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Collection Overview

Repository: National Air and Space Museum Archives

Title: Curtiss-Wright Corporation Records

Identifier: NASM.XXXX.0067

Date: 1868-1972 (bulk 1925-1949)

Extent: 146 Cubic feet (228 boxes)

Creator: Curtiss-Wright Corporation

Language: English

Summary: This collection consists of the corporate records of the Curtiss-Wright Corporation. Included in the collection are technical and engineering reports of Curtiss-Wright Airplane Division's operations in St. Louis (Robertson), MO (1935-1945) and Buffalo, NY, (1932-1945), as well as AAS Material Division and AAF Air Technical Services Command memorandum reports collected by Curtiss-Wright's St. Louis and Buffalo technical reference libraries. The collection also contains the files of Curtiss-Wright's Patent Department, which hold records of patents filed by Curtiss-Wright and patent-infringement cases involving Curtiss-Wright. Also included in the collection are specifications issued by and photos commissioned by the Keystone Aircraft Corporation (Huff-Daland Airplanes, Inc. until March 1927), which had been acquired by Wright in 1928 along with Loening Aeronautical Engineering Corp., and formed the Keystone Division of Curtiss-Wright until 1932 when Keystone's Bristol, PA factory closed its doors. The collection also contains financial records of the Curtiss-Wright Airports Corporation, which was liquidated in 1936, as well as an extensive negative collection featuring Curtiss-Wright aircraft from the 1930s and 1940s, concentrated especially on the war years.

Administrative Information

Acquisition Information

Curtiss-Wright Corporation, gift, XXXX, 1969

Processing Information

Every effort was made to try to date each folder. The date range is given in brackets when an exact date could not be found, e.g. [1940-1950].

Box 177 holds oversize (legal-size) materials. There are separation sheets throughout boxes 75-221 when necessary to redirect the archivist to "Legal Size Box #1" which is Box 177.
Historical

An historic event in aviation occurred on June 26, 1929 when two major aircraft companies: the Curtiss Aeroplane and Motor Company merged with the Wright Aeronautical Corporation to form the Curtiss-Wright Corporation. After this merger, the former Wright organization took over all of the engine and propeller manufacture while Curtiss concentrated on airplanes. This merger was completed by organizing two major divisions under their original names, but under the direction of a corporate headquarters located in New York City. However, there was a recognized separation of spirit as well as specialized facilities that was never completely resolved in succeeding years. The election of former Wright personnel to key corporate positions soon led to Wright becoming the dominant division. At the height of the Lindbergh Boom during the 1920s and 1930s, the Curtiss-Wright Corporation was made up of the following identified organizations: The Curtiss Aeroplane & Motor Company; The Curtiss-Caproni Corporation; The Curtiss-Robertson Airplane Manufacturing Company; The Keystone Aircraft Corporation; The Moth Aircraft Corporation; The Travel Air Manufacturing Company; The Wright Aeronautical Corporation; Curtiss-Wright Flying Service; The Curtiss-Wright Sales Corporation; The Curtiss-Wright Export Corporation. Curtiss-Wright was quickly becoming the 'General Motors of the Air' until the great depression in October 1929. Sales dropped and Curtiss-Wright was forced to close certain satellite plants and transfer some of their product lines to the St. Louis facility. It looked like even the Buffalo plants would also have to close when Curtiss-Wright received an order from Colombia, South America for Hawks and Falcons. This was the largest military order to Curtiss since the war. The Colombia sale saved the Curtiss-Wright organization at this low point in its history. This order kept the production lines going until new military and civil markets began to open up as the depression waned and the build-up for World War II began. During the U.S. military build-up prior to the attack on Pearl Harbor, all existing Curtiss-Wright plants were expanded and new aircraft factories were built at Columbus, Ohio and Louisville, Kentucky. The dropping of the two atomic bombs on Japan resulted in an unexpected early end to World War II. All of the major U.S. airplane builders including Curtiss-Wright were hit by massive contract cancellations because of the Japanese surrender. In 1946 Curtiss-Wright had only two experimental military models at hand for postwar delivery and no assurance of production orders. Curtiss-Wright was forced to shut down all airplane plants and transfer all units of the Aeroplane Division to their Columbus Plant. The eventual sale of the Airplane Division to North American included design rights to the former Curtiss-Wright airplanes. The Curtiss-Wright Airplane Division, which manufactured airframes, finally closed down in 1951.
Scope and Contents

The Curtiss-Wright Corporation Records collection contains approximately 146 cubic feet of material. The collection contains the following material:

• Army Air Service Material Division & Army Air Force Technical Services Command Memo
• Reports & Technical Reports which include testing of various Curtiss-Wright models of aircraft and/or various parts of aircraft
• Technical & Engineering Reports from the St. Louis, MO plant [Robertson] & Buffalo, NY plant
• Patents, Patent Dockets, Patent Serial numbers, Suits, License Agreements, Patents filed by Curtiss-Wright & Patent Infringement Cases [1800s to 1940s]
• Miscellaneous Research Files
• Corporate & Financial Records [1923 to 1972]
• Correspondence
• Blueprint Drawings
• Advertisements from Newspapers & Magazines in Scrapbooks
• Engine Decals
• Photographs
• Negatives & Glass Plates

Arrangement

This collection was arranged into Series and Subseries:

Series I: Curtiss-Wright Corporation Records


Series II: Technical Reports

Subseries I: Air Corps Materiel Division, Reports [ACMR] Subseries II: Buffalo Reports Subseries III: St. Louis

Series III: Glass Plates [this part of the collection has not been processed]

Series IV: 1969 Accretion - Listing of Archival Material

Series V: Master Print Books [this part of the collection has not been processed]

Names and Subject Terms

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

Subjects:
Aeronautics
Aeronautics, Commercial -- United States
Aeronautics, Military
Curtiss, General, Aircraft
Curtiss-Wright aircraft

Types of Materials:
Drawings
Financial records
Motion pictures (visual works)
Reports

Names:
Curtiss-Wright Airports Corporation
Keystone Aircraft Corp
Container Listing

Series 1: Curtiss-Wright Corporation Records, 1868-1972

1.1: Corporation Reports, 1922-1972

This subseries is organized by Wright Aeronautical Corporation: corporate, financial records, annual reports, sales and service, correspondence, supplies, license agreements, contract agreements, photographs and publications. During processing the material was arranged by subject and then in chronological order.

Box 1, Folder 1       Curtiss-Wright Corporation - Composite Certificate of Incorporation, [1929-1967]
Box 1, Folder 2       Curtiss-Wright Corporation - By Laws, 4/5/68
Box 1, Folder 3       Power of Attorney
Box 1, Folder 4       Journal Vouchers, [1945]
Box 1, Folder 5       Wright Aero. Corp. (New York, Missouri & Delaware) Corporate Statistics & Calendar, 12/2/32
Box 1, Folder 6       Curtiss-Wright Corporation, Annual Reports, [1944 to 1963]
Box 1, Folder 7       Curtiss-Wright Corporation, Annual Reports, [1964 to 1972]
Box 1, Folder 8       Report of Service Division, [1935]
Box 1, Folder 9       Service Division, Annual Report, [1936]
Box 1, Folder 10      Sales & Service Department, Annual Report, [1936]
Box 1, Folder 11      Sales & Service Department, Annual Report, [1937]
Box 1, Folder 12      Sales Department, Annual Report, [1949]
Box 1, Folder 13      Sales Department, Annual Report, [1950]
Box 1, Folder 14      Sales Engineering Division Report 572, Route Structure and Financial Analysis of U.S. Domestic and International Airlines, 5/20/57
Box 1, Folder 15      Curtiss-Wright, Correspondence, 1929
Box 1, Folder 16      Curtiss-Wright, Correspondence Regarding Paint Processes, 1932
Box 1, Folder 17      Curtiss-Wright, Inter-Office Memorandum, 1938, 1943
Box 2, Folder 1       Order & Contract Division, Annual Report, [1949]
Box 2, Folder 2  Curtiss-Wright, Report to Stockholder, 9 Months Period Ended, 9/30/48
Box 2, Folder 3  Aerial Service Corporation Correspondence, [1925-1931]
Box 2, Folder 4  Charles E. Hathorn, File Correspondence, [1930s]
Box 2, Folder 5  Ireland Aircraft Inc., [1920s-1930s]
Box 2, Folder 6  William E. Valk (Buffalo) Correspondence [Patent Dept.], 1934
Box 2, Folder 7  K.L.M., Wright Correspondence, [1935]
Box 2, Folder 8  Swiss Air, Wright Correspondence, [1935]
Box 2, Folder 9  Captain S.L. Van Meter, Jr., Correspondence, [1920s-1930s]
Box 2, Folder 10 Charles E. Hathorn, Travel Expenses, [1940s]
Box 2, Folder 11 Richard W. Treverton, Travel Expenses, [1940s]
Box 2, Folder 12 Frederick M. Woodruff, Travel Expenses, [1940s]
Box 3, Folder 1-5 Requests for Checks, Bills Payable, 1945-1949
Box 4, Folder 1-6 Supplies, 1944-1949
Box 4, Folder 7  Curtiss-Wright Information for our Factory & Office Employees, 12/10/42
Box 4, Folder 8  Plant Engineering Manual
Box 4, Folder 9  Statutory Renegotiation Data for 1945, 1945
Box 5, Folder 1  Report of Second Board of Arbitration Appointed to Consider One Patent Reported by the Thomas-Morse Aircraft Corporation under Article V of the Cross License Agreement (& Third Board which is the Curtiss Aeroplane & Motor Corp.), 11/16/23
Box 5, Folder 2  Reasons to Continue Cross-License Agreement, [1923-1925]
Box 5, Folder 3  Cross - License Agreement Between Curtiss & Wright, [1926]
Box 5, Folder 4  License Agreement Between Curtiss & Bellanca (2 copies), [1932]
Box 5, Folder 5  License Agreement Between Curtiss-Wright & Bellanca (2 copies), [1932]
Box 5, Folder 6  License Agreement Between Wright & Bellanca (2 copies), [1932]
Box 5, Folder 7  License Agreement Between Keystone & Bellanca (2 copies), [1932]
Box 5, Folder 8  Wright Airplane License Agreement Forms (2 blank forms)
Box 5, Folder 9  Contract Between France & Curtiss-Wright, 8/17/39
Box 5; 6, Folder 10-12; 1-3
World War II Contract Agreements, [1939-1942]

Box 6, Folder 4
Comparative Analysis Post War Production, 5/25/45

Box 7, Folder 1
Curtiss-Wright Airports Corporation - Corporate, [1929-1937]

Box 7, Folder 2
Curtiss-Wright Airports Corporation - C.M. Keys Company, [1930-1931]

Box 7, Folder 3
Curtiss-Wright Airports, Correspondence, [1932-1935]

Box 7, Folder 4
Curtiss-Wright Airports: Airplane Sales List, 8/31/33

Box 7, Folder 5
Comparative Balance Sheet, 6 Mos., [1930-1934]

Box 7, Folder 6
Curtiss-Wright Airports Corporation & Subsidiary Company, Certified Balance Sheet, 1932

Box 7, Folder 7
Curtiss-Wright Airports Corporation & Subsidiary Company, Certified Balance Sheet, [1933-1935]

Box 7, Folder 8
Curtiss-Wright Airports Corporation - Senate Investigation Committee, 3/6/34

Box 7, Folder 9
Curtiss-Wright Airports, Summaries, Duplicate Audit Report, All Companies, [1935]

Box 7, Folder 10
Curtiss-Wright Airports Corporation [Delaware Corporation] Analysis of Net Worth, 8/31/36

Box 7, Folder 11
Curtiss-Wright Airports Corporation & Subsidiaries [Delaware Corporation] Determination of Net Worth for Distribution to Stockholders as of 8/31/36

Box 7, Folder 12
Curtiss-Wright Airports Corporation: Investments in & Receivables from Subsidiary Companies, 8/31/36

Box 7, Folder 13
Balance Sheets, Dissolution Date, [1936]

Box 7, Folder 14
Curtiss-Wright Airports Corporation & Various Subsidiaries Dissolution & Liquidation, [1936]

Box 7, Folder 15
Curtiss-Wright, Buffalo Airport Plant, [1940s]

