

MS-513, Dennis W. Jarvi Aviation Collection

Collection Number: MS-513

Title: Dennis W. Jarvi Aviation Collection

Dates: 1942-1997 (bulk 1965-1979)

Creator: Jarvi, Dennis W.

Summary/Abstract: The collection consists of flight manuals, owner's manuals, handbooks, and pilot training materials for aircraft, many of which Jarvi piloted, including the jet fighter planes he flew during his distinguished career in the United States Air Force. Jarvi served with the 469 Tactical Fighter Squadron (TFS) during the Vietnam War, completing 100 missions, and receiving the Third Oak Leaf Cluster to the Distinguished Flying Cross. Complementing the flight manuals and handbooks are lithographs, photographs and posters of the aircraft, including the F-104 Starfighter, F-105 Thunderchief, and T-38 Talon.

Quantity/Physical Description: 3.4 linear feet (5 document cases and 2 oversize folders)

Language(s): English

Repository:

Special Collections and Archives, Paul Laurence Dunbar Library, Wright State University, Dayton, OH 45435-0001, (937) 775-2092.

Restrictions on Access: There are no restrictions on accessing material in this collection.

Restrictions on Use:

Copyright restrictions may apply. Unpublished manuscripts are protected by copyright. Permission to publish, quote, or reproduce must be secured from the repository and the copyright holder.

Preferred Citation:

[Description of item, Date, Box #, Folder #], MS-513, Dennis W. Jarvi Aviation Collection, Special Collections and Archives, University Libraries, Wright State University, Dayton, Ohio.

Acquisition: The collection was donated to Special Collections & Archives by Dennis W. Jarvi on Feb. 18, 2016. Additions were received July 1, 2016 and September 8, 2016.

Separated Material:

Several aviation books and publications donated by Dennis Jarvi are cataloged and available in the Special Collections & Archives Reading Room. The titles are searchable in the catalog at <https://catalog.libraries.wright.edu/> by a keyword search on "Dennis W. Jarvi." The topics include aerospace medicine, and studies at Wright-Patterson Air Force on infrared systems in aircraft for night flying. Of note is a publication authored by Lt. Col. Dennis Jarvi (FTC-TIH 64-2005) *Investigation of*

Spatial Disorientation of F-15 Eagle Pilots published in 1981. Also of note are books by Russell Genet from Fairborn, Ohio and published by the Fairborn Press.

Oversize items are located at Dunbar in location 115.

Other Finding Aid: The finding aid is available on the Special Collections & Archives, Wright State University Libraries web site at http://www.libraries.wright.edu/special/collection_guides/guide_files/ms513.pdf. It is also available in the OhioLINK Finding Aid Repository at <http://ead.ohiolink.edu/xtf-ead/>.

Processed by: Toni Vanden Bos, December, 2016

Arrangement:

The collection is arranged into 3 series:

- Series I: Crew Check Lists, Handbooks, and Manuals, 1958-1992
- Series II: Pilot Training Courses and Training Publications, 1968-1994
- Series III: Posters, Photographs, and Signed Book, 1942, 1965-1975, 1997

Biographical/Historical Note:

Col. Dennis W. Jarvi served a long and distinguished career in the United States Air Force. He began his career by earning a BSME in Mechanical Engineering from Michigan Technological University in 1964. He later earned an MBA in Business Management in 1977 from the University of Utah, and attended Air War College from 1984-1985.

In October, 1967, Lt. Jarvi graduated from his F-105 course at Nellis AFB in Nevada, and was assigned to the 469 Tactical Fighter Squadron (TFS) at Korat Royal Thai Air Base (RTAB), Thailand. He flew 100 missions over North Vietnam as an F-105D pilot from October, 1967 to May, 1968. During this time, he was one of nine F-105Ds pilots from the 469 TFS TFW that flew on the Rolling Thunder mission. He participated in a raid on the Paul Doumer highway and railroad bridge on December 14, 1967, which he spoke about during a visit from President Johnson to Korat RTAB on December 23, 1967. On December 19, 1967, Captain Jarvi, was one of four F-105Ds from the 469 TFS who participated in a morning mission from Korat, striking the south end of the Hanoi Railroad Classification Yard. They each dropped six 750-pound bombs. Capt. Jarvi was awarded the Third Oak Leaf Cluster to the Distinguished Flying Cross.

