

**MS-514: Vic Bilek Aviation Research Collection**

**Collection Number:** MS-514

**Title:** Vic Bilek Aviation Research Collection

**Dates:** 1920-1950

**Creator:** Bilek, Victor H., 1918-

**Summary/Abstract:**

The collection contains research notes, including newspaper and journal articles, handwritten notes, drawings, and photographs. The photos and notebook are predominantly Curtiss aircraft.

**Quantity/Physical Description:** 1 linear foot

**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 Unpublished manuscripts are protected by copyright.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], MS-514, Vic Bilek Aviation Research Collection, Special Collections and Archives, University Libraries, Wright State University, Dayton, Ohio

**Acquisition:** The collection was donated by Vic Bilek in August 2010.

**Related Material:** Mr. Bilek was interviewed as part of the [Cold War Aerospace Technology History Project \(MS-431\)](#).

**Processing Information:**

This collection has been minimally processed and minimally organized. Each box has been fully inventoried and a list of items included in the container listing. No effort was made to replace folders with acid-free folders and reports remain in their original cover.

**Processed by:** Ed O'Shaughnessy, 2016

**Arrangement:**

The collection is arranged in a single series, in original order. In the finding aid, the file number designation indicates the page (number) and position on the page (letter). For the position, the letters are assigned from left to right then top to bottom (e.g., “a” indicates top or top left, then “b” is middle or top right).

**Biographical/Historical Note:**

Vic Bilek (b. 1918) was born and raised in Tacoma, Washington, where he attended the University of Washington. He came to “old” Wright Field in September 1941 as a 2<sup>nd</sup> Lt. and was assigned to Armament laboratory Bombing Branch, Engineering Division. Vic worked on Norden bombsight and its installation in several bombers including the prototype B-36. He was transferred to Fire Control as Unit Chief and worked on installation of remote control gun turret systems for B-29s, A-26s, and P-61s, including the first electro-mechanical integrated fire control systems. He ended his Research & Development work in the Lab as Chief of the Aircraft Gun Unit in June 1946 and separated from active duty as a Major.

Vic came back to Wright Field as a civilian in the Air Technical Intelligence Organization, then known as T-2, now known as the National Aerospace Intelligence Center. He started working with the German scientists and the captured German Luftwaffe equipment along with scientific and engineering documents. He authored a study of the V-2 missile production in the underground factory, which is still used as a reference today. He became Chief of the Armament Branch and continued after being recalled to active duty in 1951, for the Korean conflict. Then he returned to his civilian position in 1953. Vic transferred to the Staff in 1958 as Deputy for Production Control, then Chief of the Program Office and then Assistant for Limited War under the Commander, Foreign Technology Division, and Air Force Systems Command. He was appointed as Chairman of the joint Services Battle Damage Assessment and Reporting program in Vietnam and Thailand and led a joint service team in theater in 1969 and retired in June 1973.

In May 2006, Vic was placed on the National Air and Space Intelligence Center Wall of Honor, the greatest honor that NASIC can bestow on one of its alumni for diligent efforts that have truly made NASIC a “Center of Excellence” within the Air Force and the Intelligence community.

In retirement, Vic Bilek served for 32 years in the U.S. Coast Guard Auxiliary, particularly in the Boating Safety education program, and was Division Captain in the 2<sup>nd</sup> CG District. He has also put in 15 years of voluntary service in the Service Corps of Retired Executive (SCORE) program in the U.S. Small Business Administration. He has previously served as President of the Kettering-Oakwood-Centerville Chapter of the National Association of Retired Federal Employees. Vic is also a member of the American Aviation Historical Society, Huffman Prairie Chapter, and the Hithergreen Aviation Club.

Mr. Bilek has appeared in the TV Cable History Chanel production on the “Spoils of War” segment of the often-shown *Last Days of WWII* and the Speedvision Channel’s *Project ZETA-The Exploitation of the Russian Yak 23 Soviet Jet Fighter*.

Vic and his wife have traveled extensively in Europe, North Africa, and Hawaii, and have enjoyed motor homing through 46 states and extensive boating in several states as avid fisherman, hunter, photographer, flea marketer, etc.

*This biographical sketch comes from MS-431: Cold War Oral History Project, Box 2, File 1.*

**Scope and Content:**

The collection contains Bilek's aviation research notes, including newspaper and journal articles, handwritten notes, drawings, and photographs, some glued to paper. The photos and notebook are predominantly Curtiss aircraft. The three boxes of the collection represent the Bilek's original order in three binders. Box 1 is primarily commercial planes, 1920-1940. Box 2 contains L.T.A. A-GYRO and Unusual & Europe. And Box 3 is primarily Curtiss planes photos & engineering cost figures. Box 2, page 55, to Box 3, page 28, appear to be a collection of primarily experimental aircraft with photos.