Box 7, Folder 16
Bronx Airport, Publicity, [1935]

Box 7, Folder 17
Land Leases for Airports, [1943]

Box 8, Folder 1
Plant Occupation and/or Disposition of Curtiss-Wright Corporation Airplane Division, 8/28/45

Box 8, Folder 2
Report on Production Facilities & Cost, Enclosure I [photos], [1948]
Box 8, Folder 3  Floor Plan Layouts, 3/23/48
Box 8, Folder 4  Curtiss-Wright Report: Practical Aspects of Cost Reduction, Wood-Ridge, New Jersey, 7/9/52
Box 8, Folder 5  Notes & Data on Engineering Procurement, Active Engines, Rebuild Cycles & Manpower Distribution, February 1957
Box 8, Folder 6  Curtiss Production Improvement Bulletins: Introduction to #65, [1942-1943]
Box 8, Folder 7  Tradewinds: 25th Anniversary Issue of the Wright Aeronautical Corporation, 10/9/44
Box 8, Folder 8  The Curtiss-Wrighter, Newsletter, (December 1966 thru June 1969)
Box 8, Folder 9  Memo Discussing a Policy Proposed by the Chief of Air Service for the Procurement of Aeronautical Equipment, Unpatented, 12/10/24
Box 8, Folder 10  National Advisory Committee for Aeronautics Reports, 1922, 1924, 1925 & 1927
Box 8, Folder 11  Federal Aviation Commission Report, January 1935
Box 8, Folder 12  The New York Patent Law Association Year Book, 1936
Box 8, Folder 13  “Aerial Observations,” Ansett Airway Publication, [c. 1938]
Box 8, Folder 14  Two Aircraft Factory Photos & 1 Car Photo
Box 8, Folder 15  Wood-Ridge New Jersey Plant, Personnel Photos & Negatives
Box 8, Folder 16  Reproduction Photo of Oil Painting: "When the Cyclones are Cradle - Bound." The Home Where "Mechanical Furies" are Born - Wright Aero. Plant, Patterson, NJ, UNDATED

1.2: Patents, 1906-1937

The Patent Subseries of the Curtiss-Wright Collection consists of patents, patent dockets, suits, license agreements, correspondence, photos and miscellaneous research files.

For this subseries, the material was arranged by patent numbers.

The processing Archivist used the following definition of a patent as a guide for processing the material: a patent is an exclusive right granted by a government to an inventor to manufacture, use, or sell an invention for a certain number of years. For more information on patents in this collection, the researcher may want to review the following subseries: Subseries III, Patent Serial Numbers, Subseries IV, Patent Application/Dockets and Subseries V, Patent Litigation.

Box 9, Folder 1  Patent No. D91046, Ernest Verity, Card Table Top, 7/11/33
Box 9, Folder 3  Patent No. 383203, Joseph J. Powers, Perambulators, 2/17/33
Box 9, Folder 4  Patent No. 1243272, C.L. Duhem, Movable Camera Support, 10/16/17
Box 9, Folder 5  Patent No. 1294374, Adolph Peteler, Shock Absorbers & Thermostat Therefor, 8/1/31
Box 9, Folder 6  Patent No. 1311447, Serial No. 118957, Lodewyk J.R. Holst & Niels Pedersen, Camera Mechanism, 9/8/16
Box 9, Folder 7  Patent No. 1605618, John G. Schmitt, Accelerator, 5/14/25
Box 9, Folder 8  Patent No. 1656085, James S. Spainhour, Radio Phonograph, 11/27/25
Box 9, Folder 9  Patent No. 1691376, Daniel J. Brimm, Jr., Stabilizer Adjustment, 3/10/27
Box 9, Folder 10 Patent No. 1702533, Daniel J. Brimm, Jr., Boat Hulls, 2/10/28
Box 9, Folder 11 Patent No. 1703222, Daniel J. Brimm, Jr., Airplane Landing Gear, 3/10/27
Box 9, Folder 12 Patent No. 1703652, Luis Azarraga, Airplane Dolly, 1/16/28
Box 9, Folder 13 Patent No. 1708458, Willgoos (articles), [1906-1923]
Box 9, Folder 14 Patent No. 1708458, Willgoos, Correspondence, [1928-1929]
Box 9, Folder 15 Patent No. 1708458, Andrew V.D. Willgoos, Original Granted Improvement of Internal-Combustion Engine, 4/9/29
Box 10, Folder 1  Patent No. 1718457, Hubert F. Franklin, Fluid Pressure Actuating Mechanism, 9/14/27
Box 10, Folder 2  Patent No. 1719160, William C. Zagarino & Marshall T. McDonald, Battery Indicator No. 1 Heat Operated, 5/22/28
Box 10, Folder 3  Patent No. 1720661, Daniel J. Brimm, Jr., Control Mechanism, 11/1/27
Box 10, Folder 4  Patent No. 1722088, Arthur C. Hayden, Motion Picture Camera, 5/28/28
Box 10, Folder 5  Patent No. 1739113, Luis Azarraga, Motion Picture Camera #1, 4/20/28
Box 10, Folder 6  Patent No. 1744064, William C. Zagarino & Marshall T. McDonald, Battery Indicator #2, 5/22/28
Box 10, Folder 7  Patent No. 1748379, Luis Azarraga, Camera, 7/12/27
Box 10, Folder 8  Patent No. 1777685, F.D. Warner, Parachute Deflator, 1/31/29
Box 10, Folder 9  Patent No. 1786264, Sylvanus A. Reed, Energy Transmission Means, 10/14/27
Box 10, Folder 10 Patent No. 1789289, Luis Azarraga, Camera #3, 5/22/28
Box 10, Folder 11  Patent No. 1791054, Nelson W. Dalton, Method of Drying Agricultural Products, 10/10/28

Box 10, Folder 12  Patent No. 1791112, Luis Azarraga, Camera #2, 10/10/27

Box 10, Folder 13  Patent No. 1791152, Solomon L. Van Meter, Jr., Storage Batteries, 12/29/25

Box 11, Folder 1  Patent No. 1801637, John MacDonald Nichols, Attachment for Fastening a Tray of the Like to a Supporting Structure, 10/26/28

Box 11, Folder 2  Patent No. 1838972, Gordon E. Weir, Typocalculator, 9/26/27

Box 11, Folder 3  Patent No. 1890469, Joseph J. Powers, Perambulators, 5/18/31

Box 11, Folder 4  Patent No. 1911924, Joseph J. Powers, Perambulators, 9/5/31

Box 11, Folder 5  Patent No. 1932475, Adolph Peteler, Sun Shield, 12/10/32

Box 11, Folder 6  Patent No. 1934944, McPherson, Copy of Case History, [1927-1933]

Box 11, Folder 7  Patent No. 1953128, Adolph Peteler, Shock Absorber, 2/7/29

Box 11, Folder 8  Patent No. 1963772, William A. Bohannon (& Mineola) & Clara B. Gilbert, Aerial Banner, 6/29/33

Box 11, Folder 9  Patent No. 1979900, John MacDonald Nichols, Binders, 10/24/33

Box 11, Folder 10  Patent No. 2008771, Sylvanus A. Reed, Automatic Variable Pitch Propeller, 1/9/35


Box 11, Folder 12  Patent No. 2021620, Gordon Everett Weir, Envelope, 9/11/34

Box 11, Folder 13  Patent No. 2038376, Edmund B. Moore, Automatic Thermostatic Switches, 9/11/34

Box 12, Folder 1  Patent No. 2055247, Joseph Calamita, Radio Coil Construction, 9/22/36

Box 12, Folder 2  Patent No. 2061891, William A. Bohannon & Clara B. Gilbert, Tray Rack, 10/29/35

Box 12, Folder 3  Patent No. 2091830, Adolph Peteler, Shock Absorber Valves, 6/9/36

Box 12, Folder 4  Patent No. 2093148, William T. Hoofnagle & George Malvese, Beach Cleaning Machine, 6/10/36

Box 12, Folder 5  Patent No. 2101445, Edmund B. Moore, Automatic Constant Heat Electric Soldering Iron, 6/21/34
The Curtiss-Wright Corporation was constantly engaged in developing new aviation equipment and applying for patents to protect their inventions.

This material was arranged by patent application serial numbers.

The researcher will find in this subseries: patent applications, correspondence and drawings regarding specific patents in docket folders. For more information on patents in this collection, the researcher may want to review the following subseries: Subseries II, Patents, Subseries IV, Patent Application/Dockets and Subseries V, Patent Litigation.
Box 13, Folder 11  Serial No. 588099, Hubert F. Franklin, Steering Mechanism, 1/22/32
Box 13, Folder 12  Serial No. 655596, Adolph Peteler, Shock Absorbers, 2/7/33
Box 13, Folder 13  Serial No. 707870, Ernest W. Binns, Water Gauge, 1/23/34
Box 13, Folder 14  Serial No. 722855, Carl Hoffmeister, Beer Dispensing System, 4/28/34
Box 13, Folder 15  Serial No. 731634, Edmund B. Moore, Improvement in Automatic Constant Heat Soldering Irons, 6/21/34


By definition, a docket is a list of cases in court for trial, or the names of the parties who have cases pending. A docket is also an official memorandum or entry of proceedings in a legal cause. The Curtiss-Wright Corporation was involved in legal disputes during their existence as a business. For more information on patents in this collection, the researcher may want to review the following subseries: Subseries II, Patents, Subseries III, Patent Serial Numbers and Subseries V, Patent Litigation.

For clarification this material was arranged by docket numbers, numerically by case numbers.