In June 1972 through July 1975, Jarvi led the F-104 USAF/Luftwaffe Fighter Weapons School as the Chief of the school. The following year, he was in Germany serving as F-104 NATO Evaluator at the Head Quarters of the USAF in Europe where he flew the F-104 with Belgian, Canadian, German, Italian (F-104G and F-104S at Rimini), and Netherlands F-104 Fighter Squadrons. His flight crew list is in the collection.

In 1981, Lt. Col. Dennis Jarvi was Chief of the Crew Equipment and Human Factors Division, and Directorate of Equipment Engineering in the Aeronautical Systems Division of the Air Force Systems Command. In this role, Jarvi authored the technical report *Investigation of Spatial Disorientation of F-15 Eagle Pilots* published in 1981. In 1982, Jarvi became the Director of Tacit Blue at Wright-Patterson

Air Force Base in Ohio. Jarvi later became the Commander of Air Force Human Resources Laboratory (AFHRL) at Brooks AFB in Texas from 1985-1990.

Dennis Jarvi is a member of the Pioneers of Stealth, an organization made up of members who were involved in the development of stealth technology. He is an active volunteer, serving as a Volunteer Naturalist with Greene County Parks and Recreation since 2008, volunteering with the Beaver Creek Wetlands Association since 1991, and participating as a member and past president of the Beaver Creek (Ohio) Rotary Club.

Scope and Content:

The collection contains flight manuals, pilot's operating handbooks, pilot training materials, posters, and photographs acquired by Dennis Jarvi throughout his life. Many of the aircraft for which there are flight manuals and pilot's operating handbooks, are aircraft which Jarvi flew, including those he flew as a fighter pilot in Vietnam. Similarly, several of the photographs, drawings, and lithographs of aircraft, depict models that Jarvi himself flew. The collection is arranged into three series.

Series I, Crew Check Lists, Handbooks, and Manuals, 1958-1992, is arranged alphabetically by aircraft model. The series starts with several owner's manuals and pilot's operating handbooks for Cessna models, mainly from the 1970s and 1980s. Next in the series are flight manuals for fighter planes, including the F-101, F-102, F-104, and F-105. The series also includes manuals and handbooks for Piper Apache, Piper Warrior, and Piper Cherokee models, as well as for the T-37B, T-38A, and T-39A.

Series II, Pilot Training Courses and Publications, 1968-1994, contains pilot training coursework for Cessna private planes. Also included are pilot training materials for the Sabreliner 40/60/60SC models. Finally, a few publications from the Private Pilot series are included, with lesson plans, information on the FAA exams, and an oral study guide.

Series III, Posters, Photographs, and Signed Book, 1942, 1965-1975, 1997, is a significant series in the collection containing both oversize and standard 8x10 size items. Aircraft depicted in the aviation artwork and photographs span from the WWII era through 1975, with the exception of a print of the space shuttle Discovery from 1997. Of note are two rare color lithographs signed by accomplished aces. The first is "Messerschmitt Bf.109E-3 of I Gruppe / Jagdgeschwader 27, 1940" signed by Erich Hartmann, a German pilot known as the most successful fighter ace in the history of aerial warfare. The second lithograph is titled "Supermarine "Spitfire V_B" (Rolls-Royce" Merlin 45/46) of No. 92 Squadron, Royal Air Force, 1941" by Keith Broomfield and signed by Robert Stanford Tuck, who was a British fighter pilot in the Royal Air Force with 29 kills during the Battles of France and Britain in WW II. Other aircraft depicted in this series include Flying Tigers from WWII, F-104 Starfighter, F-105 Thunderchief, F-5, F-15, F-16, T-38, and the USAF Thunderbirds. Two large aerial photographs of McConnell Air Force Base in the 1960s are also in this series. Of particular interest is a photograph of Dennis Jarvi as a captain in the USAF, sitting with President Lyndon Johnson at the Officer's Club at Korat RTAFB Thailand on Dec. 23, 1967, days after Jarvi participated in a mission to Paul J. Doumer Bridge in Hanoi. This series also contains the autograph Jarvi received from Generalmajor Adolph Galland, which is in Jarvi's copy of the 1969 book *Pictorial History of the Luftwaffe, 1933-1945* by Alfred Price.

Subject Terms:

Persons/Families

Jarvi, Dennis W.

Places

McCconnell Air Force Base (Kan.) – Aerial photographs

Subjects (General)

Aeronautics – Handbooks, manuals, etc.

