

# Hal Hermes Collection

## Early Helicopter Pioneers

Photo No.	Description	Date (approx.)	Size (inches)	Condition	Notes
<b>Photographs Group #1 - Wright Field and Iconic Helicopters</b>					
1	First USAAF helicopter training group - June 1943	Jun-43	8x10	good to v. good	Group photo of USAAF pilots and British officers taking part in the first helicopter training group at Sikorsky factory. [A copy of Hermes' USAAF day-by-day report is included in the collection.]
2	USAT James Parker demo team	Jul-43	8x10	good to v. good	Ground crew and pilots for shipboard landings on USAT James Parker that took place July 7-8, 1943. Taken at Sikorsky factory, Bridgeport, Conn. Left to Right: Three unidentified crewmen; Col. Frank Gregory (first Army Air Forces helicopter pilot); Lt. Harold H. Hermes (Army Air Forces); Lt. Frank W. Peterson (Army Air Forces); Lt. Col Leslie B. Cooper (Army Air Forces). Note that inflatable floats were attached to this Sikorsky YR-4A #210734 for the shipboard tests. A second helicopter (XR-4A) was also involved in the testing but used the traditional wheeled landing gears.
3	Sikorsky YR-4A Helicopter landings on <i>James Parker</i>	Jul-43	6x7	good	Written on back, "Frank this is H H Hermes, Pete" Believed to be written to Brig Gen Frank Gregory (then Col) by Frank W. Peterson (called Pete by his friends, who also participated in these important shipboard tests. This same photo appears on page 120 of Gregory's book, <i>The Helicopter -- A Pictorial History</i> ." [A copy of this large format book, with personal note & signature by Frank Gregory, is included in the collection.]
4	Sikorsky YR-4A Helicopter landings on <i>James Parker</i>	Jul-43	8x10	good to v. good	Sequence shot a few seconds after photo #3. Hal Hermes pilot.
5	Sikorsky YR-4A Helicopter landings on <i>James Parker</i>	Jul-43	8x10	good to v. good	Overhead shot from spotter plane (or Helicopter) of the Sikorsky XR-4A with floats landing on the <i>James Parker</i> . Pilot may be Hal Hermes.
6	Edwin Aldrin, Sr. helicopter ride	Jul-43	8x10	good to v. good	Col. Edwin Aldrin, Sr. was one of the US Army Air Force observers for the helicopter landings on the USAT <i>James Parker</i> (July 1943). At some point around this time, Hal Hermes gave Col. Aldrin a ride in a helicopter -- may be his first.
7	Edwin Aldrin, Sr. helicopter ride	Jul-43	8x10	good to v. good	different angle of #6
8	Edwin Aldrin, Sr. helicopter ride	Jul-43	8x10	good to v. good	different angle of #6
9	Edwin Aldrin, Sr. helicopter ride	Jul-43	8x10	good to v. good	different angle of #6
10	Edwin Aldrin, Sr. helicopter ride	Jul-43	5x4	good to v. good	smaller versions of 8x10 photos #6-8
11	Edwin Aldrin, Sr. helicopter ride	Jul-43	5x4	good to v. good	smaller versions of 8x10 photos #6-9
12	Edwin Aldrin, Sr. helicopter ride	Jul-43	5x4	good to v. good	smaller versions of 8x10 photos #6-10
13	Sikorsky YR-4B (Reg#2107237)	Jan-45	8x10	good to v. good	Photo the helicopter before being dismantled before being flown to Burma for epic jungle rescue Jan 1945 by Lt. Frank W. Peterson. Collection includes a number of original newspaper and magazine articles about this rescue.

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Photo No.	Description	Date	Size	Condition	Notes
		(approx.)	(inches)		
14	Sikorsky XR-5 (Reg#328236)	1945-46	8x10	good to v. good	
15	Sikorsky XR-5 (Reg#328236)	1945-46	8x10	good to v. good	XR-5 model used to develop S-51
16	Sikorsky S-51 - CAA certification team	Mar-46	8x10	good to v. good	2nd CAA certification of a helicopter
17	Sikorsky S-51 -signed/dated by Igor Sikorsky	16-Feb-46	8x10	good to v. good	Maiden flight made on 16th of February 1946; autograph date April 26, 1946
18	Sikorsky XR-6A	1945-46	8x10	good to v. good	240 HP engine model of Sikorsky XR-6
19	Sikorsky XR-6A	1945-46	8x10	good to v. good	240 HP engine model of Sikorsky XR-6
20	Sikorsky S-52 first ever landing in courtyard of Pentagon	1948	8x10	good to v. good	Pilot was Tommy Thompson, who also performed the first-ever helicopter loop (10-times!) in 1949 in a Sikorsky S-52.
21	Sikorsky S-52 first ever landing in courtyard of Pentagon (different angle)	1948	8x10	good to v. good	different angle of #20
22	Sikorsky S-52 in flight	1948	8x10	good to v. good	possibly maiden flight
23	Sikorsky S-52 on ground		8x10	good to v. good	
24	Sikorsky S-55 -- US Marines version (HRS-1). CAA type certification group photograph	1950-53	8x10	good to v. good	Called the "H-19 Chickasaw" by US Army it "holds the distinction of being the US Army's first true transport helicopter and, as such, played an important role in the initial formulation of Army doctrine regarding air mobility and the battlefield employment of troop-carrying helicopters"
25	Sikorsky S-55 -- Commercial version. CAA type certification group photograph	1950-54	8x10	good to v. good	
26	Sikorsky HSS-1 (Navy version of Sikorsky S-58). In air.	1960-62	8x10	good to v. good	used for anti-submarine warfare (ASW)
27	Sikorsky HSS-1 (Navy version of Sikorsky S-58). On ground	1960-63	8x10	good to v. good	used for anti-submarine warfare (ASW)
28	Omega (Szyncer) BS-12 Reg#N267	1956	8x10	good to v. good	Initial prototype of Canadian-made flying crane / utility helicopter
29	Omega (Szyncer) BS-12 Reg#N267	1956	8x10	good to v. good	Initial prototype of Canadian-made flying crane / utility helicopter
30	CAA certification group photo of Sikorsky S-61 for L.A. Airways		8x10	good to v. good	LA Airways, was the world's first company to offer commuter passenger service on a helicopter. In 1968, two crashes of the S-61 killed a total of 44 lives.