Box 14, Folder 1  Docket #3, George C. Adams & John A. Methot Serial No. 445588, Automobile Trailer, 2/17/21
Box 14, Folder 2  Docket #65-A, Robert A. Darby, Differential Balance for Airfoils, 7/29/42
Box 14, Folder 3  Docket #65-P, Ralph J. Kochenburger, Control System, 7/7/44
Box 14, Folder 4  Docket #65-W, Edward C. Steiner, True Motion Connecting Rod, 10/30/42
Box 14, Folder 5  Docket #66, Reed Propellers, License (file includes list of first 115 metal propellers delivered), UNDATED
Box 14, Folder 6  Docket #66-A, Robert Alan Darby, Fuselage Bulge, 5/19/43
Box 14, Folder 7  Docket #66-D, Ferdinand, Bristol Sonic Pump, 10/26/43
Box 14, Folder 8  Docket #66-P, Foster B. Stulen, Art of Producing Propeller Blades, 7/31/44
Box 14, Folder 9  Docket #66-W, Wilton G. Lundquist, Throttle Body, 10/30/42
Box 14, Folder 10 Docket #67A, Patent File: Hall vs Curtiss - also Airplane Deliveries, 1923-1930
Box 15, Folder 1  Docket #67-A, R.C. Blaylock & Harry R. Berrisford, Flexible Tank & Support Means, 1/29/43
Box 15, Folder 2  Docket #67-P, Foster B. Stulen & Edward S. Bucher, Blade Construction, Propeller Blade & The Art of Producing Them, 8/8/44
Box 15, Folder 3  Docket #67-W, Wilton G. Lundquist, Engine, 3/9/44
Box 15, Folder 4  Docket #68-A, Frederick B. Edwards, Quick Disconnect Device, 2/6/42
Box 15, Folder 5  Docket #68-D, Robert W. Jenny, Potentionmeter with Eccentric Arm, 8/22/44
Box 15, Folder 6  Docket #68-P, Foster B. Stulen & Edward S. Bucher, Blade Construction, Propeller Blade & the Art of Producing Them, 8/8/44
Box 15, Folder 7  Docket #68-W, Wilton G. Lundquist, Valve Gears (this case merged with 67-W), UNDATED
Box 15, Folder 8  Docket #69-A, Charles E. Hathorn, Screw & Method of Making Same, 5/27/42
Box 15, Folder 9  Docket #69-D, Peter F. Rossmann, Potentiometer (docket dropped - 5/28/45)
Box 15, Folder 10 Docket #69-P, Maurice E. Cushman, Propeller Blade, Bearing & Seal Assembly, 9/7/44
Box 15, Folder 11 Docket #69-W, Kenneth A. Browne, Equalizing Valve, 11/30/42
Box 16, Folder 1  Docket #70-D, Robert W. Jenny, Two Speed Helicopter Drive, 10/6/42
Box 16, Folder 2  Docket #70-P, Louis H. Enos & Foster B. Stulen, Blade Constructions, Reinforced Propeller Blades & the Art of Producing Them, 9/7/44
Box 16, Folder 3  Docket #70-W, Kenneth A. Browne, Hydraulically Operated Rotating Clutch, 11/30/42
Box 16, Folder 4  Docket #70-AC, Joseph T. Barnes & William A. Collins, Methods of Templet or Patterns, 4/14/42
Box 16, Folder 5  Docket #71-P, George W. Brady, Reinforced Propeller Blades, Plate Constructions & the Art of Producing Them, 9/7/44
Box 16, Folder 6  Docket #71-W, Kenneth A. Browne, Supercharger Fuel Injection, 11/30/42
Box 16, Folder 7  Docket #71-AT, Curtiss-Wright Corporation, Accipiter (abandoned 8/10/44)
Box 16, Folder 8  Docket #72-D, Richard C. Dehmel, Variable Potential Integrating Device, 7/13/44
Box 16, Folder 9  Docket #72-P, Arthur W. Steinberger, Propeller Blades, 9/21/44
Box 16, Folder 10 Docket #72-W, Hermon H. Rowland, Tool Holder, 12/9/42
Box 16, Folder 11 Docket #72-AT, Curtiss-Wright Corporation, "Sky - Clearer" Interceptor Pursuit (abandoned), 8/10/44
Box 16, Folder 12 Docket #73-A, William B. Westcott, Jr., Retractable Nose Wheel, 4/24/43
Box 17, Folder 1  Docket #73-P, Arthur W. Steinberger, Art of Welding, Plate & Propeller Blade Construction, 9/21/44
Box 17, Folder 2  Docket #73-W, Cornelius Hartley, Disconnect Switch, 1/27/43
Box 17, Folder 3  Docket #74-P, Joseph R. Schoenbaum, Control System, 10/6/44
Box 17, Folder 4  Docket #74-W, Allan Chilton, Torsion Valve Spring, 4/8/43
Box 17, Folder 5  Docket #74-AB, Clem G. Trimbach, Serial No. 480114, Lattice Type Ammunition Feed Chute, 3/22/43
Box 17, Folder 6  Docket #75-P, Joseph R. Schoenbaum, Frequency Responsive System, 10/4/44
Box 17, Folder 7  Docket #75-W, Roland Chilton, Transmission, 12/23/42
Box 17, Folder 8  Docket #75-AT, Curtiss-Wright Corporation (Buffalo), Trade Mark, "Hell Diver", 10/9/43
Box 17, Folder 9  Docket #76-D, Robert E. Bruckner, Transmission or Power Generating System, 6/29/44
Box 17, Folder 10 Docket #76-D, Fred M. Cousins, Regenerative Flywheel Transmission, 6/3/44
Box 18, Folder 1  Docket #76W, Roland Chilton, Transmission, 11/1/43
Box 18, Folder 2  Docket #76-PF, Jack H. Sheets, Sealed Propeller Hub Arrangement, 2/9/45
Box 18, Folder 3  Docket #93-W, Eric Preece, Serial No. 496230, Reinforced Plastic Cutter, 7/15/43
Box 18, Folder 4  Docket #93-AC, Raymond C. Blaylock & Peter Bukoff, Serial No. 480116, Hydraulically Operated Split Flaps, 3/22/43
Box 18, Folder 5  Docket #93-PF, William J. Peterson, Serial No. 521491, Jettisoning Mechanism for Aircraft Propellers, 12/14/44
Box 18, Folder 6  Docket #94-W, M. Kaufman, Serial No. 495004, Electroplating Fixture, 7/16/43
Box 18, Folder 7  Docket #94-AT, Curtiss-Wright Corp., T.M. "Warhawk" (with background), Serial No. 456463, 10/27/42
Box 18, Folder 8  Docket #94-PF, Charles A. Poekel, Serial No. 521785, Anti-Icing Means for Aircraft Propellers, 12/26/44
Box 18, Folder 9  Docket #95-P, Foster B. Stulen, Serial No. 569584, Method of Producing Blade Constructions & Propeller Blades, 12/23/44
Box 18, Folder 10 Docket #95W, Robert S. Kinsey #502,385, Coupling, 4/26/43
Box 18, Folder 11 Docket #95-AT, Curtiss-Wright Corp., T.M. "Tomahawk" (with background) Serial No. 456461, 10/27/42
Box 18, Folder 12 Docket #96-D, Richard V. Heller, Serial No. 681200, Control Landing System for Flight Training Apparatus, 7/3/46
Box 18, Folder 13  Docket #96-W, Herman D. Jackes, Serial No. 492192, Electrical Ratio Indicating Instrument, 6/9/43

Box 18, Folder 14  Docket #96-AT, Curtiss-Wright Corp., T.M. "Kittyhawk" (with background), Serial No. 456457, 10/5/42

Box 19, Folder 1  Docket #97-D, Robert E. Bruckner, Serial No. 553051, Regenerative Fluid Drive, 9/13/44

Box 19, Folder 2  Docket #97-W, F.J. Wiegand & E.F. Pierce, Serial No. 509336, Automatic Anti-Detonation System, 10/23/43

Box 19, Folder 3  Docket #97-AT, Curtiss-Wright Corp., T.M. "Mohawk" (with background), Serial No. 456459, 10/5/42

Box 19, Folder 4  Docket #97-PF, August A. Holfelder, Serial No. 6874/45, Method of & Means for Removing Embedded Material, 3/19/45

Box 19, Folder 5  Docket #98-D, John H. Straub & Richard V. Heller, Freight Transfer Apparatus, 3/11/46

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Docket #104-PF, George W. Brady #524,853 Rib Reinforcing Means for Propeller Blades, 3/24/45

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Box 23, Folder 7  Docket #2833, Christofferson #1,248,808, Internal Combustion Engine Search, [1901-1917]

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Box 24, Folder 2  Docket #2833, Winton Et Al #925,258, Internal Combustion Engine Search, [1907-1909]
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Box 24, Folder 9  Docket #2833, Canton Et Al #1,154,971, Internal Combustion Engine Search [docket folder was empty], UNDATED

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Box 25, Folder 11  Docket (no number), Daniel J. Brimm, Jr., Radiator Compound #593205, 2/12/32

1.5: Patent Litigation, 1868-1949

The Curtiss-Wright Corporation was involved in numerous legal disputes with other major aircraft companies over patent rights. The processing Archivist used the following definition of a patent as a guide for processing the material: a patent is an exclusive right granted by a government to an inventor to manufacture, use, or sell an invention for a certain number of years.

This material was arranged alphabetically by manufacturer and by date.

Boxes 46-50 contain the Curtiss-Wright Inter-Office Memoranda, 1933-1947. It appears that Curtiss-Wright assigned an internal item number to each of the documents after receiving the materials. They were found in item number order and processed accordingly. Inter-Office memoranda cover an assortment of proposed patents. Researchers will find correspondence, memos, patents and drawings regarding specific Curtiss-Wright patents and litigation pertaining to those patents.

For more information on patents in this collection, the researcher may want to review the following subseries: Subseries II, Patents, Subseries III, Patent Serial Numbers and Subseries IV, Patent Application/Dockets.

Box 26, Folder 1  Bellanca Suit, [1930-1931]

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Box 27, Folder 6  Handley-Page Limited, Plaintiff vs Curtiss Aeroplane & Motor Company, Inc. Defendant, Equity No. 4608, File 301, [1910-1930]

Box 27, Folder 7  Handley-Page Limited, Plaintiff vs Curtiss Aeroplane & Motor Company, Inc. Defendant, Equity No. 4608, File 301 - Drawer 1, [1911-1930]

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Box 28, Folder 3  Handley-Page Limited, Plaintiff vs Curtiss Aeroplane & Motor Company, Inc. Defendant, Equity No. 4608, File 301 - D.1 - C2, [1930]

Box 28, Folder 4  Handley-Page vs Curtiss-Wright, Patent Suit, German Patents, 3/19/12

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Box 28, Folder 6  Huntley-Page vs Curtiss-Wright, Patent Suit, Misc. Files, 9/21/20

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Box 29, Folder 3  Handley-Page vs Curtiss-Wright, Patent Suit, Prior Art Citations, Patents, 6/29/28

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| Box 30, Folder 2 | Handley-Page vs Curtiss-Wright, Patent Suit, Patents (German, French & U.S.), 4/9/30 |
| Box 30, Folder 3 | Handley-Page, Wind Tunnel Tests of the Leigh Slotted Wing, 10" x 50" Model, 9/3/30 |
| Box 30, Folder 4 | Curtiss-Wright Memo about Harper-Handley Page Patent Situation [blueprint drawings], 9/20/35 |
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| Box 30, Folder 6 | Handley-Page vs Curtiss-Wright, Patent Suit, Misc. Papers (Alfredo Leigh, Patents), 6/24/13 |
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| Box 32, Folder 3 | Pratt & Whitney No. 1,708,458 to Willgoos No., Infringement Case, Engines 1,704,815. Fish, Richardson & Neave (various patents), [1929-1930] |
| Box 32, Folder 4 | John MacDonald Nichols, Patent, Calendar Clock, Correspondence, 10/19/36 |
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Box 35, Folder 9  U.S. Patent Challenger vs Dalton, [1921]

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Box 36, Folder 2  U.S. Patent Office: Challenger vs Dalton, 2 Briefs on Behalf of Dalton Appellee, [1921]

Box 36, Folder 3  U.S. Patent Office: Entwisle, Donnelly & O'Mara vs McBride, Interference No. 50121, 1 Brief for McBride, [1919-1921]

Box 36, Folder 4  Glenn H. Curtiss, The Aerocar Corporation Correspondence, [1930-1931]

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List of Wright Aeronautical Corporation, Patents & Applications, Schedule "A", UNDATED

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Various Patents on Cameras & Related Equipment, [1885-1929]

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Information re: Shipment of First Engines with Patent Plates [Various Engines & Manufacturers], [1925-1930]

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1.6: Aircraft Designations, 1920-1959

The material in this section includes technical drawings, manuals, correspondence and photos for Curtiss-Wright and also other aircraft manufacturers.

This section was arranged by aircraft designations. Box 55A was inserted because we located some miscellaneous records after the collection had been rehoused and the boxes labeled.

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AT-4 Curtiss Hawk, UNDATED

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Box 51, Folder 3  
AT-9 Data, [1944]

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AT-9 Photos, [1941-1942]
Box 51, Folder 5  AT-9 Curtiss, Stress Analysis Criteria for External Loads, Report No. 25-A3, 4/6/41

Box 51, Folder 6  AT-9A Army Model, Erection & Maintenance Instructions T.O. No. 01-25KB-2, 6/5/43

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Box 51, Folder 11  CA-1 Curtiss-Wright Amphibian, Handbook of Instructions, 9/3/35

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Box 51, Folder 13  Consolidated Vultee Aircraft Corporation, Return of Engineering Personnel, [1949]

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Box 52, Folder 4  CW-1, Curtiss-Wright Junior, Correspondence, [1942-1945]

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1.8: Keystone Aircraft Corporation, 1925-1939

The original Keystone Aircraft Corporation was founded in 1920, in Ogdensburg, New York, as Huff-Daland Airplanes Incorporated, with a contract for Army Training Planes. In the fall of 1925, Huff-Daland moved operations to a new plant in Bristol, Pennsylvania, in order to have larger facilities, a better labor market, and a more central location between Trenton and Philadelphia on the main line of the Pennsylvania Railroad. On March 8, 1927, the name of the Company was changed to Keystone Aircraft Corporation. Keystone supplied airplanes to the U.S. Government and civil operators in a number of countries. The name of Huff Daland was retained for company's cotton dusting subsidiary, which was created in 1921 in Monroe, Louisiana, and then liquidated in 1928. In October 1928, Keystone announced its purchase of Loening Aeronautical Engineering Corporation of New York and production of Loening aircraft moved to the Bristol plant. Secondary sources indicate that Keystone was acquired by Wright Aeronautical Corporation in 1928 but no report of this occurs in Keystone's Annual Report for the period ending December 31, 1928. It is known, however, that in 1929 Keystone became a manufacturing division of Curtiss-Wright following the merger that created this company. Due in part to the slump in the private aircraft market and a decrease in the government contracts for military aircraft, the Bristol plant closed in 1932 and the Keystone division of Curtiss-Wright ceased to exist.