**Subject Terms**

**Subjects (General)**

Aviation -- History  
Airplanes -- Photographs

**Material Types**

Clippings  
Photographs  
Drawings  
Aviation drawings  
Research notes

**Occupations**

Engineer

## Collection Inventory

<b>Box</b>	<b>File</b>	<b>Description</b>	<b>Date</b>
1	1a	Aeronca C-2 and C-3	Undated
1	1b	Alexander Eaglerock Biplane A-14, A-1, A-3	Undated
1	1c	Alexander Bullet C-7	Undated
1	2a	Savoia-Marchetti S-31 Amphibian	Undated
1	2b	Alexander Eaglerock Biplane A-2, A-15	Undated
1	2c	Bird 165 hp Wright 3 place Biplane Cert. No. 387	Undated
1	2d	Bird OX-5 Biplane Cert. No. 101	Undated
1	3a	Amphibians, Inc. Privateer P-2	Undated
1	3b	Savoia-Marchetti S-62 Flying Boat	Undated
1	3c	Bellanca Pacemaker	Undated
1	4a	Amphibians, Inc. Neptune N-2-B and N-2-C	Undated
1	4b	Savoia-Marchetti S-55 Flying Boat	Undated
1	4c	American Eagle Eaglet	Undated
1	5a	Bellanca Skyrocket	Undated
1	5b	Boeing 204 Flying Boat	Undated
1	5c	Boeing 40-B4 Biplane	Undated
1	6a	Boeing Monomail	Undated
1	6b	Bird Kinner	Undated
1	6c	Bellanca Airbus Monoplane	Undated
1	7a	Buhl Bull Pup LA-1 Floatplane	Undated
1	7b	Consolidated Fleetster 17	Undated
1	7c	Consolidated Commodore 16 Flying Boat	Undated
1	8a	Curtiss-Wright Coupe	Undated
1	8b	Consolidated Fleetster 20	Undated
1	8c	Boeing 80-A Transport	Undated
1	9a	Curtiss-Wright Condor B-20	Undated
1	9b	Curtiss-Wright Fledgling	Undated
1	9c	Curtiss-Wright Junior CW-1	Undated
1	10a	Curtiss-Wright Travel Air Sport Trainer 12Q	Undated
1	10b	Curtiss-Wright Travel Air 6-B	Undated
1	10c	Curtiss-Wright Kingbird D-2	Undated
1	11a	Davis D-1	Undated
1	11b	Driggs Skylark	Undated
1	11c	Curtiss-Wright Carrier Pigeon II	Undated
1	12a	Curtiss-Wright Falcon	Undated
1	12b	Eastman Amphibian E-2-A	Undated
1	12c	Douglas Dolphin Amphibian	Undated
1	13a	Emsco B-3A	Undated
1	13b	Fairchild KR-21 and KR-21B	Undated
1	13c	Fairchild KR-34C and KR-34D	Undated
1	14a	Fairchild 42	Undated
1	14b	Fairchild 22	Undated
1	14c	Emsco Mid-Wing Sport B-7	Undated

<b>Box</b>	<b>File</b>	<b>Description</b>	<b>Date</b>
1	15a	Fokker Super Universal	Undated
1	15b	Fokker AF-1X, AF-X-A Tri-Motor	Undated
1	15c	Fokker Amphibian AF-XI-A	Undated
1	16a	Fairchild 71	Undated
1	16b	Fokker AF-32	Undated
1	16c	Fokker Universal	Undated
1	17a	Granville Gee Bee Sportster D	Undated
1	17b	Granville Gee Bee A	Undated
1	17c	Franklin Sport A and 90	Undated
1	18a	Fokker AF-XIV and AF-XIV-A	Undated
1	18b	General Aristocrat 102-F, 102-E, 102-A	Undated
1	18c	Granville Gee Bee Sportster E	Undated
1	19a	Great Lakes Sport-Trainer 2T-1A	Undated
1	19b	Keystone Commuter K-84 Amphibian	Undated
1	19c	Laird Speedwing	Undated
1	20a	Laird Whirlwind	Undated
1	20b	Keystone Air Yacht K-85	Undated
1	20c	Inland Sport	Undated
1	21a	Lockheed Sirius DL-2 and 8	Undated
1	21b	Lincoln AP-B5 and AP-K5	Undated
1	21c	Lincoln PT-T and PT-X	Undated
1	22a	Lincoln PT-K and PT-W	Undated
1	22b	Lockheed Vega DL-1 and 5-B	Undated
1	22c	Nicholas-Beazley NB-4-W and NB-4-L	Undated
1	23a	Ogden Osprey	Undated
1	23b	Pitcairn PA-7 Mailwing and Sport	Undated
1	23c	Rearwin Ken-Royce 2000-C and 2000-CO	Undated
1	24a	Northrop Alpha	Undated
1	24b	Pitcairn PA-8 Mailwing	Undated
1	24c	Ryan Brougham B-5	Undated
1	25a	States B-3	Undated
1	25b	Sikorsky S-38-B Amphibian	Undated
1	25c	Solar MS-1	Undated
1	26a	Sikorsky S41 Amphibian	Undated
1	26b	Sikorsky S-39-B Amphibian	Undated
1	26c	Simplex Red Arrow W-2-S	Undated
1	27a	Stearman Junior Special 4D	Undated
1	27b	Stinson Airliner SM-6000	Undated
1	27c	Thaden T-4 Pittsburg	Undated
1	28a	Swanson Coupe W-15	Undated
1	28b	Stinson Junior	Undated
1	28c	Stearman Cloudboy 6A	Undated
1	29a	WACO F Series	Undated
1	29b	Verville Sportsman A.T.	Undated
1	29c	Verville Air Coach	Undated

