1975) |
| 2 | DC-6 and BAC-111 Flight Standards (1959, 1963) |
| 3 | Flight Crew Testing (1963) |
| 4 | LTN-51 Inertial Navigation System (1963) |
| 5 | Electrical Equipment (1965 – 1973) |
| 6 | Miscellaneous Business Aviation Documents (1965 – 2000) |
| 7 | Navigational Aids (1965) |
| 8 | Jet Engine and Turbines (1963 – 1972) |
| 9 | World War II Army Air Force Pamphlets (1940 – 1945) |

R.W. Hayes Container List
Series I: Documents

<u>Box 15</u>	<u>Titles, Dates, and Description</u>
<u>Folder</u>	
1	Aviation Contracts (1985)
2	Mortgage and Liens (1942 – 1945)
3	1 st National Bank of Brownsville (1943 – 1944)
4	City National Bank (1942 – 1944)
5	Dallas National Bank (1952 – 1953)
6	Highland Park State Bank (1944 – 1946)
7	Office of Price Administration Ration Books (1940 – 1945)
8	Hotel Receipts (1942 – 1944)
9	Automotive Receipts (1943 – 1953)
10	Aviation Related Repeats (1940 – 1947)
11	Miscellaneous Receipts (1940 – 1975)
12	Receipts form the Baptist Foundation of Texas (1948 – 1951)
13	Miscellaneous Personal Material (1920 – 1953)
14	Freemasonry (1953 – 1954)
15	R.W. Hayes Personal Correspondence (1941 – 1953)
16	R. W. Hayes I.D. Cards and Business Cards (1945 – 1965)
17	Last Will and Testament of Raymond Willard Hayes (1973)
18	City and State Taxes – Texas (1946)

19 Foreign Postcards (1938 – 1939)

R.W. Hayes Container List
Series I: Documents

Box 15 **Titles, Dates, and Description**

Folder

- | | |
|----|--|
| 20 | Correspondence from Clyde Haggard: Settlement of Betts' Estate (1972 – 1974) |
| 21 | Federal Income Tax Returns and Information (1940 – 1951) |

Box 16 **Titles, Dates, and Description**

Folder

- | | |
|----|--|
| 1 | Personal Notebooks (1979) |
| 2 | Lockheed Jetstar II Owners (1989) |
| 3 | Lockheed Jetstar II Proposals (1978) |
| 4 | Ai Research Aviation – TEE 731 Jetstar Program (1979) |
| 5 | Lockheed Jetstar II vs. Gulfstream II Comparison (1978) |
| 6 | Lockheed Jetstar Photographs (1978) |
| 7 | Lockheed Jetstar/C-140 Quarterly Operation/Flight Time Report (1986) |
| 8 | Lockheed 382-G Hercules (1974 – 1984) |
| 9 | Lockheed L-100 Owner Operators (1986) |
| 10 | Lockheed Jetstar General Data (1986 – 1993) |
| 11 | John E. Powers and The Lockheed Jetstar (1976 – 1996) |
| 12 | John E. Powers Scrapbook – Folder A (1948 – 1996) |

R.W. Hayes Container List
Series I: Documents

Box 17

<u>Folder</u>	<u>Titles, Dates, and Description</u>
1	Insurance Policies (1940 – 1955)
2	Sic-Sac Motion Sickness Bags (n.d.)
3	Humor – Witty and Pithy Sayings (1985 – 1986)
4	Miscellaneous Personal Items (1975)
5	Postcards (1945 – 1965)
6	Miscellaneous Personal Data (1940 - 1953)
7	Miscellaneous Personal Data (1953 – 1975)
8	US NACA Technical Notes (1968)
9	Miscellaneous Navigation and Operations Notes (1945 – 1975)
10	Personal Notes (1941; 1963 – 1982)

Box 18

<u>Folder</u>	
1	Braniff Employee Identification Card Information Forms (1968)