The Keystone Aircraft Corporation subseries consists of approximately 0.4 cubic feet of photographic material relating to the Bristol plant and aircraft manufactured by Keystone and approximately 0.7 cubic feet of documentary material which includes company records, aircraft specifications, product information, reports, correspondence, and drawings.

This subseries has been divided into the following two sub-subseries:

I. Photographic sub-subseries

II. Documentary sub-subseries

Materials in both sub-subseries span the years 1927 to 1932.

Original order, when identified, has been maintained. The "Listing of Archival Materials" created during the 1969 appraisal commissioned by Curtiss-Wright Corporation prior to donating these records to the National Air and Space Museum Archives, was used in reconstructing a few missing file titles.

Most of the photographic files were originally filed behind dividers, which are indicated in the finding aid in bold capitalized headings. Prior to processing, many of these photographs were removed to be included on videodisc 7A, then housed within the National Air and Space Museum Videodisc Collection. The removal sheets left in the original folders did not itemize which photographs were removed or how many. Using notations made in the videodisc collection and Keystone’s own photograph identification numbers, as recorded on the original file folders and the photographs themselves, it was possible to find the location of most of the Keystone Aircraft Corporation photographs. With the exception of four folders, the videodisc locations for the Keystone photographs are included in the finding aid. The photographs remain in the National Air and Space Museum Videodisc Collection for ease of access.

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Videodisc #7A14350-14353

Box 66, Folder 15  STAINLESS STEEL EXHIBIT: Stainless Steel Test Beam Sections - Keystone Design for O2L airplanes, undated
Videodisc #7A14354-14355

Box 66, Folder 16  TRAVEL AIR MONO: XB-908 Mock-up (Side by Side Arrangement), undated
Videodisc #7A14485-14493

Box 70, Folder 1-6  Untitled, undated
According to a National Air and Space Museum Archive staff member these are photographic prints made by the Smithsonian Institution, Office of Imaging, Printing and Photographic Services from nitrate negatives. The nitrate negatives were destroyed.

1.8.2: Text, 1925-1939

Box 66, Folder 17  XB-1, Super Cyclops, Specification, 6/25/28
Box 66, Folder 18  XHB-1, Cyclops, Specification, 6/25/28
Box 66, Folder 19  C-2, Keystone - Loening Amphibian Air Yacht (old type), 1/27/30
Box 66, Folder 20  HD Model V, Characteristics & Weight Statements, 3/1/25
Box 66, Folder 21  HD-42, Detail Specifications, 3/14/27
Box 66, Folder 22  HD-47 Pathfinder Transport, Specifications, 2/15/27
Box 66, Folder 23  HD-55, Specifications, 1/24/27
Box 66, Folder 24  HD-56, Specifications, 1/24/27
Box 66, Folder 25  HD-61 Pelican, Converted for Photographic Service, Specifications, 2/28/27
Box 66, Folder 26  K-42/K-42A Pelican, Specifications, 6/25/28
Box 66, Folder 27  K-42A Pelican, Specifications, 6/26/28
Box 66, Folder 28  K-42N Pelican, Specifications, [c. 1928]
Box 66, Folder 29  K-47A Pathfinder Transport, Specifications, 6/25/28
Box 66, Folder 30  K-47C Pathfinder Transport, Modified for Sign Carrier, Specifications, 2/20/28
Box 66, Folder 31  K-47D Pathfinder Transport, Specifications, 9/14/28
Box 66, Folder 32  K-55 Pronto, Specifications, 6/25/28
Box 66, Folder 33  K-55B Pronto, Specifications, 9/27/29
Box 66, Folder 34  K-62, Drawing (for OVERSIZE - see Box 69), 5/15/27
Box 66, Folder 35  K-65 Apache Pursuit, Description & Characteristics, 6/10/27
Box 66, Folder 36  K-70 Puffer, Dusting Airplane, Specifications, 9/22/27
Box 66, Folder 37  K-73 Giant Monoplane Flying Boat, Specifications, 4/14/28
Box 66, Folder 38  K-74, Proposed Light High Speed Bombardment Plane, Drawings, [c. 1928]
Box 66, Folder 39  K-75, Proposed Light High Speed Bombardment Plane, Drawings, 5/7/28
Box 66, Folder 40  K-78 Patrician, Specifications, 2/20/29
Box 66, Folder 41  K-78A Patrician, Specifications, 8/22/28
Box 66, Folder 42  K-78B Patrician, Specifications, 8/27/28
Box 67, Folder 1  K-78C-2 Patrician, Specifications, 10/25/28
Box 67, Folder 2  K-78D Patrician, Specifications, 8/23/28
Box 67, Folder 3  K-79, Special World Cruiser for Confederation Regional Obrera Mexicana, Specifications, 8/23/28
Box 67, Folder 4  K-81 Giant Amphibian, Specifications, 1/8/29
Box 67, Folder 5  K-82 Naval Carrier Light Bomber, 2/14/29
Box 67, Folder 6  K-84 [contents of file missing], UNDATED
Box 67, Folder 7  K-85 Keystone-Loening Cabin Amphibian Air Yacht, Specifications, 3/18/30
Box 67, Folder 8  K-86 Keystone-Loening Military Amphibian, Specifications, 12/29/30
Box 67, Folder 9  XLB-3 Light Bombardment Airplane, Specifications, 9/27/29
Box 67, Folder 10  LB-5A Pirate, Specifications, 6/25/28
Box 67, Folder 11  LB-6 Panther, Specifications, 6/25/28
Box 67, Folder 12  LB-6&7 Light Bombardment Airplane, Specifications, 4/13/28
Box 67, Folder 13  XLB-8 Light Bomber Airplane, Specifications, 8/17/28
Box 67, Folder 14  PK-1 Patrol Bomber, M-253 Report, Detail Specifications SD-160, 1/15/30
Box 67, Folder 15  PK-1 Patrol Bomber, M-300 Report, Finish Specifications, 4/7/30
Box 67, Folder 16  XNK-1 Training Plane, Specifications, 6/25/28
Box 67, Folder 17  XO2L-2, Correspondence & Telegrams, Testing Aircraft, [c. 1932]
Box 68, Folder 1  XOK-1, Detail Specifications, 6/5/29
Box 68, Folder 2  XPK-1, Patrol - Bomber - Torpedo - Transport, Detail Specifications, 7/25/29
Box 68, Folder 3  SD-124-B [contents of file missing], UNDATED
Box 68, Folder 4  XO-31, U.S. Army Specification No. X-1663, 8/7/29
Box 69, Folder 1  K-62 Arabian Expedition Airplane, Blueprint Drawings [OVERSIZE], 4/15/27
Box 69, Folder 2  XO2L-1 & 2, Contract 15074, Navy Correspondence, Testing Aircraft, [c. 1932]
Box 69, Folder 3  Minutes of Meeting of Directors, 12/5/34
Box 69, Folder 4  Annual Report to Stockholders for 1928
Box 69, Folder 5  Dissolution & Final Distribution File, List to Stockholders, [1934-1939]
Box 69, Folder 6  Audit Working Papers, [1931-1932]

1.9: Oversize and fragile material, 1906-1968

The Curtiss-Wright Collection has three oversize scrapbooks which contain advertisements and newspaper articles. There is also one box of decals that are very fragile.

Box 71  Curtiss-Wright, Engine Decals, UNDATED
Box 72  Scrapbook: Newspaper Clippings Relating to Wright-Martin Corporation & Individual Members, "EXTREMELY FRAGILE", NOT AVAILABLE TO RESEARCHERS, [1918]
Box 73, Folder 1  Miscellaneous Articles from *Scientific American*, 1906-1907
Box 73, Folder 2  Miscellaneous Oversize Newsclippings, [1968]
Box 73, Folder 3  U.S. District Court, Eastern District of New York, Curtiss v. Janin, Photographs, UNDATED
Box 73, Folder 4  Scrapbook: Advertisements for Engineer Positions, [1950s]
Box 74  Scrapbook: Curtiss-Wright Corporation, Woodridge, New Jersey, Advertisements, [c.1956-1958]
Series 2: Technical Reports, 1916-1945

This series contains technical reports from three resources used by Curtiss-Wright in design and development of their aircraft. This material was generated by both Curtiss-Wright and the U.S. Military.

Box 177 holds oversize (legal-size) materials. There are separation sheets throughout boxes 75-221 when necessary to redirect the archivist to "Legal Size Box #1," otherwise labeled as Box 177.

2.1: Air Corps Materiel Division, Reports [ACMR], 1927-1945

The Air Corps Materiel Division, Reports [ACMR] were collected by the Curtiss-Wright's St. Louis and Buffalo technical reference libraries. They were originally generated by Wright Field, Dayton, Ohio. They consist of various tests performed on different Curtiss aircraft models, most of which were still in the experimental stage.

This subseries consists of paper documents and some photographs filed with the reports.

Arrangement is by the serial and/or report number and then arranged chronologically, e.g. ENG-M-57-525-109 - Engineering and EXP-M-51/P731-20 - Experimental.

Box 75, Folder 1  Collector Rings as a Prevention for Monoxide Cases in Airplane Cockpits, AD-51-52, 8/25/32
Box 75, Folder 2  Lab. Tests of Bendix Revised 27 Inch Cast Wheel & 11" x 1 1/2" Brake, AD-51-138, 5/10/33
Box 75, Folder 3  Effects of Sudden Pressure Release on Pressure Cabin Structure, AD-51-325, 8/21/36
Box 75, Folder 4  Bland Riveting Tools & Hollow Rivets, AD-51-440, 11/4/36
Box 75, Folder 5  Operations Test Unit Detachment, Pioneer Fuel Flowmeter, Memo Report No. 9, HQ, ATCFRD, 11/29/44
Box 75, Folder 6  Curtiss Y1A-8A, A-10-29, 2/7/33
Box 75, Folder 7  P-36A, Air Corps No. 38-2, A-19-865, 8/17/38
Box 75, Folder 8  CO Test of P-36A, A-19-910, 1/30/39
Box 75, Folder 9  Tests of Spot Welded Test Specimens Submitted by Curtiss Aeroplane & Motor Company, B36-277, 12/4/36
Box 75, Folder 10 Material Section Report on Sauzedde 28 x 4 Airplane Wheel, D52.56/56, 8/29/27
Box 75, Folder 11 Flight Tests on Curtiss XP-40Q-2, EDM, AAF No. 42-9987, ENG-47-1728-A, 5/5/44
Box 75, Folder 12 Test of Combinations of A-N & 811 Type Flared Tube Fittings on Tubing Assemblies for use with Low Pressure Oxygen Systems, ENG-49-660-M-2, 7/26/43
Box 75, Folder 13  Test of Combinations of A-N & 811 Type Flared Tube Fittings on Tubing Assemblies for use with Low Pressure Oxygen Systems, ENG-49-660-22-M-2, 7/22/43

Box 75, Folder 14  Mechanical Tests Conducted with Combination Anti-Seize & Sealing Compounds, ENG-49-660-22-V-2, 8/18/43

Box 75, Folder 15  Aircraft Oxygen System Data, ENG-49-660-22-Y-2, 9/27/43

Box 75, Folder 16  Mechanical Tests Conducted with Combination Anti-Seize & Sealing Compounds, ENG-49-660-22-V-2, 8/18/43

Box 75, Folder 17  Low Pressure Oxygen Hose Assembly, ENG-49-660-53-W, 9/14/44

Box 75, Folder 18  The Magnitude & Duration of Parachute Opening Shocks at Various Altitudes & Air Speeds, ENG-49-696-66, 7/8/44

Box 75, Folder 19  High Altitude Flight Testing of Flyers Personal Equipment in Specially Engineered B-17E, ENG-49-697-1H, 3/20/44

Box 75, Folder 20  Webbing Litter Support Installation for Production of C-46, ENG-49-697-2WW, 8/28/44

Box 75, Folder 21  Engineering Acceptance Inspection of XP-60C, ENG-50-1007, 2/18/44