<b>Box</b>	<b>File</b>	<b>Description</b>	<b>Date</b>
1	30a	Vought Corsair	Undated
1	30b	Towle TA-3 Amphibian	Undated
1	30c	WACO Straight Wing and Taperwing	Undated
1	31	Fokker F-32 Monoplane	Undated
1	32a	Ryan B-7 Wasp powered	Undated
1	32b	Cardinal Senior LeBlond powered	Undated
1	32c	Consolidated N.A.C.A. cowled Fleetstar	Undated
1	32d	Consolidated N.A.C.A. cowled Fleetstar - nose view	Undated
1	33a	Curtiss-Robins with OX-5 engine	Undated
1	33b	Boeing B-1E	Undated
1	33c	Zenith Z-6-B	Undated
1	34a	German Primary Glider trainer, Rossiten, Germany	Undated
1	35a	Night Flying Airplanes article	Undated
1	35b	Mercury Monoplane with skis	Undated
1	36a	The Advanced Aircraft Co. (WACO), Troy, OH	Undated
1	36b	Charles Lindbergh with Curtiss-Robin	Undated
1	36c	Keystone Patrician	Undated
1	37a	“The Greater St. Louis” endurance airplane with Red Jackson, co-pilot	Undated
1	37b	Ted Lundgren and Roger Q. Williams with their Emsco airplane prior to an around the world attempt	Undated
1	38	Forrest O’Brine with the St. Louis Robin endurance airplane	Undated
1	39a	Robert Short, flying a Boeing Pursuit plane, shot down in China by Japanese	Undated
1	39b	Vickers Jockey Pursuit plane	Undated
1	40a	Olympic Twin Engine developed by Longhead Brothers	Undated
1	40b	Prest Baby Pursuit	Undated
1	40c	Eastman Flying Boat	Undated
1	41a	Spokane “Sun God” refueling in flight	Undated
1	41b	“Phone calls, flares aid lost Dayton Air Mail pilot	Undated
1	42	Curtiss P-1 and P-6 with article	Undated
1	43a	“Sun God” ends epic flight in Spokane	Undated
1	43b	Ford “Tri-Motor” article	Undated
1	43c	Sullivan K-1	Undated
1	44a	Fokker Super Universal	Undated
1	44b	Stearman	Undated
1	44c	Bellanca	Undated
1	44d	Alexander Eaglerock	Undated
1	45	1928 National Air Races, Los Angeles, CA	Undated
1	46	Ford Tri-Motor	Undated
1	47a	Boeing Combination Mail-Passenger speed ship	Undated
1	47b	Dornier-Wahl Flying Boat	Undated
1	48a	Williams and Yancey with “Pathfinder”	Undated