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Photo No.	Description	Date	Size	Condition	Notes
		(approx.)	(inches)		
31	Seibel S-4 experimental helicopter, tethered flight, possibly first flight.	1949	8x10	good to v. good	Successful early flight (tethered) of the S-4 with a number of innovations. Designed by Charles Seibel. This model was the early prototype of what eventually became the Cessna CH-C1, after Cessna bought Seibel's company. The Cessna CH-C1 had a number of "firsts" and records to its credit.
32	Seibel S-4 experimental helicopter, untethered flight, photo from spotter plane. Autographed by Charles Seibel to Hal Hermes.	1949	8x10	good to v. good	Johnny Gibbs, Seibel test pilot, is likely the pilot in photos #31 and #32.
33	Cessna CH-C1 (YH-41 "Seneca")		8x10	good to v. good	Cessna's only helicopter. First CAA Instrument Flight Rules (IFR) certified helicopter. Set many records and firsts. <b>With original information sheet.</b>
50	Platt-LePage XR-1A. Front view	1941	8x10	good to v. good	First helicopter tested by US Army Air Force (after autogyros) after beating the Sikorsky VS-300. See: <a href="http://en.wikipedia.org/wiki/Platt-LePage_XR-1">http://en.wikipedia.org/wiki/Platt-LePage_XR-1</a>
35	Kaman K-190. Three K-190s flying in formation, signed by Charles Kaman, test pilots, CAA officials, and others.	19-Apr-49	8x10	good to v. good	<b>One of a kind autographed photograph.</b> The world's first commercial twin-rotor helicopter fly in formation at Bradley Field, Conn. World's first helicopter with fully servo-controlled rotors.
36	Kaman K-190. Charles Kaman shaking hands with Roy Clark, Sr. CAA inspector with Hal Hermes watching.	19-Apr-49	8x10	good to v. good	An excellent photograph of 30-year old Charles Kaman receiving his first ever CAA certification and officially launches his 4-year old company started in his mother's garage. A Kaman K-190 is in background. Today, Kaman Aerospace is now a multi-billion dollar company.
37	Kaman K-190. Piloted by Hal Hermes with Roy Clark.	19-Apr-49	8x10	good to v. good	Kaman K-190
38	Piasecki Helicopter / CAA certification group	1946-47	8x10	good to v. good	CAA Certification meeting, likely regarding Piasecki HRP-1. Twin-rotor helicopter to be nicknamed the "Flying Banana."
39	Piasecki Helicopter / CAA certification group	1946-48	8x10	good to v. good	Informal group shot taken
40	Piasecki PV-3 or earlier version	1946-47	8x10	good to v. good	Maybe the first Flying Banana certified?
41	Vertol H-21D (Piasecki H-21)	1959-60	8x10	good to v. good	Also called the Piasecki H-21 Workhorse and the Piasecki H-21 Shawnee. With original information sheet.

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Photo No.	Description	Date	Size	Condition	Notes
		(approx.)	(inches)		
42	Hiller NC-5 / UH-5	1946	8x10	good to v. good	Used the Hiller-patented servo-paddle method of cyclic control, also called the Hiller "Rotomatic Control". Pilot is Frank W. Peterson. Comes with a number of articles and corporate reprints about this photograph and helicopter.
43	Hiller UH-12 without 'bubble-type cabin or engine cowlings. Signed by Frank W. Peterson	1947	8x10	good to v. good	Signed by Frank W. Peterson, Hiller chief test pilot & good friend of Hal Hermes. Peterson may not be the pilot in the photograph.
44	Hiller 360, hovering	1948	8x10	good to v. good	... an early version of the Hiller 360. Included are two (2) low-quality photographs of the Hiller 360 with floats. On floats in bold lettering: Chicken of the Sea TUNA SCOUT - the helicopter is demonstrating its ability to help commercial fishermen.
45	Hiller UH-4 Commuter	1946	8x10	good to v. good	Unusual looking helicopter with no tail rotor. <a href="http://www.aviastar.org/helicopters_eng/hiller_commuter.php">http://www.aviastar.org/helicopters_eng/hiller_commuter.php</a>
46	Hiller-patented servo-rotor close-up photo	1947	8x10	good to v. good	Shot of rotor on Hiller 360 (likely). That gives "stability and aerodynamic flight control as well as rotor head structural simplicity." "During years of patent application no contest of originality appeared." Quotes from articles included in collection.
47	XH-26 "Jeep Jet" by American Helicopters. Signed by Lou Harting, test pilot.	1953	8x10	good to v. good	Signed, "Best Wishes Hal, Lou Harting [signature], test pilot"
48	Enstrom Helicopter F-28 prototype (pre-certification)	1963	8x10	good to v. good	Hal Hermes with Albert Ballawer (President) and James Terrell, test pilot.
49	Bell 47B "S. N. Malaria"	1948-1950	8x10	good to v. good	Rare/unusual photo of early version Bell 47 B-3 on top of Post Office in Joinville, Brazil Feb 14, 1949. Helicopter is boldly marked "S.N. Malaria" and has a sprayer on side. DDT was used in Brazil to combat malaria epidemics in those days. This Bell 47B likely came from the Argentina Health Ministry.
34	McDonnell XV-1 experimental helicopter	1955-56	8x10	good to v. good	An "experimental compound gyroplane developed for a joint research program between the United States Air Force and the United States Army to explore technologies to develop an aircraft that could take off and land like a helicopter but fly at faster airspeeds, similar to a conventional airplane. The XV-1 would reach a speed of 200 mph (322 km/h), faster than any previous rotorcraft." Used pressure jets and the end of each rotor, an unusual system also used in the McDonnell 120 below.
51	McDonnell 120 helicopter, hovering near ground	1957	8x10	good to v. good	Unusual helicopter. It used three (3) gas-turbine compressors (located below and behind the rotor head) fed pressure jets at the tips of the three-blade rotor. <a href="http://www.aviastar.org/helicopters_eng/mcdonnel_120.php">http://www.aviastar.org/helicopters_eng/mcdonnel_120.php</a>