Box 75, Folder 22  Safety Turnbuckles with Lockwire, ENG-M-51/AD844, 3/5/43

Box 75, Folder 23  N.A.C.A. Flush Rivets, ENG-51-AD849, 9/27/43

Box 75, Folder 24  Armor Plate Attachments & Supporting Structure in Aircraft, ENG-M-51/AD877, 1/1/43

Box 75, Folder 25  Ballistic Properties & Fire Hazard of Magnesium, ENG-51/AD877, 10/23/43

Box 75, Folder 26  Passive Defense Measures for Personnel & Vital Installations in Aircraft, ENG-51/AD877, 10/23/43

Box 75, Folder 27  Simmonds Corsey Push-Pull Controls, ENG-M-51/AD897, 3/19/43

Box 75, Folder 28  Tests of Harris-Seybold-Potter Stapled Joints Fabricated from Thin Aluminum Alloy Sheet, ENG-M-51/AD978, Add. 2, 6/19/43

Box 75, Folder 29  Tests of Harris-Seybold-Potter Stapled Joints Fabricated from Thin Aluminum Alloy Sheet, ENG-51/AD978, 6/19/43

Box 75, Folder 30  Huck Brazier Head Blind Rivets, ENG-51-AD988, 1/8/44

Box 75, Folder 31  Pressure Tests of Laminated Glass Lights, ENG-M-51/AD1006 (Add. 1), 1/27/43

Box 75, Folder 32  Spherical Bearing Rod Ends - Heim Company, ENG-M-51/AD1028 (Add. 8), 3/19/43
Box 75, Folder 33  Bearing Rod Ends - Kirsch Company, ENG-M-51/AD1028 (Add. 9), 4/22/43
Box 75, Folder 34  Push Rods - Ronan & Kunzl, ENG-M-51/AD1028 (Add. 14), 7/30/43
Box 75, Folder 35  Test of Combinations of A-N & 811 Type Hydraulic Fittings with Modified AN819 Steel Sleeve Couplings, ENG-M-51/AD1058, 3/5/43
Box 75, Folder 36  Test of Combinations of A-N & 811 Type Hydraulic Fittings with Modified AN819 Steel Sleeve Couplings, ENG-M-51/AD1058 (Add. 6), 3/6/43
Box 75, Folder 37  Changes in AN & AAF 811 Type Hydraulic Tube Fittings, Sleeves & Nuts, ENG-M-51/AD1058 (Add. 7), 3/20/43
Box 75, Folder 38  Low Temperature Test of AN Hydraulic Fittings Fabricated from S.A.E. 1137 & S.A.E. 1118 Steel, ENG-51-AD1058 (Add. 11), 11/1/43
Box 75, Folder 39  Installation & Flight Test of Reversible-Pitch Propeller as an Airbrake on P-43A, ENG-51-AER209, 11/11/43
Box 75, Folder 40  Static Test of C-46A Engine Mount, ENG-51-C322-29, 9/51/44
Box 75, Folder 41  Use of Swaged Terminals Specification AN-T-2, ENG-M-51/C359-4, 1/13/43
Box 75, Folder 42  Curtiss-Wright C-76, Pre-Flight Vibration Tests of Power Plant Mounting System, ENG-M-51/C359-9, 3/15/43
Box 75, Folder 43  Static Tests of Curtiss-Wright C-76 Engine Mount, Nacelle & Supporting Structure, ENG-51/C359-10, 6/11/43
Box 75, Folder 44  Static Test of Curtiss-Wright Fuselage, ENG-51/C359-10, 7/8/43
Box 75, Folder 45  Static Tests of Curtiss-Wright No. 7, C-46 Horizontal Stabilizer, ENG-51-C359-10, 7/17/43
Box 75, Folder 46  Static Tests of Curtiss-Wright C-46, Wing Trailing Edge Surfaces, ENG-51-C359-10, 7/17/43
Box 76, Folder 1  Static Tests of Curtiss-Wright C-76, Horizontal Tail Surfaces, ENG-51-C359-10, 7/17/43
Box 76, Folder 2  Static Test of Revised Aft Fuselage Section & Vertical Fin, Curtiss C-76, ENG-51-C359-10, 7/19/43
Box 76, Folder 3  Static Tests of Curtiss-Wright C-76 Wings, ENG-51-C359-10, 7/24/43
Box 76, Folder 4  Static Tests of Curtiss-Wright C-76, Alighting Gear, ENG-51-C359-10, 7/28/43
Box 76, Folder 5  Static Tests of Curtiss-Wright C-76, Cargo Floor, Tie Downs & Rings, ENG-51-C359-10, 7/28/43
Box 76, Folder 6  Dynamic Tests of Curtiss-Wright C-76, Alighting Gear & Fuselage, ENG-51-C359-10, 7/31/43
Box 76, Folder 7  Vibration Survey & Flutter Analysis of Curtiss C-76, ENG-51-C359-11, 4/8/43
Box 76, Folder 8  Curtiss-Wright XP-71 Flutter Model Specification, ENG-M-51/P794-10, 3/8/43
Box 76, Folder 9  Curtiss-Wright XP-71 Wing Flutter Model Tests, ENG-M-51/P794-10, 4/9/43
Box 76, Folder 10 XP-55 Flutter Model Investigation, ENG-M-51/P811-5 (Add. 1), 1/26/43
Box 76, Folder 11 Elevator Tab Hinge Moment Curtiss XP-55 Airplane, ENG-51-P811-15 (Add. 42), 4/29/44
Box 76, Folder 12 Ground Vibration Tests of Power Plant Mounting System for XP-55 Airplane, ENG-51-P811-31, 7/22/43
Box 76, Folder 13 Vibration & Stiffness Tests of XP-55 Airplane Aileron Cables, ENG-51-P811-37 (Add. 2), 4/21/44
Box 76, Folder 14 Flutter Inspection on XP-55 Airplane, ENG-51-P811-42, 11/30/43
Box 76, Folder 15 Vibration Test Results of XP-55 Airplane Wing & Elevator, ENG-51-P811-42 (Add. 1), 12/8/43
Box 76, Folder 16 Reported Actual Weight & Balance of Curtiss P-47G, ENG-M-51/P815-9, 3/22/43
Box 76, Folder 17 Reported Actual Weight & Balance of Curtiss P-47G-1-CU, ENG-51/P815-9, 5/1/43
Box 76, Folder 18 Ground Vibration Tests of Power Plant Mounting System of Curtiss XP-40Q, ENG-51/P816-13, 5/29/43
Box 76, Folder 19 Flutter Survey & Analysis of the Curtiss-Wright XP-60C Airplane, ENG-51/P824-11, 6/28/43
Box 76, Folder 20 CR-39 Plastic Materials, ENG-M-51/STR210 (Add. 39), 1/4/43
Box 76, Folder 21 Static Tests of the Curtiss AT-9 Spotwelded, Left Wing Panel, ENG-M-51/STR213, Add. 3, 12/21/42
Box 76, Folder 22 Inspection of Riveted Magnesium Alloy Wing Panels for BC-1 Airplane, ENG-M-51/STR214, Add. 6, 7/5/43
Box 76, Folder 23 Riveted Magnesium Alloy Wing Panels for BC-1 Airplanes, ENG-M-51/STR214 (Add. 17), 8/18/43
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Box 76, Folder 26 Landing Tests of B-17E Equipped with Reversible Pitch Propellers, ENG-51/580-2, 6/18/43

Box 76, Folder 27 Landing Tests of B-26 Equipped with Reversible Pitch Propellers, ENG-51/580-3, 9/3/43

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Box 76, Folder 29 Curtiss A-25A Ground Vibration Tests of Power Plant Mounting System, ENG-M-51/4272-5-6, 3/23/43

Box 76, Folder 30 Flutter Analysis of Curtiss-Wright A-25A, ENG-M-51/4272-5-7, 3/27/43

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Box 76, Folder 35 Landing Gear Axile Static Tests of Curtiss P-40N, ENG-51/4302-10-16, 9/13/43

Box 76, Folder 36 Gunfire Tests on Hydraulic Equipment with Caliber .50 M-1 Incendiary Ammunition, ENG-M-51/4529-1, 1/30/43

Box 76, Folder 37 Bearing Movements in Control Systems of Airplanes, ENG-51/4535-2, 8/28/43

Box 76, Folder 38 MR-I Plastic Materials, ENG-51/4536-1-16, 5/1/43

Box 76, Folder 39 Approximate Computation of Aileron Effectiveness Including the Effects of Wing Twist, ENG-51/4595-1-5, 6/23/44

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Box 76, Folder 47  Simmonds Aerocessories, Inc., "Quantity Measuring Type" Hydraulic Fuse, ENG-51-45219-1, 6/10/44
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Box 76, Folder 50  Cowling Fasteners - Aircraft Fastener Corporation, ENG-51-45320-1-7, 11/30/43
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Box 77, Folder 1  Installation of G.E. TG-100 Powerplants in the C-46 Airplane, ENG-51-4166-1-1, 5/12/44
Box 77, Folder 2  Seat, Pilot's Adjustable Non-Metallic, ENG-51/4302-11-5 [only page 2], 5/11/43
Box 77, Folder 3  General Assembly Drawing, P-60, ENG-51/4302-11-6, 5/20/43
Box 77, Folder 4  Wing Erection Drawing, P-60A, ENG-51/4302-11-7, 5/21/43
Box 77, Folder 5  Installation Drawing of Main & Tail Gear for P-60, ENG-51/4302-11-8, 5/20/43
Box 77, Folder 6  Effects of Wing Dive-Recovery Flaps, ENG-51-4303-14-1, 7/18/44
Box 77, Folder 7  Cold Weather Tests, Final Report on Hydraulic Systems, Shocks Absorber Struts, Breaks & Shimmy Dampers, ENG-M-51/4464-1-3, 3/18/43
Box 77, Folder 8  Proposed Changes in AAF Spec. No. C-1803-A (11/15/38), ENG-51/4515-1, 4/21/43
Box 77, Folder 9  Proposed Changes in AAF Spec. No. C-1803-A (11/15/38), ENG-51/4515-1, (Add. 9), 5/29/43
Box 77, Folder 11  Effect of Wing Downwash in Calculating Gust Loads on Horizontal Tails, ENG-51/4515-1 (Add. 11), 6/8/43
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Box 77, Folder 13  Proposed Changes in AAF Spec. No. C-1803-A (11/15/38), ENG-51-4515-1 (Add. 14), 8/30/43
Box 77, Folder 14  Airplane Demonstration Dive Tests, ENG-51-4515-1 (Add. 16), 5/19/44
Box 77, Folder 15  Ditching Requirements, ENG-51-4515-1 (Add. 17), 5/13/44
Box 77, Folder 16  Report on the Investigation of Blast Pressure, ENG-51/4516-2, 4/30/43
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Box 77, Folder 18  Kaynar "Click" Nut Retainers, ENG-51-4533-2-20, 9/28/43
Box 77, Folder 19  Materials for Soundproofing Airplanes, ENG-51/4551-2-1, 4/26/43
Box 77, Folder 20  The Properties of Fiberglass "AA" Fiber Sound Insulating Material, ENG-51/4551-2-2, 7/3/43
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Box 77, Folder 22  Effect of Compressibility on Drag & Terminal Velocity, ENG-51-4589-5, 9/29/43
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Box 77, Folder 24  Summary of Recent Data Concerning Dynamic Loads, Particularly in Airplane Landings, ENG-51-4595-1-6, 7/11/44
Box 77, Folder 25  Aluminum Alloy Hat Sections from C-46 Wing, ENG-51-41624-2, 9/17/43
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Box 77, Folder 32  Huck Skirted Rivet, ENG-51-45328-3-4, 8/2/44
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Box 77, Folder 34  Curtiss Turret Norge Design Sight & Fire Interrupter, Inspection at Borg-Warner Corporation, ENG-53-427-116, 9/11/43

Box 77, Folder 35  Fire Control Equipment Policy Conference on XP-71 & Other Airplanes Provided with Similar Forward Firing Armament Installation, ENG-53-432-4, 8/5/43

Box 77, Folder 36  Results of Low Temperature Tests on Gun Laboratory, ENG-53-553-367, 7/28/43

Box 77, Folder 37  Installation Data on 37MM Aircraft Automatic Gun, Type M9, ENG-53-553-355, 3/31/43

Box 77, Folder 38  Inspection of Mock-Up of Fire Control Equipment Installation, XP-71, ENG-53-554-242, 8/29/43

Box 77, Folder 39  Conference at Radiation Lab., M.I.T., ENG-53-554-260, 9/11/43

Box 77, Folder 40  Report on Conference on Bullet Resistant Glass Used as a Gun Sight Reflector Glass Held at the Libby-Owens-Ford Glass Company, ENG-53-554-312, 2/21/44

Box 77, Folder 41  Gun Camera Requirements for Installation in all Fighter Aircraft, ENG-53-555-626, 8/4/44

Box 77, Folder 42  Manifold Pressure & Fuel Pressure Vent Lines, ENG-53-655-591A, 2/24/43

Box 77, Folder 43  Blast Tube P-40 Series, U-ENG-53-553-439, 5/26/43

Box 77, Folder 44  Cabin Heating of C-46, ENG-54-416-135Y, 12/10/43

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Models covered: XP-934 (L-22-1).