Airplanes – Piloting – Handbooks, manuals, etc.

Aircraft – Photographs

Fighter planes

Cessna aircraft

T-37 (Training plane)

T-38 Talon (Training plane)

Piper PA-23 (Private planes)

Piper PA-28 (Private planes)

Delta Dagger (Jet fighter plane)

Starfighter (Fighter plane)

Thunderchief (Jet fighter plane)

Voodoo (Jet fighter plane)

Vietnam War (1961-1975)

Material Types

Books

Drawings (visual works)

Handbooks and manuals

Lithographs

Posters

Photographs

Collection Inventory

Series I		Crew Check Lists, Handbooks, and Manuals, 1958-1992	
<u>Box</u>	<u>File</u>	<u>Description</u>	<u>Date</u>
1	1	Cessna Model 150 Aerobat Owner's Manual	1971
1	2	Cessna Model 152 Information Manual	1981
1	3	Cessna Model 172 "Skyhawk" Owner's Manuals	1958, 1971
1	4	Cessna Model 177 RG "Cardinal RG" Pilot's Operating Handbook	1977
1	5	Cessna Model 185 "Skywagon" Owner's Manual	1971
1	6	Cessna 300 and 400 Series Electronic Communications and Navigation Equipment Owner's Manuals	1971
1	7	Cessna Turbo Centurion Owner's Manual and Pilot's Operating	1970, 1979-

		Handbook Revisions	1980
1	8	Cessna Pilot Safety and Warning Supplements	1992
1	9	F-101B and F-101F aircraft Flight Manual (T.O. 1F-101B-1)	1966
1	10	F-102A and TF-102A aircraft Flight Manual (T.O. 1F-102A-1)	1968
<u>Box</u>	<u>File</u>	<u>Description</u>	<u>Date</u>
2	1	F/RF/TF-104G (MAP) Flight Manual (T.O. 1F-104G-1S-49) : 1 of 3	1974
2	2	F/RF/TF-104G (MAP) Flight Manual (T.O. 1F-104G-1S-49) : 2 of 3	1974
2	3	F/RF/TF-104G (MAP) Flight Manual (T.O. 1F-104G-1S-49) : 3 of 3	1974
2	4	F-104 Consortium aircraft Check list Jarvi used when flying with several European F-104 units in Belgium, Germany, Holland, and Italy	Circa 1975
2	5	F-105 Thunderchief Pilot's Handbook on Communication Identification Navigation Subsystem (AN/ASQ-37)	1962
2	6	F-105D Thunderstick II Supplemental Flight Manual (T.O. 1F-105D-1-1)	1971
2	7	F-105D Thunderstick II Operational Supplement Flight Manual (T.O. 1F-105D-1S-231)	1971
2	8	F-105D, F-105F, and F-105G Appendix I Performance Data (T.O. 1F-105D-1)	Circa 1971
<u>Box</u>	<u>File</u>	<u>Description</u>	<u>Date</u>
3	1	F-105D "The Educated Nose of the F-105D, a pilots discussion of the R14A NASARR Radar Collins Radio company"	1962
3	2	H-35 Beechcraft Bonanza Pilot's Operating Handbook and FAA Approved Airplane Flight Manual (P/N 35-590073-15)	1976
3	3	PA-23 and PA-23-160 Piper Apache Owner's Handbook for Operation and Maintenance	1967
3	4	PA-28-140 Piper Cherokee 140 Owner's Handbook	Circa 1973
3	5	PA-28-151 Piper Cherokee Warrior Pilot's Operating Manual	1973
3	6	PA-28-161 Piper Cherokee Warrior II Information Manual	1976
3	7	PA-38-112 Piper Tomahawk Information Manual	1978
3	8	T-37B Pilots Guide, Communication, Identification, Navigation, Subsystem AN/ASQ-37 ATC Flight Crew Checklist	1963
3	9	T-38A aircraft Flight Manual (T.O. 1T-38A-1)	1963
3	10	T-39A Sabreliner Safety Supplement Flight Manual (T.O. 1T-39A-1) PART 1 of 2	1977
<u>Box</u>	<u>File</u>	<u>Description</u>	<u>Date</u>
4	1	T-39A Sabreliner Safety Supplement Flight Manual (T.O. 1T-39A-1) PART 2 of 2	1977