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Photo No.	Description	Date	Size	Condition	Notes
		(approx.)	(inches)		
52	McDonnell 120 helicopter, in flight carrying by hoist another McDonnell 120	1957	8x10	good to v. good	
53	McDonnell 120 helicopter, carrying heavy load of approx. 35 55-gal drums.	1957	8x10	good to v. good	
54	Alouette II Jet Powered Helicopter	1955-56	8x10	good to v. good	World's first production jet helicopter.
55	Bell 47 flying over/ near Niagara Falls. Four different shots. Floyd W. Carlson is the pilot.	1955-56	8x10	good to v. good	A grouping of 4 beautiful photographs, each different.
56	Bell 47 flying over/ near Niagara Falls. Four different shots. Floyd W. Carlson is the pilot.	1955-56	8x10	good to v. good	<p><b>Note:</b> After the war, Hermes was a test pilot for the CAA and FAA for 30 years. Throughout that career, the Bell 47 continued to evolve and Hermes' flight log indicates that he was involved with most (if not all) models of the Bell 47 with regards to airworthiness certification. His last flight log entry prior to his retirement was a test flight on the Bell 47G.</p>
57	Bell 47 flying over/ near Niagara Falls. Four different shots. Floyd W. Carlson is the pilot.	1955-56	8x10	good to v. good	
58	Bell 47 flying over/ near Niagara Falls. Four different shots. Floyd W. Carlson is the pilot.	1955-56	8x10	good to v. good	
59	Bell 47D (Army H-13 Sioux) with floats	1955-56	8x10	good to v. good	Marked on back "Army H13B Floats Certification". Hermes was involved with the floats certification for the Bell 47.
60	Bell 47D, with floats, bubble not attached. Hal Hermes, FAA test pilot alongside.	1955-56	8x10	good to v. good	Hal Hermes with Bell 47 with floats with cockpit bubble not attached.
61	Bell 47D, same aircraft as #60 without floats - 4 wheel landing gear.	1955-56	8x10	good to v. good	
62	Bell 47D, same aircraft as #60 without floats - 4 wheel landing gear. Different angle than #61.	1955-56	8x10	good to v. good	
63-65	Bell 47B at Bell factory - no registration, no markings of any kind. dark grey helicopter against white snow.	1955-56	8x10	good to v. good	4 winter shots of same aircraft different angles.
66	Bell 47B, probably at Bell factory with Bell markings, no registration number	1955-56	8x10	good to v. good	
67-73	Bell 47 - various models	1955-56	8x10	good to v. good	Seven (7) different shots, hovering, over water, hoisting, spraying, etc.
74	Bell 47 D1	1955-57	3x4	good to v. good	What set this helicopter apart from other helicopters of its time was the "bubble", an acrylic plastic blow-molded cockpit formed from a single sheet of polymer film.

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75	Bell 47s in formation	1958-59	4x6	good to v. good	Nine (9) Bell 47D helicopters at Bell factory, lined up on tarmac with a lone Bell 47B flying overhead.
76	Bell XHSL-1	1950	8x10	good to v. good	This heavy helicopter was developed in 1950 in response to a US Navy requirement for an anti-submarine warfare helicopter. This is the only tandem rotor design produced by Bell.
77	Bell 47H -1	1955	8x10	good to v. good	Beautiful helicopter. Upscale styling with leather seats. Only a few ever produced.
78	Bell YHO-4-BF. (U.S. Army)	1962	8x10	good to v. good	Color photo. Also called the B 205. A US Army light-observation helicopter.