Box 19 **Titles, Dates, and Description**

<u>Folder</u>	
1	3 Books of R.W. Hayes Personal Notes on the operation of the DC-3 (1943)

2 7 Books of R.W. Hayes Personal Notes on the Operation of the Boeing 727 (1965)

R.W. Hayes Container List

Series II: Photographs

Box 1

Titles, Dates, and Description

Folder

- | | |
|----|--|
| 1 | Photographs: Raymond Willard Hayes (1927 – 1976) |
| 2 | Photographs: Tom Braniff (1930 – 1931) |
| 3 | Photographs: Alexander Calder (1976) |
| 4 | Photographs: John Casey (1974) |
| 5 | Photographs: Harding L. Lawrence (1974) |
| 6 | Photographs: Braniff Facilities (1976 – 1977) |
| 7 | Braniff Employee I.D. Photographs – Folder A (1972) |
| 8 | Braniff Employee I.D. Photographs – Folder B (1972) |
| 9 | Photographs: Named Braniff Employee Service Awards (1964 – 1972) |
| 10 | Photographs: Braniff Employees on the Job (1967 – 1970) |
| 11 | Photographs: Braniff Ground Crews (1976 – 1977) |
| 12 | Photographs: Braniff Maintenance Staff (1976 – 1977) |
| 13 | Photographs: Braniff Operations Staff (1976 – 1977) |
| 14 | Photographs: Braniff Pilot's and Flight Crews (1976 – 1977) |

Box 2

Folder

- | | |
|---|--|
| 1 | Photographs: BISE Banquets (1980 – 1989) |
|---|--|

2 Photographs: NBAA and CBAA Conferences (1986 – 1987)

R.W. Hayes Container List

Series II: Photographs

Box 2 Titles, Dates, and Description

Folder

3 Photographs: Shriner's Initiation Aboard Braniff Jet (1974)

4 Photographs: Hotels – Central and South America (1976 – 1977)

5 Braniff Negatives (1976 – 1977)

6 Braniff Paper Cut-Outs (1968)

7 Photographs: Hail Damage to Braniff DC-4 (1952)

8 Braniff Employees by Concorde (1973)

9 Photographs: Lockheed Jetstar II (1976 – 1977)

10 Photographs: Braniff Aircraft (1940 – 1977)

11 Photographs: Miscellaneous Aircraft (1934 – 1969)

12 Photographs: Class of 1935, Denison High School 40th Reunion (1975)

Box 3

Folder

1 R.W. Hayes and Lois 50th Anniversary Memory Book (1990)

2 Photograph: Braniff's El Dorado Jet – 707-227 (1968)

3 Denison Herald Article: Hayes Retirement from Braniff (1976)

4 Braniff International Certificate of Appreciation for R.W. Hayes (1976)

5 Conferral of Masonic Degree upon R. W. Hayes (1964)

R.W. Hayes Container List
Series II: Photographs

<u>Box 3</u>	<u>Titles, Dates, and Description</u>
<u>Folder</u>	
6	Painting of BISE Logo (1975)
7	R.W. Hayes 35 Year Retirement Plaque – Braniff International (1976)
8	Plaque of R.W. Hayes FAA Certification License and Ratings (1966)

R.W. Hayes Container List
Series III: Newsletters and Press Clippings

Box 1 **Titles, Dates, and Description**

Folder

- | | |
|---|--|
| 1 | BISE By-laws and Directory (1974; 1985) |
| 2 | BI Retired Pilots Club Newsletter (1970) |
| 3 | BISE Newsletter (1970 – 1979) |
| 4 | BISE Newsletter (1980 – 1984) |
| 5 | BISE Newsletter (1985 – 1989) |
| 6 | BISE Newsletter (1990 – 1993) |