4	2	<i>Fight Maneuver Manual</i> by Holmes and Patterson	1966
4	3	Instrument Flying (AF Manual 51-37)	1971
4	4	<i>Standard Aircraft Handbook</i> by Leavell & Bungay	1975
Series II Pilot Training Courses and Publications, 1968-1994			
<u>Box</u>	<u>File</u>	<u>Description</u>	<u>Date</u>
4	5	<i>The Student Pilot's Flight Manual</i> by William K. Kershner	1968
4	6	Cessna Private Pilot Training Course	Undated
4	7	Cessna Integrated Flight Training System Instructor's Guide	1979
<u>Box</u>	<u>File</u>	<u>Description</u>	<u>Date</u>
5	1	Pilot Training Manual Sabreliner 40/60/60SC (Flight Safety International), Chapters 1-13	1994
5	2	Pilot Training Manual Sabreliner 40/60/60SC (Flight Safety International), Chapters 14-Appendix	1994
5	3	Sabreliner 40/60 Performance Initial Study Guide (Flight Safety International)	1994
5	4	Private Pilot FAA Exams Made Easy	1971
5	5	Private Pilot Lesson Plans: Airplane Single Engine Land for the Professional Flight Instructor	1983
5	6	Private Pilot Oral Study Guide	1993
Series III Posters, Photographs, and Signed Book, 1942, 1965-1975, 1997			
<u>Box</u>	<u>File</u>	<u>Description</u>	<u>Date</u>
OS 115	2	"Messerschmitt Bf.109E-3 of I Gruppe/Jagdgeschwader 27, 1940." Color Lithograph (15"x20"). Signed by Erik Hartmann, Luftwaffe, highest ace with 352 kills in WW II.	Undated
OS 115	2	"Supermarine "Spitfire VB" (Rolls-Royce" Merlin 45/46) of No. 92 Squadron, Royal Air Force, 1941" by Keith Broomfield. Color Lithograph (15" x 22"). Signed by Robert Stanford Tuck, Royal Air Force, 29 kills during WW II, Battles of France and Britain	Undated
OS 115	2	4 planes from the 15 th Tactical Reconnaissance Squadron incoming to shore. USAF Official Photo (black and white photograph)	Circa 1966
OS 115	2	Lockheed – U.S. Air Force F-104 Starfighter (color)	Undated
OS 115	2	"The Lineup" Starfighters (F-104) at UDORN Air Base, Thailand, U.S. Air Force photo by MSgt. Manuel. A Collaso (color)	1965
OS 115	2	F-104G, Serial Number 63-13265, from Luke AFB. AZ, flying over the Grand Canyon 1973 (Dennis Jarvi flew this aircraft on 24 Jan 1973, while teaching German Air Force pilots at Luke). Color Photograph (16" x 20")	1973
OS	2	F-104G, Serial Number 63-13231, 58 Tactical Fighter Wing, Luke AFB,	1975

115		AZ, 1975. (Dennis Jarvi flew this aircraft on 23 Dec 1974 while leading the USAF/German Air Force fighter Weapons School at Luke). Drawing by D. Kahler (16" x 20")	
OS 115	2	F-104 on Takeoff, Luke AFB, AZ. B&W Photograph (18" x 21.5")	Circa 1975
OS 115	2	Two F-104A's taking off (official USAF Base Support Lab Photo McConnell AFB, KS 20"x24")	Circa 1965
OS 115	2	Aerial B&W photograph of McConnell AFB compliments of 363 TRW (20" x 20")	Circa 1965
OS 115	2	Aerial photograph of McConnell AFB	Circa 1965
OS 115	2	Canadair CF-104 Starfighter by Jean-Luc Beghin. Drawing (18" x 24")	1976
OS 115	2	F-105D, Serial Number 60-0535, 562 Tactical Fighter Squadron, McConnell AFB, KS. Drawing (16" x 20") by D. Kahler	1973
OS 115	2	Capt. Dennis W. Jarvi and President Johnson at the Officer's Club at Korat RTAFB Thailand on Dec. 23, 1967 days after Jarvi participated in a mission to Paul J Doumer Bridge in Hanoi. Includes memo. B&W Photograph	1967 Dec. 23
OS 115	2	Four F-105 aircraft in flight from the 469 TFS on Dec. 14, 1967 piloted by Maj. Frank Byrnes (100 mission), Right Wing Capt. Ron Myers, Left Wing Maj. Jack Tobin, and Capt. Art Powell. B&W Photograph (16" x 20")	1967 Dec. 14
OS 115	2	"The Funnel-like boom of a KC-135 Strato-tanker delivers fuel to a U.S. Air Force F-105 Thunderchief over Southeast Asia." U.S. Air Force Photo by Staff Sergeant J. McCrossan (color)	1971
OS 115	2	F-105 Thunderchief with "iron bombs" U.S. Air Force photograph by SSgt. Deary Vaughn (color)	1968
OS 115	2	F-105 in flight, top view (color)	Circa 1970
OS 115	2	Republic F-105D Thunderchief United States Air Force	Circa 1968
OS 115	2	"Air Force Reserve F-105 Thunderchief" (U.S. Air Force photo by Ken Hackman)	Circa 1970
OS 115	2	"Reserve Thunder F-105" in formation (U.S. Air Force photo by Ken Hackman)	Circa 1973
<u>Box</u>	<u>File</u>	<u>Description</u>	<u>Date</u>
OS 115	3	F-5 in flight, Serial Number 01390. Color Photograph (15" x 20")	Circa 1973
OS 115	3	Flight of four T-38A [Photograph & Lithography, Northrop Norair Graphic Services 16" x 20"]	Undated
OS 115	3	Italian Air Force Aerobatic Team, Frecce Tricolori, flying MB-339 flying over the Piazza Venezia, Rome, Italy. Color Photograph (16" x	Undated