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Photo No.	Description	Date	Size	Condition	Notes
		(approx.)	(inches)		
<b>Photographs Group #2- CAA/FAA Light Aircraft</b>					
79	Fairchild M-84	Apr-05	8x10	good to v. good	With a large number of surplus trainers available on the post-Second World War market, Fairchild sought a way to modify its existing M-62 trainer and tooling into a four-place personal aircraft. The M-62 was a low-wing, fixed landing gear, open cockpit aircraft. The steel-tube fuselage was widened, a cabin structure was added and retractable landing gear were retrofitted using many of the same gear leg and strut parts. From <a href="http://en.wikipedia.org/wiki/Fairchild_M-84">http://en.wikipedia.org/wiki/Fairchild_M-84</a>
80-83	Cessna 310	1953-54	8x10	good to v. good	Three (3) different angles of the Cessna 310 sitting on grassy field. Assumed to be an early production unit.
84	Cessna 320 -- FAA Certification Group	1956	8x10	good to v. good	Group shot of 23 members of "Model 320 Board Meeting" standing in front of Cessna 320. Includes separate sheet with names of all 23 members, including Hal Hermes.
85	Cessna 320 in flight	1956	8x10	good to v. good	Personal note and signature of Dale Westfall, Cessna test pilot.
86	Cessna 320 in flight	1956	8x10	good to v. good	Personal note and signature of Bill Stinson, Cessna test pilot.
87-91	Cessna 320	1956	8x10	good to v. good	Five (5) different shots of the Cessna 320, in flight and on the ground. The Cessna 320 was Cessna's only four-engined aircraft with some "revolutionary touches", but it never went into production.
92	Goodyear Rubber Fighter	1957	8x10	good to v. good	Rare photo of rare aircraft. No mention found via Google. In the corner of this photograph of the Rubber Fighter is a personal note and autograph from Dick Ulm, a test pilot and a member of the development team. Photo shows Dick Ulm talking to unknown test pilot, who is seated in the cockpit. Separate note on personalized memo stationery of Richard Ulm, dated, among other things, says "...at 4000 ft. altitude in this you feel <u>real bold</u> ." Back of photograph has weight, engine type and horsepower, cruise time, first flight date, and adds, "... to date I have over 60 flights."
93	Beechcraft L23F (U-8F), also Queen Air 80	1962	8x10	good to v. good	Group shot of 15 members of "FAA Certification of Beechcraft Queen Air 80" including Hal Hermes. On back, all members are identified.
94-97	Beechcraft L23F first flight photos.	1962	8x10	good to v. good	A total of four (4) photos of the Beechcraft L23F on its maiden flight. Two (2) shot in flight, two (2) shot on ground.
98	Cessna 336, FAA certification group	Feb-62	8x10	good to v. good	"Final Board Meeting - Cessna Model 336, Feb. 20, 1962." Legend on back identifies all members, including Hal Hermes. The group is in front of the plane.

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Photo No.	Description	Date	Size	Condition	Notes
		(approx.)	(inches)		
99	Beechcraft 23 Musketeer, FAA Certification group.	Feb-62	8x10	good to v. good	"FAA Type Certification of Beechcraft Model 23 Musketeer" Legend on back identifies all members, including Hal Hermes. The group is in front of FAA Kansas City HQ.
100	Beechcraft 23 Musketeer, FAA Certification group.	Feb-62	8x10	good to v. good	Same group as #96, seated in board room. Legend on back identifies all members, including Hal Hermes.
101	Bellanca 14-19-2	1957	8x10	good to v. good	230 HP version of Bellanca line, Reg. N7650B
102	FAA group photo	1965 est	8x10	good to v. good	A group of eleven (11) FAA employees, including Hal Hermes, in front of unidentified single-engine light aircraft. Separate sheet identifies members.
103-104	Unknown	1960 est	3x4	good to v. good	Two different photos on same day of Hal Hermes and Roy Clark (FAA Sr. Inspector). First photo is in front of an unidentified single engine light aircraft and the 2nd photo has them inspection/discussing a removed part. Two other unknown individuals are in the photo.



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Photo No.	Description	Date	Size	Condition	Notes
		(approx.)	(inches)		
<b>Photographs Group #3- Miscellaneous FAA Photographs</b>					
105	The Challenger 250	1957	8x10	good to v. good	A nice runway shot from the side with new logos. Reg. N1793BA modified DC-3. Modified by Aircraft Conversion Corp. Modification allow for greater air speed and stability. Price of conversion was \$35,000. info from <i>Flying Magazine</i> Jan 1957.
106	The Challenger 250	1957	3x4	good to v. good	Beautiful in-flight photograph of The Challenger 250. Plane banking left. Same shot as appeared in <i>Flying Magazine</i> 1957.
107-125	CAA Training Courses	1948-50	8x10	good to v. good	A collection of 19 group photos of different CAA training classes held at Tinker Air Force Base, in Oklahoma City. Only a few have names (autographs and typed names). Hal Hermes is in quite a few and his future wife, Lila Hampton, are in others and the two of them are together in another photo but probably before they were married in June 1950.
126-136	FAA Staff Group Photos	1960-1965	8x10	good to v. good	FAA Branch office in Kansas City, head FAA inspectors including Hal Hermes.
137	White Sands Missile Range	1961	4x6	good to v. good	Hal Hermes on goodwill mission to White Sands Missile Range, New Mexico. Dec 7, 1961.
138	Beechcraft & FAA meeting	1963	8x10	good to v. good	FAA staff incl. Hal Hermes at meeting at Beechcraft's office. Names of participants are listed on the back.
139	Concept Drawing Fairchild VZ-5 (or Model M-224-1)	1957-59	8x10	good to v. good	This is an artist rendering of the Fairchild VZ-5 (or Model M-224-1) was a 1950s American experimental VTOL research aircraft built by Fairchild Aircraft for the United States Army. It was used to test certain principles and technologies involved in VTOL (vertical take off and landing.) First flight was in 1959.
140	Unknown	?	8x10	good to v. good	Looks like an early model corporate jet. No identifying markings. Photo taken moments after take-off, perhaps 40 feet off the tarmac, wheels not yet retracted.
141	Canadair Challenger (color photo)	1980	8x10	good to v. good	A Canadian-made corporate jet. It was designed in the late 1970s, and was eventually certified by the FAA (and Transport Canada) in 1980 with Hal Hermes as the airworthiness/regulatory consultant. Canadair was purchased by Bombardier, who still produces the Challenger as part of their 600 series. 4 copies of same photo included.
142	Canadair public event	1980	8x10	good to v. good	Color photo of crowd of several hundred gather around the Challenger. Probably in 1980 after receiving regulatory certification.
143	Canadair CL-215	1978	8x10	good to v. good	Commercial print of the CL-215, a firefighting plane, dumping huge volumes of water on a forest fire.