Models covered: XSBC-1 (L-21-4) (Formerly XF12C-1).

Box 92, Folder 20 Report No. 4936, File No. 2.3643. "Measurement of Torsional Rigidity for XP-934 Type Rear Test Beam" submitted by the Structures Dept., 8/22/1932
Models covered: XP-934 (L-22-1).

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Models covered: F11C-3 Navy 'Hawk' Carrier Fighter.


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Report No. 5185, File No. 5.0177. "Wind Tunnel Tests & Performance Estimate. R-1820 F-3 Motor, 665 H.P. @ 1950 R.P.M. @ 8000 Ft." submitted by the Aerodynamics Dept., 5/19/1933
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Box 120, Folder 26  Report No. 6268, File No. none. "Wing Rib Static Tests (SS-7)" submitted by the Structures Dept., 3/2/1937


Models covered: Design 75.

Box 120, Folder 30  Report No. 6274, File No. none. "Vibration Test of Spot Welded Chrome Molybdenum 50 Cal. Ammunition Box, Dwg. #182413" submitted by the Materials Dept., 7/3/1936


Box 121, Folder 1  Report No. 6276, File No. none. "Reserve Tank Support. Installation Instructions" submitted by the Engineering Dept., 7/9/1936
Models covered: SOC-1.

Box 121, Folder 2  Report No. 6278, File No. none. "Engine Mount Analysis (Vibration Isolating Type)" submitted by the Structures Dept., 7/1/1936
Models covered: BF2C-1.

Box 121, Folder 3  Report No. 6279, File No. none. "with Wright SR-1820-F56 Cyclone Engine. Actual Weight & Balance" submitted by the Weight Dept., 7/16/1936
Models covered: Argentine 'Hawk' Type IV.


Box 121, Folder 5
Models covered: Argentine 'Hawk' Type IV Demonstrator.

Box 121, Folder 6
Models covered: SOC-1.

Box 121, Folder 7
Models covered: Shanghai 'Hawk' Type III.

Box 121, Folder 8
Models covered: Shanghai 'Hawk' Type III.

Box 121, Folder 9
Models covered: SOC-1.

Box 121, Folder 10
Models covered: China 'Shrike' Design 60-A.

Box 121, Folder 11
Models covered: China 'Shrike' Design 60-A.

Box 121, Folder 12
Models covered: Hawk III.

Box 121, Folder 13
Models covered: Design 75B Modified.

Box 121, Folder 14
Models covered: China Hawk Type III.

Box 121, Folder 15
Models covered: Y1P-36.

Box 121, Folder 16
Report No. 6294, File No. none. "Fuselage Analysis" submitted by the Structures Dept., 11/16/1936
Models covered: Y1P-36.

Box 121, Folder 17
Report No. 6295, File No. none. "Landing Gear Analysis" submitted by the Structures Dept., 11/16/1936
Models covered: Y1P-36.

Box 121, Folder 18  Report No. 6296, File No. none. "Tail Surface Analysis" submitted by the Structures Dept., 12/9/1936
Models covered: Y1P-36.

Models covered: Y1P-36.

Models covered: Y1P-36.

Box 121, Folder 21  Report No. 6299, File No. none. "Engine Mount Analysis" submitted by the Structures Dept., 11/2/1936
Models covered: Y1P-36.

Models covered: Y1P-36.

Box 121, Folder 23  Report No. 6301, File No. none. "Fittings - Analysis & Index" submitted by the Structures Dept., 12/22/1936
Models covered: Y1P-36.

Box 121, Folder 24  Report No. 6302, File No. none. "Control System Analysis" submitted by the Structures Dept., 12/16/1936


Models covered: China Shrike Design 60A.

Models covered: Y1P-36.

Models covered: Hawk Type IV.

Models covered: Argentine Hawk Type III.


Models covered: SOC-1.

Models covered: Y1P-36.

Models covered: XABC-3.


Box 122, Folder 2  Report No. 6315, File No. none. "Fuselage Analysis" submitted by the Structures Dept., 9/17/1936

Box 122, Folder 3  Report No. 6316, File No. none. "Landing Gear Analysis" submitted by the Structures Dept., 1/14/1937

Box 122, Folder 4  Report No. 6317, File No. none. "Tail Wheel Analysis" submitted by the Structures Dept., 1/7/1937

Box 122, Folder 5  Report No. 6318, File No. none. "Tail Surface Analysis" submitted by the Structures Dept., 2/24/1937


Box 122, Folder 7  Report No. 6320, File No. none. "Flap Analysis" submitted by the Structures Dept., 12/21/1936


Box 122, Folder 9

Box 122, Folder 10

Box 122, Folder 11
Report No. 6324, File No. none. "Nacelle Analysis" submitted by the Structures Dept., 9/16/1936

Box 122, Folder 12

Box 122, Folder 13

Box 122, Folder 14
Models covered: Y1P-36.

Box 122, Folder 15
Models covered: SOC-1.

Box 122, Folder 16
Models covered: SOC-1.

Box 122, Folder 17

Box 122, Folder 18
Models covered: SOC-1 9972.

Box 122, Folder 19
Models covered: SOC-1.

Box 122, Folder 20
Models covered: SOC-1.

Box 122, Folder 21
Models covered: SOC-1.
Box 122, Folder 22  Report No. 6337, File No. none. "Mean Aerodynamic Chord" submitted by the Structures Dept., 10/7/1936
Models covered: Class VOS Airplane.

Models covered: Class VOS Airplane.

Models covered: VOS Proposal 'A'.

Models covered: VOS Proposal 'B'.

Models covered: VOS Proposal 'C'.

Models covered: SOC-1 #1.

Box 122, Folder 28  Report No. 6343, File No. none. "70 Controllable Pitch Propeller Hubs, 55012 & Controls" submitted by the Service Dept., 10/12/1936


Box 122, Folder 30  Report No. 6347, File No. none. "Tramming of Wings" submitted by the Engineering Dept., 10/21/1936
Models covered: SOC-1.

Models covered: SOC-1.

Models covered: SOC-1 #5.

Models covered: BF2C-1.

Models covered: Hawk III (Siam).

Models covered: SOC-1.

Box 122, Folder 36  Report No. 6353, File No. none. "Actual Weight & Balance" submitted by the Weight Dept., 10/30/1936
Models covered: SOC-1 #10.

Box 122, Folder 37  Report No. 6354, File No. none. "Resume of Crash Investigation " submitted by the Structures Dept., 11/2/1936
Models covered: BF2C-1.

Models covered: D-75B.

Box 122, Folder 39  Report No. 6356, File No. none. "Marking Elevator Tab Control Neutral Position" submitted by the Engineering Dept., 11/16/1936

Models covered: SOC-1.

Models covered: Y1P-36.

Box 122, Folder 42  Report No. 6359, File No. none. "Change in Designation from SOC-1 to SOC-2" submitted by the Engineering Dept., 11/18/1936

Box 122, Folder 43  Report No. 6360, File No. none. "Comparison of Hinge Moments" submitted by the Aerodynamics Dept., 10/15/1936
Models covered: XA-14 Ailerons & Y1A-18 Ailerons.

Box 123, Folder 1  Report No. 6361, File No. none. "Instructions on Use & Maintenance" submitted by the Engineering Dept., 12/1/1936

Models covered: Six Tapered Airfoils.

Models covered: China Shrike.

Models covered: Type III Hawk.

Box 123, Folder 5
Report No. 6366, File No. none. "Tests on Skin Stiffener Combinations (Channels, Bulbs & Zees)" submitted by the Structures Dept., 11/10/1936
Models covered: Y1P-36.

Box 123, Folder 6

Box 123, Folder 7

Box 123, Folder 8

Box 123, Folder 9

Box 123, Folder 10

Box 123, Folder 11
Models covered: 3 Tapered Wings.

Box 123, Folder 12
Models covered: P-235 Wind Tunnel Model.

Box 123, Folder 13
Models covered: Hawk - 75H.

Box 123, Folder 14
Report No. 6377, File No. none. "Main Float Bracing Analysis" submitted by the Structures Dept., 1/12/1937
Models covered: XSO2C-1.

Box 123, Folder 15
Models covered: XSO2C-1.

Box 123, Folder 16

Box 123, Folder 17
Models covered: Curtiss Seagull.

Models covered: Hawk 75.

Box 123, Folder 19  Report No. 6382, File No. none. "Actual Weight & Balance" submitted by the Weight Dept., 1/22/1937
Models covered: SOC-2 #20.

Models covered: XS02C-1.

Models covered: XSB-3.


Box 123, Folder 23  Report No. 6386, File No. none. "Wing Cellule Investigation" submitted by the Structures Dept., 2/15/1937


Box 123, Folder 27  Report No. 6390, File No. none. "15 Hour Vibration Test of Main Fuel Tank" submitted by the Materials Dept., 1/28/1937


Box 123, Folder 31  

Box 123, Folder 32  

Box 123, Folder 33  
Models covered: XS02C-1.

Box 123, Folder 34  

Box 123, Folder 35  
Report No. 6399, File No. none. "15 Hour Vibration Test of Oil Tank" submitted by the Materials Dept., 2/19/1937  

Box 123, Folder 36  

Box 124, Folder 1  
Models covered: Y1P-36.

Box 124, Folder 2  
Report No. 6451, File No. none. "Static Test of Main Float Specimen" submitted by the Structures Dept., 2/22/1937  
Models covered: XS02C-1.

Box 124, Folder 3  
Models covered: Y1P-36.

Box 124, Folder 4  
Models covered: Y1P-36.

Box 124, Folder 5  

Box 124, Folder 6  
Models covered: Design 75-S.

Models covered: Design 75-S.

Models covered: Design 75-Q.

Models covered: Design 75-Q.


Box 124, Folder 13 Report No. 6462, File No. none. "Landing Gear Analysis" submitted by the Structures Dept., 3/12/1937

Box 124, Folder 14 Report No. 6463, File No. none. "Fitting Analysis & Index" submitted by the Structures Dept., 3/15/1937


Models covered: 75-S.

Models covered: 75-L.

Models covered: 75-L.
Models covered: 75-M.

Models covered: 75-M.

Models covered: 75-N.

Models covered: 75-N.

Models covered: 75-O.

Models covered: 75-O.

Models covered: 75-P.

Models covered: 75-P.

Models covered: 75-R.

Models covered: 75-R.

Models covered: 75-I.

Models covered: 75-I.

Models covered: 75-L.


Models covered: Design 75-M.

Models covered: Design 75-N.

Models covered: Design 75-O.

Models covered: Design 75-P.

Models covered: Design 75-Q.

Models covered: Design 75-R.

Models covered: Design 75-I.

Models covered: Design 75-S.

Models covered: Design 75-T.

Models covered: Design 75-U.

Models covered: Design 75-L, M, N, O & U.

Models covered: Design 75-P.

Models covered: Design 75-Q.
   Models covered: Design 75-R.

   Models covered: Design 75-I & V.

   Models covered: Design 75-S & T.

   Models covered: Design 75-R.

   Models covered: Design 75-T.

   Models covered: Design 75-T.

   Models covered: Design 75-U.

   Models covered: Design 75-U.

   Models covered: Design 75-U.

   Models covered: Design 75-U.

   Models covered: Design 75-U.

   Models covered: Design 75 Type.

   Models covered: Design 75-S.
Box 125, Folder 27  
Models covered: Design 75-T.