		11.5")	
OS 115	3	Promotional poster for the Red River Valley Fighter Pilots Association Second Stateside Reunion – San Antonio, TX, May 22-23, 1970	1970
OS 115	3	“The Fighter Pilot” Fairchild Hiller poster	Circa 1970
OS 115	3	“The Fighter Pilot” by Maxine McCaffrey dedicated to the Fighter Pilots who flew in Southeast Asia 1964-1973 (the fighter pilot is retired Major General Jeff Cliver earlier in his career) with a map of Vietnam in the background	Circa 1973
<u>Box</u>	<u>File</u>	<u>Description</u>	<u>Date</u>
5	7	McDonnell Douglas “USAF F-15 Eagle.” Color Print (8.5” x 11”)	Undated
5	7	General Dynamics/United States Air Force F-16 Air Combat Fighter. Color Print (8.5” x 11”)	Circa 1973
5	7	Northrop F-5E Tiger II from above in flight. Color Photograph (8” x 10”)	Undated
5	7	Northrop N-156 in flight. Color Photograph (8” x 10”)	Undated
5	7	4 Northrop T-38 Talons in flight. Color Photograph (8” x 10”)	Undated
5	7	Northrop YF-17. Color Photograph (8” x 10”)	Undated
5	7	“Thunderbirds Over Hoover Dam” a U.S. Air Force Photo by TSgt. Ed Goodhue 193L. Color Photograph (8” x 10”)	Undated
5	7	Republic P-47Ds WWII European Theater. B&W U.S. Air Force Photograph (8”x10”)	Circa 1942
5	7	“Kunming, China, a “Flying Tiger” P-40 approaches the airfield at Kunming, China after a September 1942 mission against the Japanese. (USAF Photo 74274AC, 8”x10”)	1942 Sept
5	7	Lt. J.R. Best of the 23 rd TFW Flying Tigers in a U.S. Army P40-K-1 cockpit, (Air Forces Serial No. 42-46257). B&W U.S. Air Force Photograph (8”x10”)	Circa 1942 Sept
5	7	3 “Flying Tiger” P-40s in the 23 rd TFW flying over China during WWII. B&W U.S. Air Force Photograph (8”x10”)	Circa 1942 Sept
5	7	United States Air Force Thunderbirds in flight. B&W U.S. Air Force Photograph (5”x7”)	Undated
5	7	4-- Black and White U.S. Air Force Photographs (8” x 10”) of an A-7 (tail number 8708) landing, hooking, and breaking the cable.	Circa 1967
5	7	RF 4C with open cockpit, 15 TRS Kadena Air Base Okinawa. B&W U.S. Air Force Photograph (8” x 10”)	1967
5	7	Underbelly of an AT-37. B&W U.S. Air Force Photograph (8” x 10”)	Undated
5	7	Space Shuttle Discovery Returns from Space. Color (8”x10”)	1997
5	8	Signed Book: Pictorial History of the Luftwaffe, 1933-1945 by Alfred Price with signature given to Jarvi by Generalmajor Adolph Galland	1969