Box 2 **Titles, Dates, and Description**

Folder

- | | |
|---|---|
| 1 | Cessna Skylane Society Newsletter (1976 – 1977) |
| 2 | Miscellaneous Newsletters (1972 – 1974) |
| 3 | Denison High School Class Reunions (1973 – 1988) |
| 4 | Press Clippings: Raymond Willard Hayes Personal (1929 – 1982) |
| 5 | Press Clippings: Raymond Willard Hayes Retirement from Braniff International (1976) |
| 6 | Press Clippings: R.W. Hayes as Flight Instructor – Denison, TX (1940) |
| 7 | Press Clippings: Braniff Aircraft Accidents (1948 – 1955) |
| 8 | Press Clippings: Braniff Airlines (1948 – 1982) |

- 9 Press Clippings: Aviation News (1965 – 1994)
- 10 Press Kit: Concorde Visits DFW (1973)

R.W. Hayes Container List

Series III: Newsletters and Press Clippings

Box 3

Titles, Dates, and Description

Folder

- 1 Press Clippings: Denison Herald (1945 – 1993)
- 2 Press Clippings: Dallas Morning News (1953 – 1994)
- 3 R. Willard Hayes Retirement Issues of BISE (1976)
- 4 R. Willard Hayes Retirement from Braniff (1976)
- 5 List of Pilots for Formation of Braniff Retired Pilots Organization (1969)
- 6 Meeting to Organize Braniff Retired Pilot’s Group (1969)
- 7 Formation of Braniff Retired Pilots Organization (1969)
- 8 BISE Emblem and Cap (1974 – 1976)

R.W. Hayes Container List
Series IV: Maps and Charts

<u>Box 1</u>	<u>Titles, Dates, and Description</u>
<u>Folder</u>	
1	US Regional Aeronautical Charts (6M – 7M) – (1944 – 1947)
2	US Regional Aeronautical Charts (8M – 11M) – (1944 – 1947)
3	US Regional Aeronautical Charts (12M – 13M) – (1944 – 1947)
4	Maps: Kansas City, KA (T-6) – (1944 – 1947)
5	Maps: Salina, KA (T-5) – (1944 – 1949)
6	Maps: Wichita, KA (S-5); Kansas Rive, KA (360); Wichita Mountains (407) – (1944 – 1947)
7	Maps: Oklahoma City, OK (R-5); Tulsa, OK (rp6) – (1944 – 1949)
8	Maps: Trinidad, Texas – Oklahoma Border Region (1943 – 1946)
9	Maps: Austin, TX (P-5); Beaumont, TX (P-6); Corpus Cristi, TX (N-5) – (1944 – 1947)
10	Maps: Dallas, TX (Q-5) – (1944 – 1950)
11	Maps: San Antonio, TX (O-5) – (1942 – 1946)
12	Maps: Chicago, IL (1940 – 1947)
13	Maps: Little Rock, AR (R-6); Shreveport, LA (Q-6) – (1946)
14	Maps: Des Moines, IA (U-6); Lincoln, NE (U-5); Milwaukee, WI (U-7) – (1945 – 1947)
15	Maps: Albuquerque, NM (R-4); Cheyenne, WY (U-4); Denver, CO (T-4) – (1943 – 1945)
16	Maps: Eastern Pacific (3096) – (1969 – 1971)