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144	FAA Group Photos	?	3x4	v.good	6 photographs with Hal Hermes and about 8 other FAA officials on a field trip visiting a historic base or fort. Meeting room shots + outdoors.

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Page Description Date Size Condition Notes

Helicopter Books - personally endorsed & signed by author

1	<i>Anything A Horse Can Do - The Story of the Helicopter</i> by Colonel H.F. Gregory. Published by Reynal & Hitchcock, New York, 1944.	1944	243 pages 5.5"x8.5"	Good. Binding in very good condition, no separation. Some minor spots/staining on cover. Minor wear on corners. Pages have no tears or bent corners.	One of the earliest books on the helicopter. Introduction by Igor Sikorsky. Endorsed by Author: <i>"To Red Hermes" Kindest Regards, H.F. Gregory, 9-26-44"</i>
2	The Helicopter - A Pictorial History by Hollingsworth Franklin Gregory, Brigadier General USAF (Ret). A.S. Barnes and Company, 1976	1976	220 pages 9.5"x12.5"	Hard cover and all pages in v. good condition, no tears/smudges/stains, or bent corners. Dust cover is worn at corners with minor (1-2 cm) tears on edges.	Endorsed by Author: <i>"With warm personal regards to Hal Hermes, one of my first trusting students. Les Morris, 1/28 86"</i>
3	<i>Pioneering The Helicopter</i> by Charles Lester Morris. First published in 1945. This book is the 40th Anniversary Edition, published by the Helicopter Association International. 1985	1985	162 pages 5.5"x8.5"	Very good - looks new. No wear on cover or pages.	Endorsed by Author: <i>"With warm personal regards to Hal Hermes, one of my first trusting students. Les Morris, 1/28 86"</i>

Other Signed Memorabilia

**NOT INCLUDED**

<del>4</del>	<del>Orville Wright Short Snorter</del>	<del>1944</del>	<del>US Dollar Bill</del>	<del>White worn, many signatures unreadable</del>	<del>Identified Signatures: Orville Wright, Frank T. Coffyn, Hal Hermes, Frank W. Peterson, Floyd Carlson, Walt Halderman, Bill Stinson, Lloyd K. Lovelle Jr., Robert "Bob" Meyersburg, W.E. Fleck, Dale Westfall, George W. Goddard, S.S. and Richie. (Note: All true Short Snorters should be very worn. The tradition of Short Snorters is that they are meant to be carried by its owner at all times -- or else buy a shot (snort) to any other signator.)</del>
5	Hovering Flight by Charles O. Weir	1986	11"x14" on parchment	v.good. One small 1-cm tear. No stains/smudges. One corner has slight bend.	Charles O. Weir was a Founding Member of the Twirly Birds (and Past President), Major USAF (Ret) and a Quiet Birdman. This is a rare copy of his poem called Hovering Flight. Endorsed/signed author: <i>"Hal - What Can a Junior Birdman say to one who has hovered longer than I? Keep your gear box oiled! Chas O."</i> Has a hand-drawn picture of a Sikorsky R-4.
6	<i>"Ride the Wild Horse -- The H-21 Workhorse"</i> with personal note to Hal Hermes & signed by author, Charles O. Weir	1960	26 double-sided pages	v.good. No rips/tears/smudges. One corner has slight bend.	This report/story also appeared, abbreviated, as a serial in the Feb., March, and April 1963 issues of USAF Aerospace Safety magazine. Forward by Major N. A. Stathis, Directorate of Aerospace Safety, USAF. Personal note to Hal Hermes & signed by author, Charles O. Weir
7	Program of The Society of Experimental Test Pilots - Symposium and Awards Banquet. September 1972. The Beverly Hilton, Beverly Hills, California.	Sept 1972		v. good. No damage to report.	Autographed by Jack Swigert, NASA Astronaut, Part of ill-fated Apollo 13 mission (April 1970). Signature is next to the description of Swigert's scheduled presentation.