Box 125, Folder 28  
Models covered: Design 75-U.

Box 125, Folder 29  
Models covered: Design 75-V.

Box 125, Folder 30  
Models covered: Design 75-V.

Box 125, Folder 31  
Models covered: Design 75.

Box 125, Folder 32  
Models covered: Design 75-P.

Box 125, Folder 33  
Models covered: Design 75-U.

Box 125, Folder 34  
Models covered: Oerlikon Type FF Gun.

Box 125, Folder 35  
Models covered: SOC-2 #40.

Box 125, Folder 36  
Models covered: Design 75.

Box 125, Folder 37  
Models covered: Design 75.

Box 125, Folder 38  
Models covered: Y1P-36.

Box 125, Folder 39  
Report No. 6532, File No. none. "Wing Static Test" submitted by the Structures Dept., 4/2/1937  
Models covered: Y1P-36.
Box 125, Folder 40  Report No. 6532-A, File No. none. "Wing Static Test" submitted by the Structures Dept., 4/2/1937
Models covered: Hawk 75-O.

Models covered: Y1P-36 #3.

Box 125, Folder 42  Report No. 6534, File No. none. "Various Madsen Gun Installation" submitted by the Engineering Dept., 4/14/1937
Models covered: Hawk 75.

Models covered: XSO2C-1.

Box 126, Folder 1  Report No. 6536, File No. none. "Wing Analysis & Investigation" submitted by the Structures Dept., 1/18/1937
Models covered: XSO2C-1.

Box 126, Folder 2  Report No. 6537, File No. none. "Flap Analysis (Lower Wing)" submitted by the Structures Dept., 1/11/1937
Models covered: XSO2C-1.

Box 126, Folder 3  Report No. 6538, File No. none. "Fuselage Analysis" submitted by the Structures Dept., 1/25/1937
Models covered: XSO2C-1.

Box 126, Folder 4  Report No. 6539, File No. none. "Unsymmetrical Flight" submitted by the Structures Dept., 2/1/1937
Models covered: XSO2C-1.


Box 126, Folder 8  Report No. 6543, File No. none. "Fitting Analysis. Fuselage Joint - Station 207" submitted by the Structures Dept., 5/7/1937

Box 126, Folder 9  Report No. 6544, File No. none. "Test. Lower Longeron Fitting - Station 207" submitted by the Structures Dept., 5/10/1937
Box 126, Folder 10  Report No. 6545, File No. none. "Test of Match Angle (Lower Nose Box Skin)" submitted by the Structures Dept., 5/10/1937  

Models covered: Design 75-H #1.

Box 126, Folder 12  Report No. 6547, File No. none. "Static Test of Main Float Bottom" submitted by the Structures Dept., 4/20/1937  
Models covered: XS02C-1.

Box 126, Folder 13  Report No. 6548, File No. none. "15 Hour Vibration Test of Oil Tank" submitted by the Materials Dept., 4/22/1937  


Box 126, Folder 17  Report No. 6552, File No. none. "Gun Mount Analysis" submitted by the Structures Dept., 6/21/1937  


Box 126, Folder 22  Report No. 6557, File No. none. "Anticipated High Speed" submitted by the Aerodynamics Dept., 5/12/1937  
Box 126, Folder 23
Models covered: 75H #2.

Box 126, Folder 24

Box 126, Folder 25
Report No. 6560, File No. none. "Wind Tunnel Investigation Drag" submitted by the Aerodynamics Dept., 5/14/1937
Models covered: 75-B & Y1P-36.

Box 126, Folder 26
Report No. 6561, File No. none. "Tail Wheel Dynamic Test" submitted by the Structures Dept., 5/19/1937

Box 126, Folder 27

Box 126, Folder 28

Box 126, Folder 29

Box 126, Folder 30

Box 126, Folder 31

Box 126, Folder 32

Box 126, Folder 33
Models covered: Class VF Airplane.

Box 126, Folder 34
Models covered: VF Design.

Box 126, Folder 35
with Turbo-Superchargers. Preliminary Weight & Balance Estimate" submitted by the Weight Dept., 5/27/1937

Box 126, Folder 36

Box 126, Folder 37

Box 126, Folder 38
Models covered: Design 80.

Box 126, Folder 39
Models covered: Design 80-A.

Box 126, Folder 40
Models covered: Design 80.

Box 126, Folder 41
Models covered: Design 80A.

Box 126, Folder 42
Models covered: Design 80A.

Box 126, Folder 43
Models covered: Design 80.

Box 126, Folder 44
Models covered: P-235.

Box 127, Folder 1
Models covered: VF Design.

Box 127, Folder 2
Models covered: Design 80.
Box 127, Folder 3
Models covered: Design 80A.

Box 127, Folder 4
Models covered: Design 80.

Box 127, Folder 5
Models covered: Design 80A.

Box 127, Folder 6
Models covered: Design 80 & 80A.

Box 127, Folder 7

Box 127, Folder 8

Box 127, Folder 9

Box 127, Folder 10

Box 127, Folder 11

Box 127, Folder 12
Report No. 6592, File No. none. "Flotation Gear Test" submitted by the Engineering Dept., 6/10/1937

Box 127, Folder 13

Box 127, Folder 14

Box 127, Folder 15


Box 127, Folder 18  Report No. 6598, File No. none. "Aileron Static Test" submitted by the Structures Dept., 6/14/1937

Box 127, Folder 19  Report No. 6599, File No. none. "Tail Surfaces - Static Test" submitted by the Structures Dept., 6/14/1937

Box 127, Folder 20  Report No. 6650, File No. none. "Allowable Stresses in Monocoque" submitted by the Structures Dept., 6/14/1937

Box 127, Folder 21  Report No. 6651, File No. none. "Beam Test Specimens (SS-10 A)" submitted by the Structures Dept., 6/14/1937


Models covered: Y1A-18 #1.

Models covered: Y1A-18 #1.

Models covered: SOC-3.

Models covered: SOC-3.


Models covered: Hawk III.

Models covered: Design 76B. Curtiss-Wright models covered: Y1A-18 Modified.

Models covered: Design 76B. Curtiss-Wright models covered: Y1A-18 Modified.

Models covered: Design 76B.

Models covered: SBC-3 No. 5.

Models covered: Design 76C. Curtiss-Wright models covered: Y1A-18 Modified.


Models covered: VSO Biplane.

Models covered: VSO Biplane.

Box 128, Folder 2  Report No. 6681, File No. none. "Determination of the Mean Chord & Aerodynamic Centroids (Monoplane)" submitted by the Structures Dept., 8/5/1937
Models covered: VSO Proposals A & B.

Box 128, Folder 3  Report No. 6682, File No. none. "Determination of the Mean Aerodynamic Chord (Ranger-Biplane)" submitted by the Structures Dept., 8/5/1937
Models covered: VSO Proposal C.

Models covered: VSO Proposal D.

Models covered: P-36A.

Box 128, Folder 6
Report No. 6685, File No. none. "Wing Analysis" submitted by the Structures Dept., 11/1/1937
Models covered: P-36A.

Box 128, Folder 7
Models covered: P-36A.

Box 128, Folder 8
Models covered: P-36A.

Box 128, Folder 9
Models covered: P-36A & XP-40 & 75-R.

Box 128, Folder 10
Models covered: P-36A.

Box 128, Folder 11
Models covered: P-36A.

Box 128, Folder 12
Models covered: P-36A & XP-40 & 75-R.

Box 128, Folder 13

Box 128, Folder 14
Models covered: P-36A.

Box 128, Folder 15
Models covered: P-36A.

Box 128, Folder 16
Models covered: P-36A.

Box 128, Folder 17
Models covered: P-36A.

Box 128, Folder 18


Models covered: SBC-3 No. 10.

Box 128, Folder 22  Report No. 6700, File No. none. "Wind Tunnel Experimentation on Tail Buffeting" submitted by the Aerodynamics Dept., 8/24/1937

Models covered: VSO Design.

Models covered: VSO Design.

Models covered: VSO Design.

Models covered: VSO Design.


Box 129, Folder 7  Report No. 6707, File No. none. "Wind Tunnel Characteristics of 1/16 Scale Model" submitted by the Aerodynamics Dept., 10/12/1937
Models covered: P-235.
Models covered: P-235.

Models covered: Hawk 75.

Models covered: SBC-3 No. 20.

Models covered: P-36A.


Models covered: 23018 Airfoil with Curtiss-Wright Flap.

Models covered: P-36A.


Models covered: Y1P-36.

Box 129, Folder 17  Report No. 6717, File No. none. "Static Test of Oleo Strut Connection to Fuselage" submitted by the Structures Dept., 10/6/1937

Box 129, Folder 18  Report No. 6718, File No. none. "Blister Application" submitted by the Aerodynamics Dept., 10/7/1937

Models covered: Molded Rubber Hydraulic Packings.

Models covered: China Hawk 75.

Models covered: Y1A-18 #10.

Models covered: SBC-3 No. 40.


Box 129, Folder 26  Report No. 6727, File No. none. "Notes on Fabrication. September, 1937" submitted by the Sales Dept., UNDATED
Models covered: Curtiss Hawk III Airplanes, China.

Models covered: P-36A.

Models covered: P-36A.

Models covered: P-36A.


Models covered: VPB.


Models covered: SBC-3 No. 60.


Models covered: Hawk 75.


Models covered: Design 76B. Curtiss-Wright models covered: Y1A-18 Modified.


Box 130, Folder 4  Report No. 6744, File No. none. "Landing Gear Analysis (Fixed Type)" submitted by the Structures Dept., 1/25/1938
Models covered: Hawk 75-M.

Models covered: Design 76-D.

Models covered: Hawk 75-A.

Models covered: Hawk 75-O & 75-M.

Models covered: Hawk 75-O, 75-O-1 & 75-M.

Box 130, Folder 9  Report No. 6773, File No. none. "General Specifications" submitted by the Sales Dept., 12/2/1937
Models covered: Helldiver 77.


Box 130, Folder 11  Report No. 6775, File No. none. "Test of Flap Piston Bearing (AN 200 KS-5)" submitted by the Structures Dept., 12/7/1937
Models covered: Hawk 75-O & 75-O-1.

Models covered: SBC-3 No. 83.

Models covered: SOC-3 No. 1.

Models covered: Curtiss Model C-4315-D Propeller.

Models covered: P-36A.

Box 130, Folder 16  Report No. 6780, File No. none. "Test of Strut End" submitted by the Structures Dept., 12/15/1937
Models covered: SOC-3.

Models covered: SOC-3 #5.


Models covered: Float Production Record.


Models covered: SOC-3.

Box 130, Folder 22  Report No. 6796, File No. none. "General Equations for the Stress Analysis of Rings" submitted by the Structures Dept., 10/10/1939

Box 130, Folder 23  Report No. 6807, File No. none. "pages 63 to 71", UNDATED
Models covered: Curtiss Drawings (foldouts).


Box 130, Folder 26  Report No. 6840, File No. none. "Static Test of Fuselage Fitting at Right Front Cabane Strut" submitted by the Structures Dept., 1/26/1938
Models covered: SOC-4 (Coast Guard).

Box 130, Folder 27  Report No. 6841, File No. none. "Characteristics of 12' x 72' NACA 23018 & 23009 Airfoils with Flaps & Handley-Page Slots including Loads on the Auxiliary" submitted by the Aerodynamics Dept., 1/30/1938


Box 130, Folder 29  Report No. 6843, File No. none. "Landing Gear - Dynamic Test" submitted by the Structures Dept., 1/31/1938

Models covered: Y1P-36.

Box 130, Folder 31  Report No. 6845, File No. none. "Summary of Navy Strength Specifications (Restricted)" submitted by the Structures Dept., 9/30/1937

Models covered: Krell Gages.


Box 130, Folder 35  Report No. 6850, File No. none. "Stress Analysis Criteria & Index" submitted by the Structures Dept., 8/1/1938

Box 130, Folder 36  Report No. 6851, File No. none. "Wing Section Properties & Allowable Stresses" submitted by the Structures Dept., 3/14/1938
   Models covered: YP-37, XP-40 & 75R.

   Models covered: YP-37, XP-40 & 75R.


   Models covered: Appendix 'B'. Curtiss-Wright models covered: 75-R.