<b>Box</b>	<b>File</b>	<b>Description</b>	<b>Date</b>
1	48b	American Eagle	Undated
1	48c	Travel Air	Undated
1	48d	Buhl	Undated
1	49	Fokker Super Universal Article	Undated
1	50a	Ford Tri-Motor Article	Undated
1	50b	Fokker Type F-32 Airliner	Undated
1	51a	Nicholas-Beazley NB-4	Undated
1	51b	Eyerly "Whiffle hen"	Undated
1	52	Airmaster Monoplane article	Undated
1	53a	Winnie Mae airmail plane article	Undated
1	53b	New Lindbergh plane - Lockheed Sirius	Undated
1	53c	Davis Aircraft Corp.	Undated
1	54a	Aqua-hydraulic fueling system	Undated
1	54b	Boeing Tri-Motor 12 passenger plane	Undated
1	54c	Col. E.A. Deeds Sikorsky Flying Boat in Dayton, OH	Undated
1	55	Alliance "Argo" biplane article	Undated
1	56	Arrow Sport plane	Undated
1	57a	Alexander D-1 article	Undated
1	57b	Travel Air Sportsman	Undated
1	57c	Curtiss-Wright Robin Sedan	Undated
1	58	Cavalier Monoplane article	Undated
1	59	Sikorsky S-40 Flying Boat article	Undated
1	60	Sikorsky S-40 Flying Boat article	Undated
1	61	Sikorsky S-40 Flying Boat article	Undated
1	62a	Lindbergh's Lockheed Sirius racer.	Undated
1	62b	Command-aire biplane	Undated
1	62c	Texaco No. 13 racer with pilot	Undated
1	63a	Travel Aire powered by Warner "Scarab" 110 hp engine	Undated
1	63b	Busy Bumblebee article	Undated
1	64a	George R. Hutchinson and modified Lockheed Sirius	Undated
1	64b	Lindbergh new mystery plane article	Undated
1	65	Bellanca Tandem article Page 1	Undated
1	66	Bellanca Tandem article Page 2	Undated
1	67a	Arrow Sport 85	Undated
1	67b	Gee Bee Sportster	Undated
1	68a	Bird 4 place biplane	Undated
1	68b	Inland Super Sport	Undated
1	69	Air Flivver article	Undated
1	70a	Heath Baby Bullet	Undated
1	70b	Corbin Baby Ace	Undated
1	70c	Corbin Baby Ace	Undated
1	71	Aeronca C-2 Monoplane	Undated
1	72	The Lindbergh TransPacific plane	Undated
1	73a	Verville	Undated

<b>Box</b>	<b>File</b>	<b>Description</b>	<b>Date</b>
1	73b	Baby Ace with Szekely engine	Undated
1	74	Douglas Ambassador Monoplane	Undated
1	75a	General Airplanes Corp. - Mail, Aristocat, Cadet	Undated
1	75b	Unidentified pusher monoplane	Undated
1	75c	Ford 5-AT Tri-Motor on floats	Undated
1	76	WACO D article	Undated
1	77	WACO YPT-14 Trainer	Undated
1	78	WACO 240 Article page 1	1953 January
1	79	WACO 240 Article page 2	1953 January
1	80	WACO 240 Article page 3	1953 January
1	81	Alexander Eaglerock diagram I	Undated
1	82	Alexander Eaglerock diagram II	Undated
1	83a	PT-13	Undated
1	83b	John Naylor	Undated
1	83c	Ryan PT-21	Undated
1	83d	Ryan PT-20A	Undated
1	84	Collage of 6 photos of USAAF training with Ryan PT-21	Undated
1	85	Boeing Stearman PT-17 diagram	1944 February
1	86	Ryan S-T drawing	1944 February
1	87	Boeing P-26 drawing	1932
1	88	Monocoupe - 90A	Undated
1	89	WACO Article	1934
1	90	Ryan "Spirit of St. Louis" and Bellanca Pacemaker drawing	Undated
1	91	Speed Holman Article page 1	Undated
1	92	Speed Holman Article page 2	Undated
1	93	Glider Clun Article	Undated
1	94a	Curtiss Kingbird	Undated
1	94b	Keystone Air Yacht	Undated
1	94c	Travel Air	Undated
1	95	Article: Some Novelties of the Early Days by Rathburn (page 1)	1931 August
1	96	Article: Some Novelties of the Early Days by Rathburn (page 2)	1931 August
1	97	Article: Inside Story of the Christmas Bullet(2 pages)	Undated
1	98a	Brunelli Monoplane	Undated
1	98b	Brunelli Monoplane	Undated
1	99	Article: The Triplane will return by Roberts	Undated
1	100	Marshall Fling School Ad	1929 May
1	101a	Graf Zeppelin	Undated
1	101b	Airship "Los Angeles" moored to "Patoka" floating landing platform	Undated
1	102a	Control Gondola of Graf Zeppelin	Undated
1	102b	"Los Angeles" with diagrams	Undated