17 Maps: Dallas Fort Worth, Denver, Seattle (CF-16) – (1973 – 1991)

R.W. Hayes Container List
Series IV: Maps and Charts

Box 1 **Titles, Dates, and Description**

Folder

18 Rand McNally Pocket Maps – Mexico and Central America (ca. 1939)

19 USAF Global Loran Navigation Chart – GLC – 9 (1968)

20 World Map (ca. 1936)

R.W. Hayes Container List
Series V: Logbooks

<u>Box 1</u>	<u>Titles, Dates, and Description</u>
<u>Folder</u>	
1	Pilot Flight Record Book #1 (1939 – 1940)
2	Pilot Flight Record Book #2 (1940 – 1941)
3	Pilot Flight Record Book #3 (1941)
4	Pilot Flight Record Book #4 (1941 – 1944)
5	Pilot Flight Record Book #5 (1944 – 1946)
6	Pilot Flight Record Book #6 (1947 – 1948)
7	Pilot Flight Record Book #7 (1948 – 1950)
8	Pilot Flight Record Book #8 (1951 – 1952)
9	Pilot Flight Record Book #9 (1953 – 1956)
10	Pilot Flight Record Book #10 (1956 – 1960)
11	Pilot Flight Record Book #11 (1961 – 1964)
12	Pilot Flight Record Book #12 (1965 – 1970)
13	Pilot Flight Record Book #13 (May – August, 1970)
14	Pilot Flight Record Book #14 (1974 – 1987)
15	Flight Log (June 24, 1947 – May 22, 1948)
16	Flight Log (1949)
17	Flight Log (1949 – 1950)
18	Flight Log (1950 – 1951)

19 Flight Log (1951 – 1953)

20 Flight Log (1953)

R.W. Hayes Container List

Series V: Logbooks

Box 1 Titles, Dates, and Description

Folder

21 Flight Log (1954)

22 Flight Log (1955)

23 Flight Log #1 (1956)

24 Flight Log #2 (1956)

25 Flight Log (1957)

26 Flight Log (1958)

27 Flight Log (1959)

28 Flight Log (1959 – 1960)

29 Flight Log (1960)

30 Flight Log (1960)

31 Flight Log (1961)

32 Flight Log (1961)

33 Flight Log (1961)

34 Flight Log (January 2, 1962 – June 8, 1962)

35 Flight Log (July 23, 1962 – September 8, 1962)

36 Flight Log (October 1, 1962 – January 1, 1963)

37 Flight Log (January 1, 1963 – May 24, 1963)

38 Flight Log (May 24, 1963 – October 26, 1963)

- 39 Flight Log (October 26, 1963 – April 20, 1964)
- 40 Flight Log (April 20, 1964 – September 17, 1964)

R.W. Hayes Container List

Series V: Logbooks

Box 1 Titles, Dates, and Description

Folder

- 41 Flight Log (September 18, 1964 – January 31, 1965)
- 42 Flight Log (February 1, 1965 – May 31, 1965)
- 43 Flight Log (June 1, 1965 – September 18, 1965)
- 44 Flight Log (September 18, 1965 – December 26, 1965)
- 45 Flight Log (December 26, 1965 – May 1, 1966)
- 46 Flight Log (May 1, 1966 – August 31, 1966)
- 47 Flight Log (September 1, 1966 – December 30, 1966)
- 48 Flight Log (January 1, 1967 – May 1, 1967)
- 49 Flight Log (May 1, 1967 – October 27, 1967)
- 50 Flight Log (November 1, 1967 – March 19, 1968)
- 51 Flight Log (March 21, 1968 – June 1, 1968)
- 52 Flight Log (June 4, 1968 – August 31, 1968)
- 53 Flight Log (September 1, 1968 – April 1, 1969)
- 54 Flight Log (April 1, 1969 – August 1, 1969)
- 55 Flight Log (August 1, 1969 – November 25, 1969)
- 56 Flight Log (November 27, 1969 – December 12, 1969)
- 57 Flight Log (December 29, 1969 – April 1, 1970)
- 58 Flight Log (April 1, 1970 – August 31, 1970)

59 Flight Log (September 1, 1970 – December 1, 1970)

60 Flight Log (December 1, 1970 – March 19, 1971)

R.W. Hayes Container List

Series V: Logbooks

Box 1 Titles, Dates, and Description

Folder

61 Flight Log (March 19 , 1971 – July 6, 1971)

62 Flight Log (July 9, 1971 – September 30, 1971)

63 Flight Log (October 1, 1971 – February 2, 1972)

64 Flight Log (February 18, 1972 – May 16, 1972)

65 Flight Log (May 17, 1972 – August 12, 1972)

66 Flight Log (August 14, 1972 – December 11, 1972)

67 Flight Log (December 12, 1972 – March 1, 1973)

68 Flight Log (March 1, 1973 – June 10, 1973)

69 Flight Log (June 14, 1973 – November 5, 1973)

70 Flight Log (November 5, 1973 – May 1, 1974)

71 Flight Log (May 1, 1974 – November 25, 1974)

72 Flight Log (November 26, 1974 – June 1, 1975)

73 Flight Log (June 1, 1975 – October 23, 1975)

74 Flight Log (October 29, 1975 – April 1, 1976)

75 Flight Log (April 1, 1976 – February 28, 1978)

76 5 Miscellaneous Logbooks (1939 – 1977)