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8	Program of the 21st Awards Banquet of the Society of Experimental Test Pilots. Oct. 1977. The Beverly Hilton, Beverly Hills, California.	October 1977	6"x9" cardstock	v. good Looks like new.	Autographed by Tom Stafford, NASA Astronaut, Two Gemini missions, Apollo 10 mission (May 1969), first to fly Lunar Module. Faye Stafford (Tom's wife) also signed. Also signed by Floyd W. Carlson - helicopter pioneer, first indoor flight of helicopter in US, gave first helicopter rides to President Harry Truman, Bob Hope and Lucile Ball/Desi Arnaz. Another 8 autographs on the same page, but their names have not been researched.
9	Misc. letters from helicopter pioneers	1948-1974	letter size envelope.	Good. No fold marks, some wrinkling. No tears/rips, no stains or other marks	Signed letters from Brig. General H. F. Gregory: Stanley Hiller, Jr.; Ralph Lightfoot (Sikorsky Staff Engineer)
10	First Day of Issue Cover - Gemini Missions- signed by Tom Stafford, NASA Astronaut	Sept. 29, 1967	8.5"x11"	V.good. No bends folds, corners strong	Postmarked at Kennedy Space Center Sept. 29, 1967. signed by Tom Stafford on front.
11	First Day of Issue Cover - Man's First Landing on Moon - signed by Tom Stafford	20-Jul-69	6.5' envelope	V.good. No bends folds, corners strong	Postmarked "Moon Landing" July 20, 1969. 2nd postmark Wash DC Sept 9, 1969. Signed by Tom Stafford on front. Stored in proper clear envelope.
12	First Day of Issue Cover Apollo 13 - signed by James Lovell	11-Apr-70	6.5' envelope	V.good. No bends folds, corners strong	Postmarked Cape Canaveral, April 11, 1970. Signed by James Lovell on front. Stored in proper clear envelope
13	First Day of Issue Cover - signed by Dave Scott	7-Aug-71	6.5' envelope	V.good. No bends folds, corners strong	Postmarked Cape Canaveral, Aug. 7, 1971. Stored in proper clear envelope

## Flight Logs and Related Orders of Hal Hermes 1943 to 1975

Not included

14	Original Pilots Flight Record and Log book of Hal Hermes	1944-1975	Std 6"x6" size	Low of wear with constant use over 30 years., old worn, binding loose, but all pages are in place, not taped cut. Very readable.	Hal Hermes compiled about 600 hours flying time -- but most flights were less than an hour, fairly standard for performance & engineering flight testing. Starts with first flights at Wright Field on January 31, 1943, includes performance flight testing done for the CAA/FAA. Last log entry is Oct 29, 1975 (a Bell 47G-3A RF). Includes entry for flight with Orville Wright in 1944.
15	Military and CAA/FAA Flight Logs	1944-1975	est 75	Good. Some wear. In original order.	Typed (pre computer) and computerized records of the flying time of Hal Hermes, likely draws upon pilot's personal flight logs. This summary includes the flying time as an Air Cadet and other early training.
16	Military and CAA/FAA Reports and Employment files	1944-1975	est 500 pages	Most files are in original order with two-hole file holders, but there are quite a few loose sheets.	Organized into 7-8 folders. Various records and copies of letters. Records of training. Accident reports, insurance claims, letter of recommendation. Likely only of interest to serious researchers.

## US Army Air Reports

17	USAAF Report (June 21, 1943) by Hal Hermes with respect to the first USAAF helicopter training group in June 1943. Included the days aboard the USAT James Parker for the shipboard operations testing.	21-Jun-43	6-page report letter size, on onionskin paper	very good.	June 7- July 15, 1943. Day-to-day reporting of his classroom and flying time. Accidents mentioned. <i>James Parker</i> flights and return to Wright Field
18	Copy of "Roster of Helicopter Pilots and Students" by Les Morris.	unknown	8.5"x 11"	v. good. Laminated copy, no fading	Copy of list of the first 20 helicopter pilots organized by date of their solo flights, with autographs, compiled by C. L. Morris and others.
19	Handwritten letter from Les Morris to Hal Hermes, with listing of the first 20 helicopter pilots				Similar info as #2 above.
20	USAAF Report (May 14, 1945) by Hal Hermes regarding early Army Air flight testing of new Sikorsky XR-6A. Marked CONFIDENTIAL		2-page report letter size, on onionskin paper	good, some small wrinkling	USAAF Report (April 1944) by Hal Hermes to Lt. Col. L.B. Cooper (Chief, Special Projects Branch, Engineering Division) regarding flight testing of new Sikorsky XR-6A.

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21	USAAF Orders to Capt. Harold Hermes (April 1944) regarding transport and flight testing of new Sikorsky XR-6A in Colorado Spring, Colo.		1-page letter size, on onionskin	v. good except for staple tear upper left	
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# Hal Hermes Collection

## Early Helicopter Pioneers

### Frank T. Coffyn Correspondence & Misc.

22	Frank T. Coffyn Letters	1943	8-10 pages	poor	These pages are poor quality mimeographed copies of Coffyn's correspondence with the CAA regarding Coffyn's struggle to obtain a helicopter's license. He eventually obtained FAI Helicopter license #3, after Igor Sikorsky (#1) and Les Morris (#2).
23	Frank T. Coffyn Letters	1944-1953	14 letters	good to v. good	Nine (9) handwritten personal letters from Coffyn all signed. Four (4) typed letters, 3 signed. One Christmas card with photo of Coffyn, unsigned. Most envelopes incl.
24	"This is Your Life" TV show correspondence	1953	6	good to v. good.	Includes the original 6-page script with handwritten notes for the March 1953 TV Show. Contracts. One (1) expense reimbursement receipt. Includes one signed letter to Hal Hermes from Ralph Edwards. Includes an article (Hiller News - Coffyn worked at Hiller Aircraft at the time) regarding Coffyn's appearance on show.