<b>Box</b>	<b>File</b>	<b>Description</b>	<b>Date</b>
1	102c	View from Gondola of Graf Zeppelin in flight	Undated
1	103	Article: The Dirigible is not practical (page 1)	Undated
1	104	Article: The Dirigible is not practical (page 2)	Undated
1	105	Article: World's Largest Dirigible (page 1)	Undated
1	106	Article: World's Largest Dirigible (page 2, 3)	Undated
1	107	Article: The Akron's Control Room (page 1)	Undated
1	108	Article: The Akron's Control Room (page 2)	Undated
1	119	The "Graf Zeppelin" 4 pictures	Undated
1	110	The "Graf Zeppelin:	Undated
1	111a	USS Akron approaching Scott Field	Undated
1	111b	Glider attached to underside of USS Akron	Undated
1	111c	Glider being released from USS Akron	Undated
1	112a	Col. Lindbergh piloting glider over California	Undated
1	112b	Whirlwind WACO with model 9 landing gear	Undated
1	112c	"Miss Quincy" power boat	Undated
1	112d	"B-170" power boat	Undated
1	113a	Dirigible R-100 moored at St. Herbert, England	Undated
1	113b	Naval Airship LZ-77	Undated
1	113c	Airship "Nordstern" above Zeppelin Plant, Germany	Undated
1	114a	Naval Airship L-3	1914
1	114b	Airship LZ-1 wrecked in Bavarian Alps	1901
1	115	The Zeppelin Raiders (page 1)	Undated
1	116	The Zeppelin Raiders (page 2)	Undated
1	117	The Zeppelin Raiders (page 3)	Undated
1	118	The Zeppelin Raiders (page 4) plus view of crew working on airship	Undated
1	119a	USS Akron specifications	Undated
1	119b	Comparison of length of USS Akron, Graf Zeppelin and Woolworth Tower in Chicago	Undated
1	120a	Graf Zeppelin in flight	Undated
1	120b	Zeppelin hanger at Lakehurst, NJ	Undated
1	121	Theory of the Autogyro by de la Cierva	Undated
1	122	Autogyro competing with biplane	Undated
1	123	Cierva's Autogyro 4 views	Undated
1	124a	Early Autogyro without fixed wings	Undated
1	124b	Autogyro landing	Undated
1	124c	Glider in flight	Undated
1	124d	Launching a glider	Undated
1	124e	Folding wings on a Fairchild	Undated
1	125	Italian Helicopter with article	Undated
1	126a	Pitcairn Autogyro first flight	Undated
1	126b	Pitcairn Autogyro on the ground	Undated
1	127a	Pendulum monoplane	Undated
1	127b	Curtiss-Bleecker Helicopter	Undated
1	127c	Article: Claim Factor of Safety	Undated

<b>Box</b>	<b>File</b>	<b>Description</b>	<b>Date</b>
1	128	Helio-gyrocopter 2 views	Undated
1	129a	Lincoln "A.P." all-purpose monoplane	Undated
1	129b	Brown "Lightplane"	Undated
1	129c	Langdon "Odd Ship"	Undated
1	130a	Babcock New Air Flivver	Undated
1	130b	Kellett K-2 Autogyro	Undated
1	131a	"Fool-Proof Plane?"	Undated
1	131b	Navy Submarine Plane	Undated
1	131c	Navy Submarine Plane	Undated
1	132	Article "Lightplaning in Past Years"	Undated
1	133a	Aircraft flying over water	Undated
1	133b	Carrier USS Langley with fleet	Undated
1	133c	Dornier Flying Boat	Undated
1	134a	Professor designs light, cheap plane	Undated
1	134b	Tailless German Plane	Undated
1	135	Air Flivver ready to fly	Undated
1	136a	Helicopter monoplane	Undated
1	136b	Doodlebug	Undated
1	136c	Unidentified experimental plane	Undated
1	137a	Tandem Plane	Undated
1	137b	Wingless Rotor Plane (921-V)	Undated
1	138	Curtiss Tanager with diagram	Undated
1	139	Gloster "Gauntlet" diagram	Undated
1	140a	Gloster "Gauntlet" Fighter-Trainer	Undated
1	140b	3 Gloster "Gauntlet's" in flight	Undated
1	140c	Gloster "Gauntlet" carries 6 guns	Undated
1	141	Bristol "Bulldog" Mark IIA	Undated
1	142a	Bucker "Jungmeister" drawings	Undated
1	142b	Bucker "Jungmeister" with Olympic Rings on tail	Undated
1	143	Gloster "Gamecock" drawings	Undated
1	144	Fiat CR 30 drawings	Undated
1	145a	DeHavilland "Tiger Moth" drawings	Undated
1	145b	"Queen Bee" radio controlled plane	Undated
1	146	DeHavilland 56 "Moth" drawings	Undated
1	147a	Savoia-Marchetti S-64	Undated
1	147b	Junkers G-48	Undated
1	148a	DeHavilland "Puss-Moth" article	Undated
1	148b	Junkers G.38	Undated
1	149a	Handley-Page 4 engine passenger plane	Undated
1	149b	Focke-Wulf F19a "Ente"	Undated
1	149c	Dewoitine Monoplane	Undated
1	150	British Airliner "Hannibal"	Undated
2	1a	Dornier DO-X Flying Boat	Undated
2	1b	Dornier DO-X Flying Boat - Interior	Undated
2	2	Curtiss Racer flown by Marine Captain Arthur Page	Undated