R.W. Hayes Container List
Series VI: Manuals

<u>Box 1</u>	<u>Titles, Dates, and Description</u>
<u>Folder</u>	
1	Historical Data: A Chronicle of American Aviation Events (1957)
2	Kolsman Precision Aircraft Instruments (1942)
3	Operation Ice (1953)
4	Further Studies of Thunderstorm Conditions with Respect to Turbulence (1949)
5	Instructions for United Air Lines Flight and Equivalent Wind Calculator (1943)
6	United States CAA Pilot's Radio Manual (1949)
7	Braniff Radio Facility Charts – Manual #R-83 (1950)
8	Braniff Pilot's Radio Training Manual (L/F Range, ADF, ILS, VOR) – (1952)
9	Braniff Flight Operations Manual #500 Volume 1 (1974)
10	Braniff Flight Operations Manual #500 Volume 2 (1974)
11	Jeppesen Airway Manual Volume I (1991 – 1992)
12	Jeppesen Airway Manual Volume II (1991 – 1992)
13	18 miscellaneous Jeppesen Airway Charts (1992)
14	NOAA Aeronautical Charts (1992)

Box 2

Folder

- 1 Braniff Cargo Operations Manual (1944)
- 2 Military Operations Cargo Manual (1943)

R.W. Hayes Container List
Series VI: Manuals

Box 2 **Titles, Dates, and Description**

Folder

- 3 Braniff hangar Fires (1942)
- 4 Basic Lecture in Instrument Flight – Bryan, TX (1942)
- 5 United States CAA Flight Instruction Manual (1941)
- 6 Airframe Mechanic – CAA Exam (1944)
- 7 Power Plant Mechanic – CAA Exam (1944)
- 8 Aeronautics Ground School Guide (1943)
- 9 The New Cadet Ground School Training (1935)
- 10 Oil Power (1949)
- 11 Instrument Manual For Airlines War Training Institute (1942)
- 12 Aviation Sketchbook (1945)
- 13 Airlines War Training Institute Electrical Shop (1942)
- 14 Airlines War Training Institute Navigation Principles (1942)
- 15 Pilot Safety and Warnings (1985)
- 16 Exam-O-Grams (1965)
- 17 327 Flight Plan (1970)
- 18 138B Flight Plan (1971)
- 19 Radio and Instrument Flying (1940)
- 20 Carousel IV INS (1969)

- 21 Instrument Flight Charts (1952)
- 22 Army Air Force Instrument Flight Charts (1945)

R.W. Hayes Container List
Series VI: Manuals

Box 3 **Titles, Dates, and Description**

Folder

- 1 Braniff Pilot Training – Visual Aural Ranges and OmniRanges (1949)
- 2 Braniff Pilot Training – ILS System (1949)
- 3 Pilot’s Scheduling Manual (1951)
- 4 Braniff Pilot Training Manual #2 (1941)
- 5 Braniff Pilot Training Manual #72 (1941)
- 6 Braniff – United Air Lines Difference Manual (1965)
- 7 Braniff – Pan American Airways Interchange Aircraft (1963)
- 8 Braniff – Pan American Airways Planning and Loads (1963)
- 9 Braniff – Pan American Airways Difference Manual (1963)
- 10 Braniff Flight Standards (1970)
- 11 Braniff Crew Log (1970)
- 12 Braniff Engine Out Ferry Manual (1971)
- 13 Braniff Operations Manual #123 (1942)
- 14 Braniff Operations Manual #249 (1942)
- 15 Braniff Operations Manual (19420)
- 16 APS Asbestos Hill Air Logistics Study for the Societe Asbestor Limitee (1980)
- 17 Boeing Q&A (1965)