### Helicopter Historical & Miscellaneous

25	Rare. Original "Handbook of Pilot's Flight Operating Instructions for Army Model YR-4A and YR-4B" Autographed by 1st Lt. Irwin C. Steiner	1944-45	1	good+. All pages incl. & intact. Some corner bends; some smudges. Minor rust around staples.	Original "Handbook of Pilot's Flight Operating Instructions for Army Model YR-4A and YR-4B". Autograph is quite faded. 35 double-sided pages. Many dimensions, diagrams and charts. This copy signed on front by 1st Lt. Irwin C. Steiner, US Army Air, test pilot with Hal Hermes & was with Frank Peterson in epic Burma rescue Jan. 1945.
26	Rare. Original "Handbook of Pilot's Flight Operating Instructions for Army Model YR-4A and YR-4B"	1944-45	1	good+. All pages incl. & intact. Some corner bends; some smudges. Minor rust around staples.	Original "Handbook of Pilot's Flight Operating Instructions for Army Model YR-4A and YR-4B". 35 double-sided pages. Many dimensions, diagrams and charts.
27	Kaman K-190 corporate press release.	Apr-49	3 pages	v.good	Press release regarding the Kaman K-190 helicopter. No tears/rips/smudges. Document folded in one place. Related to photographs #35, #36, and #37.
28	Operating Manual for AT-10-B twin-engine training plane).	1942	13 pages	good+. All pages incl. & intact. Some corner bends.	Some practice calculation on back in ink. Signature of Mary Beth Platters (unknown) on back as well.
29	Dept. of Commerce "Helicopter Specifications" for Bell 47, Bell 47B and Bell 47B3	31-Dec-47	4-double sided pages	v.good. No rips/tears/smudges. One corner has slight bend.	Very small print. Appears to be standard technical document.
30	Paper presented to "The American Helicopter Society," Subject: "Army Aviation" by Brigadier General Earnest F. Easterbrook. Director of Army Aviation ODCSOPS	Apr-58	8-pages single sided	v. good condition	No rips/tears/smudges or bends
31	<i>Sikorsky News</i> magazine	1969-1974	Five issues	good condition. Single fold, only minor damage overall	Five (5) issues: May 1969 issue; Nov 1972 issue; Jan-Feb 1973 issue; April 1973; May 1973 issues. Issues appear to be those that include articles about the 1944-1948 era during the development of the R-4 and its variants, and the early training of Army Air, Coast Guard and Navy pilots on the Sikorsky R-4.

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32	"An Approach to the Practical Helicopter" E. Bruke Wilford of the Pennsylvania Aircraft Syndicate. This is a reprint of this article that appeared in Aero Digest-Aviation Engineering October 15, 1944. Reprint date is unknown but is likely from mid-1940s.	1945 est.		good to v.good. Several two folds visible, but document has been stored flat for approx. 60 years.	E. Bruke Wilford was one of the early pioneers developing the autogyro. He was chief engineer of the Pennsylvania Aircraft Syndicate, which developed autogyros in the late 1920s through the 1930s. His gyroplane first flew in 1931. Worked with Walter Reisel and Walter Kreiser
33	"The Miracle of the Helicopter" by Sikorski Aircraft	1961	44 pages	Very Good -- close to new condition	Very nice summary of the history and accomplishments of the helicopter from 1940 to 1960 with lots of B&W photos.
34	Miscellaneous helicopter related		30-40 mixed items	good. Newspaper/magazines articles are old and tattered, but generally in good shape and readable.	Includes: Agenda for The American Helicopter Society Honors Night Dinner, May 5, 1961, Sheraton Park Hotel, Wash. DC, approx. 20 business cards (one of C.L. "Les" Morris while at Kaman Aircraft (after he left Sikorsky); several copies of Hiller Copter-News, articles about the Hiller 360 helicopter, some with photos of Frank Peterson, chief test pilot with Kaman, other articles and clippings all related to helicopters.
35	Program - Fourth Annual Forum of the American Helicopter Society. Philadelphia Pennsylvania	April 22-25, 1948	two-fold flyer format	Very Good -- only one corner shows minor bend.	
36	Attendance Sheet at ARC Helicopter Engineering Meeting. Waldorf-Astoria Hotel, New York on May 21 & 22, 1947	1947	1 page	good, no folds, on small tear, corners OK	Nothing is known about this meeting or group. There are representatives from 9 private helicopter companies, two offices of the CAA (Civil Aeronautics Administration) (11 individuals, including Hal Hermes), and the Civil Aeronautics Board (CAB). Meeting held at Flamingo Room, Waldorf-Astoria Hotel, New York on May 21 & 22, 1947.

## Twirly Birds Memorabilia

37	Three (3) group photograph of 3 different Twirly Birds Meetings. No one at Twirly Birds.org knew the date of two of these meetings & had not seen two of them photographs, so it is assumed these are rather rare.	before 1960	two 2"x3"; one 3"x4"	see notes	The two small photos are in color and are in excellent condition. Although small, the color is not faded and the red Twirly Bird ties on the members are quite bright. The larger photo is faded quite a bit, but is in excellent conditions -- could easily be digitally reconditioned. The larger photo is print-dated July 7, 1956. the other two are both print-dated April 1959, but are clearly taken at different meetings.
38	Twirly Birds Membership Cards of Hal Hermes	2 unknown, 1988	3	good	Two of these are undated. One laminated cards identifies Hal Hermes as a Founding Member. The other undated one appears to be quite old and likely the first membership card received by Hal Hermes, but is in very surprisingly good condition.
39	Twirly Birds Insignia Arm Patch	unknown	1	very good	Top quality, no wear showing, beautiful patch, silver thread brilliant, front shows minor discoloration along one side
40	1961 Annual Twirly Bird Meeting report	1961	4	very good	Written by Bill Coffee, very humorous
41	1962 Twirly Birds Roster (of Members)	1962	6-pages	v. good, no folds	No tears, minor corner bends. Shows names and addresses of est. 150 members.
42	Twirly Bird Activities 1968-1969	1969	10 pages	v. good, no folds	Location and activities of approx. 100 members.
43	Twirly Birds Memo dated April 11, 1976	1976	2 pages	v. good, no folds	Addressed to "All Twirley [sic] Birds"
44	Twirly Bird Roster - dated May 10, 1976	10-May-76	12 pages	v. good, no folds	Names & addresses of approx. 150 members.