<b>Box</b>	<b>File</b>	<b>Description</b>	<b>Date</b>
2	3a	Dornier-Wal 24 passenger Flying Boat	Undated
2	3b	"Hannibal" 38 passenger airliner	Undated
2	4a	Levine's new plane	Undated
2	4b	3 Fokker aircraft	Undated
2	5a	Navy's "Mystery Plane"	Undated
2	5b	3 pictures of Dornier 100 passenger flying boat DO-X	Undated
2	6	3 pictures of Dornier 100 passenger flying boat DO-X	Undated
2	7a	Berliot 110 monoplane	Undated
2	7b	Shorts "Scipio" flying boat	Undated
2	7c	English Low Wing Monoplane	Undated
2	8a	Berliot B-125 Twin Body Transport	Undated
2	8b	Tiny German Plane for \$225	Undated
2	9a	Farman Jabiru	Undated
2	9b	Unidentified Single Engine Monoplane Transport	Undated
2	9c	Sir Alan Cobham's plane	Undated
2	10a	Blackburn "Nautilus"	Undated
2	10b	Shorts "Rangoon"	Undated
2	10c	Dewoitine D-27	Undated
2	11	Captain Costa's "Question Mark" 3 views	Undated
2	12a	Seeking to break Lindy's flight record	Undated
2	12b	"Yellow Bird"	Undated
2	13	Fairey Fantome 2 page foldout	Undated
2	14a	Hawker "Fury" and "Fury II" 6 pictures	Undated
2	15a	Super Fury 2 pictures	Undated
2	15b	Tokyo Gas Denke aircraft with 9000 mile range	Undated
2	15c	Tokyo Gas Denke aircraft with 9000 mile range	Undated
2	15d	DeHavilland "Albatross"	Undated
2	15e	Focke-Wulf "Stosser"	Undated
2	16	Article Hawker "Hart" (page 1)	Undated
2	17	Article Hawker "Hart" (page 2)	Undated
2	18	Hawker "Fury" (page 1)	Undated
2	19	Hawker "Fury" (page 2)	Undated
2	20a	Danish "Nimrod"	Undated
2	20b	Portuguese "Fury"	Undated
2	21a	Hawker "Fury Panther"	Undated
2	21b	Hawker "Fury Hispano"	Undated
2	22	Article: Fury Fighters (page 1)	Undated
2	23	Article: Fury Fighters (page 2)	Undated
2	24	Article: Aristocratic Fury	Undated
2	25	Article: My Sword and I...	Undated
2	26	Spanish Furies (page 1)	Undated
2	27	Spanish Furies (page 2)	Undated
2	28	Article: British Fighting Airplanes Part II (page 1)	Undated
2	29	Article: British Fighting Airplanes Part II (page 2)	Undated
2	30	Article: British Fighting Airplanes Part II (page 3)	Undated

Box	File	Description	Date
2	31	Article: British Fighting Airplanes Part II (page 4)	Undated
2	32	Article: British Fighting Airplanes Part II (page 5)	Undated
2	33	Article: British Fighting Airplanes Part II (page 6)	Undated
2	34	Article: British Fighting Airplanes Part II (page 7)	Undated
2	35	Curtiss O-52 $\frac{3}{4}$ right view	1941 September 16
2	36	Republic YP-60E $\frac{3}{4}$ right view	Undated
2	37	Republic YP-60E $\frac{1}{4}$ left view	Undated
2	38	Curtiss XP-60A $\frac{1}{4}$ right view	1942 October 14
2	39	Curtiss XP-60 $\frac{1}{4}$ left view	1941 November 3
2	40	Curtiss XP-60C $\frac{1}{4}$ left view	1943 January 27
2	41	Average Labor Costs (\$/hr) for various projects plotted by year	1930-1945
2	42	Experimental Airplanes (costs & weight)	1948 June 3
2	43	Unidentified Graph	1930-1948
2	44	Unidentified comments and graph	1948 June 16
2	45	Experimental Aircraft and brief description (page 1)	1931-1943
2	46	Experimental Aircraft and brief description (page 2)	1934-1940
2	47	Experimental Aircraft and brief description (page 1)	1948 June 7
2	48	Experimental Aircraft and brief description (page 2)	1948 June 7
2	49	Experimental Aircraft and brief description (page 3)	1948 June 7
2	50	Experimental Aircraft and brief description (page 4)	1948 June 7
2	51	Curtiss XA-8 $\frac{1}{4}$ left view	1931 June 9
2	52	Curtiss YA-8 front view- tail down	1932 July 21
2	53	Curtiss Y1A-8A front view - tail up	1932 November 19
2	54	Curtiss Des-60A front view - tail up	1936 July 31
		<b>NOTE: Box 2 #55 to Box 3 # 28 appear to be a notebook of experimental aircraft with photos</b>	
2	55	Experimental Data Sheet (page 1)	1931-1936
2	56	Experimental Data Sheet (page 2)	1932-1933
2	57	Curtiss XP-934 left side view	1932 July 19
2	58	Curtiss Model 66 (XP-934) Army XP-31	1932 November 10
2	59	Curtiss XP-934 $\frac{1}{4}$ left view	1932 August 26
2	60	Curtiss XP-934 front view tail up	1932 November 6
2	61	Curtiss XP-934 front view tail down	1932 October 10
2	62	Experimental Data Sheet (page 3)	1932
2	63	Curtiss Model 76 (XA-14)	1936
2	64	Curtiss Y1A-18 Front view	1937 July 7
2	65	Experimental Data Sheet (page 4)	1935-1937
2	66	Curtiss Model 75 X-17Y Export fighter	Undated
2	67	Curtiss Y1P-3L left side	1937 February 27
2	68	Curtiss P-36A $\frac{1}{4}$ right view	1938 August 31
2	69	Curtiss P36A front view	1939 March 2
2	70	Curtiss XP-37 $\frac{1}{4}$ left view	1938 September 8
2	71	Gloster "Gladiator" with Swedish Markings	undated
2	72	Gloster "Gladiator" with Swedish Markings	undated