R.W. Hayes Container List
Series VI: Manuals

<u>Box 4</u>	<u>Titles, Dates, and Description</u>
<u>Folder</u>	
1	Boeing 70 Flight Standards (1970)
2	Boeing 707 Training Manual (1970)
3	Boeing 707 Pilots Manual (1959)
4	Boeing 707/720 Index (1963)
5	Boeing 707 Revised Operations Manual (1966)
6	Boeing 707-138B Flight Plan (1970)
7	Boeing 707-138B F.P. & P. Manual (1960)
8	Boeing 707-227 Flight Plan Manual (1960)
9	Boeing 707-321 Flight Plan Manual (1962)
10	Boeing 707-327 Flight Plan Manual (1970)
11	Boeing 707/720-327 Flight Standards (1972)
12	Boeing 720 Flight Standards Manual (1961)
13	Boeing 727 ALPA Evaluation Report (1965)
14	Boeing 727 Flight Standards (1972)
15	Boeing 727 Avionics Guide (1969)
16	Braniff – Eastern Airlines Boeing 727 Aircraft Difference manual (1968)
17	Boeing 727 Flight Training Manual (1963)

R.W. Hayes Container List
Series VI: Manuals

<u>Box 5</u>	<u>Titles, Dates, and Description</u>
<u>Folder</u>	
1	American Airline Boeing 727 Flight Standards (1965)
2	Braniff Boeing 727 Detail Specifications (1963)
3	Braniff Boeing 727 Operations Manual (1965)
4	Braniff Boeing 727-QC Operations Manual (1965)
5	Braniff Boeing 727 Manual Index 1 & 2 (1965)
6	Braniff DC-2 Pilots Training Manual (1939)
7	Braniff DC-2 Pilots Manual (1940)
8	Braniff DC2A Pilots Manual (1939)
9	Douglas DC-3 Manual (1939)
10	Douglas DC-3 Manual (1944)
11	Douglas DC-3A Flight Operations Manual (1940)
12	Handbook of Instruction for DC-3-314 (1939)
13	Standards and Operation of the DC-3 and DC-4 (1943)
14	Douglas DC-4 Pilot's Outline (1943)
15	Douglas DC-4A & B Handbook of Operations (1948)
16	Douglas DC-4 Q&A (1948)

R.W. Hayes Container List
Series VI: Manuals

<u>Box 6</u>	<u>Titles, Dates, and Description</u>
<u>Folder</u>	
1	Douglas DC-6/7 Operations Manual (1953)
2	Douglas DC-6/7 Operations Manual (1954)
3	Douglas DC-6 Operations Manual (1954)
4	Douglas DC-6 Q&A (1949)
5	Water/Alcohol ADI: DC-6 Pilots (1954)
6	Braniff Douglas DC-6 Q&A (1952)
7	Douglas DC-7C Pilot Ground School Outline (1956)
8	Douglas DC-7C Q&A (1958)
9	Cessna Model 182-F and Skylane Pilot's Manual (1963)
10	Convair CV 340-440 Pilot's Handbook (1960)
11	Convair CV 340 Outline (1960)
12	Convair CV 340 Q&A (1960)
13	Testing the BAC-111 (1963)
14	C-54 Flight Instruments (1944)
15	C-54 Pilot's Training Manual (1945)
16	Lockheed L-188 Flight Guide (1959)
17	Lockheed L-188 Q&A (1962)
18	Lockheed L-188 Elektra Operations Manual (1967)

19

Lockheed L-188 Elektra Pilot's Outline (1958)

R.W. Hayes Container List

Series VI: Manuals

Box 6

Titles, Dates, and Description

Folder

20

Lockheed L-049 Operations Manual (1956)

21

Boeing Ground School Training (1965)

22

Boeing 247-D Operations Manual (1939)