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## Quiet Birdmen Memorabilia

45	Quiet Birdmen Membership Card No. 25,527 (aluminum)	1984	card sized	v.good. Original plastic laminate still on front except for one small corner that shows some micro-scratches	Aluminum card, pressed/stamped with "Harold H. Hermes No. 25, 527. Founded in 1921, the "Ancient and Secret Order of the Quiet Birdmen" membership card is an international order that has largely kept its secrets secret. Recently a Wikipedia article explains more.
46	Quiet Birdmen Code Book	1984	3"x4.75"	very good, looks never opened. Front cover has some stains, back cover has stains and some adhesive stain that can be scrapped off.	Each new member has to be sponsored by an existing member. This book is signed upon Hal Hermes becoming a Quiet Birdmen member and it is signed by his sponsor Bill Mathews.

## Instrument Flight Rules Documents & Files

INFO:

Hal Hermes, while with the FAA, was directly involved with developing the FAA Helicopter instrument Certification standards, and had a strong role in the IFR certification of its first helicopter, the Cessna CH-1 Skyhook. Hal Hermes first met Charles M. Seibel while Seibel was developing Seibel's helicopter, the S-4A, which Hermes tested in October 1950. Seibel joined up with Cessna and the S-4B would serve as the basis for the design of the Cessna CH-1 Skyhook. The CH-1 Skyhook (on left) set a number of records and "first's" including an altitude world record, first to land on Pike's Peak, and the distinction of being the first civil certification of a helicopter to be certified under the instrument Flight Rules (IFR).

That historic IFR certification for the Skyhook evolved from the long term collaboration between Hermes and Seibel. Together they published an important technical paper: IAS Paper No. 61-53 by Harold Hermes and Charlie Seibel. It was presented at the Institute of the Aerospace Sciences 29th Annual Meeting.

47	<i>Helicopter Instrument Certification</i> IAS Paper No. 61-53 (January 1961)	1961	8.5"x11"	very good	IAS Paper No. 61-53 was presented to the institute of the Aerospace Sciences Annual Meeting. Document has been well preserved, with only two corners showing very slight curling. This is a center-stapled booklet, in landscape.
48	IAS 29th Annual Meeting Agenda Booklet	1961	5.25"x7" glossy cover	very good	Standard conference agenda and schedule with abstracts.
49	Hal Hermes working files & correspondence with respect to IFR certification and publication	1960-61	50-60 pages	good	Folder cover is worn with a few tears. Internal files and contents all in quite good shape. Includes correspondence with IAS, Charles Seibel and others. Drafts and other submission regarding IFR for the Cessna CH-1. One document, an early draft or submission regarding IFR, is a mimeographed copy, but is in good shape and very readable.
50	Early handwritten draft, "Cockpit Standards for FAR23 Airplanes"	1976	17 pages	good	<u>Note: Not related to IFR project, but was in same file, so included here.</u> Handwritten draft by Hal Hermes dated Feb 27, 1976. Hal Hermes was deeply involved in airworthiness standards for helicopters and fixed-wing aircraft. This document includes a good background of prior work on this subject of cockpit standards.

## Clippings, Articles, Magazines & Misc. Publications

51	One large folder with a collection of 2-3 dozen articles and miscellaneous publications collected by Harold Hermes	1950-1967			Mostly general aviation. Includes 1 copy of the "Flying Tigers 25th Anniversary Reunion (Ojai, California) July 5-8, 1967.
52	One large folder with a collection of 2-3 dozen articles and miscellaneous publications collected by Harold Hermes	1950-1968			Includes whole newspaper section for a few historical events (Nixon resignation, Agnew resignation, Lindberg trials, Chas Yeager's flight breaking the sound barrier, Challenger Shuttle explosion, and May 1961 - First manned Mercury flight. Shepard became the first American in space.) Historical reprints of (1) Lindberg's Flight across Atlantic, and (2) Crash of Shenandoah Dirigible (Americas "Air Monster") on Sept 4, 1925.



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## Helicopter and Space Stamps & First Day Covers

53	Bell Helicopter - Experimental Helicopter Flight	6-Jan-47	5 pieces	v. good	Postmarked Brooklyn, NY.
54	First Day Cover - First Air Mail Service Los Angeles	1-Oct-47	6 pieces	v. good	Postmarked Van Nuys, California
	First Day of Issue - Air Mail by Helicopter- Chicago	8-Oct-49	7 pieces	v. good	Postmarked Chicago
	First Day Cover - Air Mail by Helicopter, New York	15-Oct-52	6 pieces	v. good	Postmarked New York, New York
55	First Day of Issue - Air Mail by Helicopter- Philadelphia	11-Dec-53	3 pieces	v. good	Postmarked Philadelphia
56	First Day of Issue - Project Mercury	Feb 20 1962	12 pieces	v. good	Postmarked Cape Canaveral
57	First Day of Issue - Man's First Landing on the Moon	9-Sep-69	2 pieces	v. good	Postmarked Chicago
58	Space Flight Covers - Apollo 9, 12, 13, 14, 15	1969-1972	2 pieces	v. good	Postmarked Cape Canaveral
59	First Day Cover -- First Mailgram via Satellite	13-Apr-74	2 pieces	v. good	Postmarked Kennedy Space Center
60	Misc. Aviation covers/stamps	misc.	4 piece	good	