<b>Box</b>	<b>File</b>	<b>Description</b>	<b>Date</b>
2	73a	Persian "Fury" 85E	Undated
2	74a	Hawker "Fury" Hi-Speed	undated
2	75a	Hawker "Fury"	undated
2	75b	Hawker "Fury"	undated
2	76a	Hawker "Fury"	Undated
2	76b	Hawker "Fury"	undated
2	77	Hawker "Fury" Hi-Speed	undated
3	1	Curtiss YP-37 left side	1939 January 4
3	2	Curtiss P-40 ¼ left view	1940 January 13
3	3	Curtiss P-40F ¼ left view	1942 March 20
3	4	Experimental Data Sheet (page 5)	1935-1942
3	5	Experimental Data Sheet (page 6)	1941-1944
3	6	Curtiss XP-46A left side	1941 February 13
3	7	Curtiss XP-46 front view	1941 September 8
3	8	Experimental Data Sheet (page 7)	1941
3	9	Curtiss YO-40A front view - tail down	1933 March 23
3	10	Curtiss Y1O-40B ¾ left view	1933 June 26
3	11	Curtiss YO-40 sketch	1932 March 4
3	12	Curtiss XF13C-2 ¼ right	1933 December 9
3	13	Curtiss XF13C-1 ¾ left view	1933 December 27
3	14	Engineering Costs without overhead, 7 aircraft	1932-1939
3	15	Experimental Data Sheet (page 8)	1941
3	16	Curtiss Model 58 Navy XF9C-1	Undated
3	17	Experimental Data Sheet (page 9)	1931-1932
3	18	Experimental Data Sheet (page 10)	1933-1934
3	19	Curtiss SOC-3 right side view	1937 December 23
3	20	Experimental Data Sheet (page 11)	1935-1937
3	21	Curtiss XSBC-1 ¼ left view	1934 February 17
3	22	Experimental Data Sheet (page 12)	1935-1937
3	23	Curtiss XSBC-2 ¾ left view	1935 November 29
3	24	Curtiss SBC-3 Front view	1937 June 8
3	25	Curtiss SBC-4 Scout ¼ right view	1940 February 24
3	26	Experimental Data Sheet (page 13)	1935-1939
3	27	Experimental Data Sheet (page 14)	1939-1940
3	28a	Experimental Data Sheet (page 15)	1940-1945
3	28b	XP-37 cost computations	1940 October 13
3	29	Engineering Costs - Without Overhead 7 aircraft (1)	Undated
3	30	Engineering Costs - Without Overhead 5 aircraft (1a)	Undated
3	31	Engineering Costs - Without Overhead 4 aircraft (1b)	Undated
3	32	Engineering Costs - Without Overhead 7 aircraft (2)	Undated
3	33	Engineering Costs - Without Overhead 5 aircraft (3)	Undated
3	34	Engineering Costs - Without Overhead 7 aircraft (4)	Undated
3	35	Engineering Costs - Without Overhead 7 aircraft (5)	Undated
3	36	Engineering Costs - Without Overhead 6 aircraft (6)	Undated
3	37	Engineering Costs - Without Overhead 7 aircraft (8)	Undated

<b>Box</b>	<b>File</b>	<b>Description</b>	<b>Date</b>
3	38	Engineering Costs - Without Overhead 7 aircraft (9)	Undated
3	39	Engineering Costs - Without Overhead 5 aircraft (10)	Undated
3	40	Engineering Costs - Without Overhead 6 aircraft (11)	Undated
3	41	Engineering Costs - Without Overhead 3 aircraft (12)	Undated
3	42	Engineering Time - Man Days 7 aircraft	Undated
3	43	Cost - XA-3 - Army 1931	1948 June 10
3	44	Cost YO-40 Army 1932	1948 June 10
3	45	YO-40 revision	1948 September 10
3	46	Cost - XP-934 Army 1932	1948 June 10
3	47	XP-934 revision	1948 September 10
3	48	Cost - XA14 - Army 1934-35	1948 June 18
3	49	XA-14 revision	1948 September 10
3	49a	Cost Design 75 - Y1P-36 Army 1934-37	1948 June 18
3	50	Design 75 revision (page 1)	1948 September 10
3	51	Design 75 revision (page 2)	1948 September 10
3	52	Cost - XP-46 - Army 1940-41	1948 September 8
3	53	XP-46 revision	1948 September 10
3	54	Cost - XP-60A,B.C - Army 1940-43 (page 1)	1948 September 7
3	55	Cost - XP-60A,B.C - Army 1940-43 (page 2)	1948 September 8
3	56	Cost - XP-60A,B.C - Army 1940-43 (page 3)	1948 September 10
3	57	Cost - XP-60A,B.C - Army 1940-43 (page 4)	1948 September 10
3	58	Cost - XP87 - 2 airframes	1948 June 9
3	59	Cost - XF9-1 -Navy 1931	1948 September 8
3	60	Cost - XF13C-1,2 - Navy 1933 (page 1 crossed out)	1948 September 8
3	61	Cost - XF13C-1,2 - Navy 1933 (page 2 crossed out)	1948 September 13
3	62	Cost - XF13C-1,2 - Navy 1933 (page 1)	1948 September 16
3	63	Cost - XF13C-1,2 - Navy 1933 (page 2)	1948 September 16
3	64	Cost - XSBC-1 -Navy 1933	1948 September 8
3	65	Cost - XSBC-1 revision	1948 September 13
3	66	Cost - XO3C-1 - Navy 1933-34	1948 September 9
3	67	Cost - XO3C-1 revision	1948 September 13
3	68	Cost - XSBC-2 - Navy 1935 (page 1 crossed out)	1948 September 8
3	69	Cost - XSBC-2 - Navy 1935 (page 2 crossed out)	1948 September 8
3	69	Cost - XSBC-2 - Navy 1935 (page 3 crossed out)	1948 September 13
3	70	Cost - XSBC-2 - Navy 1935 (page 1 )	1948 September 16
3	71	Cost - XSBC-2 - Navy 1935 (page 2)	1948 September 16
3	72	Cost - XSO3C-1 - Navy 1939(E)	1948 September 9
3	73	Cost - XSO3C-1 revision	1948 September 13
3	74	Letter from J.M. Rice to E.J. Ashman re XSB3C-1	1943 August 7
3	75	XSB3C-1 Engineering Release Schedule (page 1)	1942 March 2
3	76	XSB3C-1 Engineering Release Schedule (page 2)	1942 March 2
3	77	XSB3C-1 Engineering Release Schedule (page 3)	1942 March 2
3	78	Cost - XSB2C-1 - Navy 1940(E)	1948 September 9
3	79	Cost - XSB2C-1 revision	1948 September 12
3	80	Cost - XF14C-1,2,3 - Navy 1942(L)	1948 September 9

<b>Box</b>	<b>File</b>	<b>Description</b>	<b>Date</b>
3	81	Cost - XF14C-1,2,3 revision	1948 September 13
3	82	Cost - XSC-1 - Navy 1943	1948 September 9
3	83	Cost - XSC-1 revision	1948 September 13
3	84	Cost - XBTC-2 - Navy 1944 (Crossed Out)	1948 September 9
3	85	Cost - XBTC-2 revision (Crossed out)	1948 September 9
3	86	XBTC-2 Paid Charges	1948 September 19
3	87	Cost - XBTC-2 - Navy 1944	1948 September 15
3	88	Cost - XF15C - Navy 1945(E) crossed out	1948 September 9
3	89	Cost - XF15C - revision crossed out	1948 September 9
3	90	Study based on Curve of "Estimated Engineering Manpower Application" Navy XF15C Projects	1948 September 15
3	91	Cost - XF15-C - Navy 1945(E)	1948 September 15
3	92	Army spreadsheet crossed out	1948 September 8
3	93	Army/Navy spreadsheet crossed out	1948 September 13
3	94	Army/Navy Spreadsheet	1948 September 17