Box 131, Folder 1  Report No. 6854, File No. none. "Fuselage Analysis" submitted by the Structures Dept., 8/1/1938


Box 131, Folder 4  Report No. 6857, File No. none. "Tail Wheel Analysis" submitted by the Structures Dept., 3/14/1938

Box 131, Folder 5  Report No. 6857-A, File No. none. "Tail Wheel Analysis" submitted by the Structures Dept., 12/19/1938

   Models covered: YP-37, XP-40 & 75-R.

Box 131, Folder 7  Report No. 6859, File No. none. "Tail Surface Analysis" submitted by the Structures Dept., 7/1/1938
Models covered: YP-37, XP-40 & 75-R.

Box 131, Folder 8  Report No. 6860, File No. none. "Control System Analysis" submitted by the Structures Dept., 6/1/1938


Models covered: 75-R.

Models covered: P-36A.

Models covered: SOC-3 #10.

Box 131, Folder 15 Report No. 6867, File No. none. "Actual Weight & Balance" submitted by the Weight Dept., 2/14/1938
Models covered: SOC-3 Flagplane.


Models covered: P-36B.

Models covered: SOC-4 #1.

Models covered: Modified SBC-3.
Models covered: P-36B.


Models covered: SOC-3 #20.


Box 131, Folder 26  Report No. 6879, File No. none. "Fire Extinguisher Test" submitted by the Inspection Dept., 3/18/1938

Models covered: XSBC-4 No. 1.

Models covered: Low Wing Monoplane.

Models covered: Low Wing Monoplane.

Models covered: Low Wing Monoplane.

Models covered: Mid-Wing Monoplane.


Box 132, Folder 9  Report No. 6899, File No. none. "Fire Extinguisher Test" submitted by the Inspection Dept., 4/7/1938
Models covered: SOC-4 #V-172.

Models covered: Hawk III.

Models covered: SOC-4 #2 Coast Guard.

Models covered: SOC-3 #60.


Models covered: Curtiss Six-Component Wind Tunnel Balance.

Models covered: Hawk 75.

Models covered: China 'Hawk' Type III.

Box 132, Folder 17  Report No. 6961, File No. none. "Oil Servicing - Rate of Flow" submitted by the Engineering Dept., 5/5/1938

Models covered: P-36A.

Box 132, Folder 19  Report No. 6964, File No. none. "Instructions for Adjusting Slot Locks. (SOC-1, 2, 3 & 4)" submitted by the Engineering Dept., 5/10/1938
Models covered: SOC.


Models covered: SOC-3 #83.


Models covered: Hawk 75-M.


Box 132, Folder 27  Report No. 6979, File No. none. "Speed Ring Analysis" submitted by the Structures Dept., 11/7/1938


Box 132, Folder 29  Report No. 6980 [B], File No. none. "Fuselage Analysis. Design of Members (Part II of Two Parts) (page 265 moved to legal size box 177)" submitted by the Structures Dept., 10/4/1938


Box 132, Folder 33  

Box 132, Folder 34  

Box 132, Folder 35  

Box 132, Folder 36  

Box 132, Folder 37  

Box 132, Folder 38  

Box 132, Folder 39  

Box 132, Folder 40  

Box 132, Folder 41  

Box 132, Folder 42  

Box 133, Folder 1  

Box 133, Folder 2  

Box 133, Folder 3  

Box 133, Folder 4  
Models covered: Design 75-R.

Box 133, Folder 5  

Box 133, Folder 6  
Models covered: none.

Box 133, Folder 7  
Models covered: none.

Box 133, Folder 8  
Models covered: none.

Box 133, Folder 9  
Report No. 7011, File No. none. "Manufacturing Practice in the Automobile Industry" submitted by the Engineering Dept., UNDATED  
Models covered: none.

Box 133, Folder 10  
Models covered: none.

Box 133, Folder 11  
Report No. 7013, File No. none. "Manufacturing Practice for Seamless Steel Tubing at the Youngstown Sheet & Tube Company, Youngstown, Ohio" submitted by the Engineering Dept., UNDATED  
Models covered: none.

Box 133, Folder 12  
Models covered: none.

Box 133, Folder 13  
Models covered: none.

Box 133, Folder 14  
Models covered: none.

Box 133, Folder 15  
Models covered: none.


Box 133, Folder 29  

Box 134, Folder 1  
Models covered: Hawk 75R - Demonstrator.

Box 134, Folder 2  
Models covered: XP-46.

Box 134, Folder 3  
Models covered: Netherland East Indies Hawk 75A-7 #1.

Box 134, Folder 4  

Box 134, Folder 5  
Models covered: Curtiss Hawk 86A Pursuit Airplane.

Box 134, Folder 6  
Models covered: Airplane #18 Netherlands East Indies.

Box 134, Folder 7  
Report No. 7896, File No. none. "Windshield Static Test" submitted by the Structures Dept., 7/15/1940  
Models covered: P-40.

Box 134, Folder 8  

Box 134, Folder 9  
Models covered: French Hawk 75A-4 #1.

Box 134, Folder 10  
Models covered: French Hawk 75A-4 #27.

Box 134, Folder 11  
Models covered: H-87-A.

Box 134, Folder 12  
Report No. 7902, File No. none. "Tests on C.M. Steel Tubing to Determine Compressive Strength after Crippling" submitted by the Structures Dept., 5/15/1940
Box 134, Folder 13  Report No. 7903, File No. none. "Static Test of Windshield" submitted by the Structures Dept., 5/31/1940

Models covered: Netherland East Indies Hawk 75A-7 #12 & #18.

Box 134, Folder 15  Report No. 7906, File No. none. "Derivation of Chart for Ratio of Pressure at Engine Blower Outlet to Pressure at Impeller Inlet, Plotted against Carburetor Air Temperature in [Degrees] C " submitted by the Aerodynamics Dept., 5/24/1940

Models covered: French Hawk 75A-4 #40.

Models covered: Netherlands East Indies Hawk 75A-7 #1.

Models covered: SBC-4 Airplane 1829.

Box 134, Folder 19  Report No. 7910, File No. none. "Specifications (Obsolete, Superseded by 7910-A) No Date" submitted by the Sales Dept., UNDATED

Models covered: P-40E. Curtiss-Wright models covered: Hawk 87-A.


Models covered: French Hawk 75A-4 #98.

Models covered: XP-46 & XP-46A.

Models covered: XP-46 & XP-46A.

Models covered: XP-46 & XP-46A.
Box 135, Folder 1  Report No. 7916, File No. none. "Landing Gear Analysis" submitted by the Structures Dept., 8/12/1940
Models covered: XP-46 & XP-46A.

Box 135, Folder 2  Report No. 7917, File No. none. "Tail Surface Analysis" submitted by the Structures Dept., 12/14/1940
Models covered: XP-46 & XP-46A.

Models covered: XP-46 & XP-46A.

Models covered: XP-46 & XP-46A.

Box 135, Folder 5  Report No. 7920, File No. none. "Engine Mount Analysis" submitted by the Structures Dept., 8/9/1940
Models covered: XP-46 & XP-46A.

Models covered: XP-46 & XP-46A.

Box 135, Folder 7  Report No. 7922, File No. none. "Tail Wheel Analysis" submitted by the Structures Dept., 7/16/1940
Models covered: XP-46 & XP-46A.

Box 135, Folder 8  Report No. 7923, File No. none. "Fitting Analysis" submitted by the Structures Dept., 12/20/1940
Models covered: XP-46 & XP-46A.

Box 135, Folder 9  Report No. 7924, File No. none. "Miscellaneous Test Result" submitted by the Structures Dept., 12/19/1940
Models covered: XP-46 & XP-46A.

Models covered: French Hawk 75A-4 #58.

Models covered: French Hawk 75A-4 #79.

Models covered: P-40D.

Models covered: P-40.
Models covered: Design 77.

Box 135, Folder 15  Report No. 7933, File No. none. "Instructions for Reworking Exhaust Manifolds & Heater Muffs" submitted by the Engineering Dept., 6/14/1940

Models covered: P-40D.

Models covered: French Hawk 81A #1.

Models covered: P-40 #5.

Box 135, Folder 19  Report No. 7937, File No. none. "Design of Incomplete Tension Field Beams" submitted by the Structures Dept., 6/19/1940

Box 135, Folder 20  Report No. 7938, File No. none. "Actual Weight & Balance" submitted by the Weight Dept., 6/20/1940
Models covered: P-40 #10.

Models covered: P-40 #1.

Box 135, Folder 22  Report No. 7940, File No. none. "Design of Thin Metal Shear Webs with Flanged Holes" submitted by the Structures Dept., 6/20/1940


Models covered: P-40D.

Models covered: P-40 #20.

Box 135, Folder 27  Report No. 7946, File No. none. "Wind Tunnel Investigation of 1/3 Scale Cooling System" submitted by the Aerodynamics Dept., 12/10/1940
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Models covered: Hawk 81A.

Box 135, Folder 29  Report No. 7948, File No. none. "Determination of a Tail Damping-Power Factor for Seven Curtiss Spinning Models" submitted by the Aerodynamics Dept., 7/24/1940
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Box 135, Folder 30  Report No. 7949, File No. none. "50 Caliber Wing Gun Firing Test" submitted by the Engineering Dept., 7/12/1940
Models covered: P-40D.

Models covered: Hawk 81A.


Models covered: Design 84A.

Box 136, Folder 3  Report No. 7953, File No. none. "Tests on Dill Lok-Skru Fasteners for Blind Attachments" submitted by the Structures Dept., 9/13/1941


Models covered: Design 84-A.

Models covered: P-40 #40.

Box 136, Folder 7  Report No. 7958, File No. none. "Motion Picture Studies of Air Flow During Stalls & Landings" submitted by the Aerodynamics Dept., 7/30/1940
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Box 136, Folder 8  Report No. 7959, File No. none. "Wing Section Properties" submitted by the Structures Dept., 7/22/1940

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Box 136, Folder 17  Report No. 7968, File No. none. "Fitting Analysis (only cover sheet)" submitted by the Structures Dept., 7/26/1940


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Box 136, Folder 30  Report No. 7997, File No. none. "Actual Weight & Balance" submitted by the Weight Dept., 8/20/1940
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Box 136, Folder 31  Report No. 7998, File No. none. "Actual Weight & Balance" submitted by the Weight Dept., 8/22/1940
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Box 136, Folder 34  Report No. 8001, File No. none. "3 Place, 2 Engine, Pursuit with Continental IV-1430-1. Preliminary Weight & Balance Estimate" submitted by the Weight Dept., 8/12/1940

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Models covered: Curtiss Helldiver 84-A.

Box 137, Folder 2  Report No. 8005, File No. none. "Comparative Study of Calculated & Actual Take-Off Distances" submitted by the Aerodynamics Dept., 10/24/1940
Models covered: Curtiss Airplanes.

Models covered: P-40 #100.

Box 137, Folder 4  Report No. 8008, File No. none. "Shear Panel Tests of Tension Field Beams" submitted by the Structures Dept., 1/13/1941

Box 137, Folder 5  Report No. 8010, File No. none. "Cooling Flow Measurements" submitted by the Aerodynamics Dept., 1/17/1941
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Box 137, Folder 7  Report No. 8012, File No. none. "Computation of Gun Sighting" submitted by the Aerodynamics Dept., 9/16/1940
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Models covered: Design 201-C.

Models covered: Design 201-C.

Models covered: XF14C-1.

Models covered: P-40 #1.

Box 137, Folder 14  Report No. 8016, File No. none. "Gun Sighting Chart for use in Aligning Gun Sight [no title page & no date]", UNDATED
Models covered: P-40D.

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Box 137, Folder 16  Report No. 8018, File No. none. "Drag of Learadio Direction Finder" submitted by the Aerodynamics Dept., 9/17/1940

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Box 137, Folder 25  Report No. 8031, File No. none. "Wing Analysis" submitted by the Structures Dept., 11/5/1940
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Box 138, Folder 8  Report No. 8040, File No. none. "Fitting Analysis" submitted by the Structures Dept., 11/5/1940
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Box 139, Folder 1  Report No. 8058, File No. none. "Navy VF Fighter Proposal" submitted by the Engineering Dept., 9/30/1940
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Box 139, Folder 2  Report No. 8058A, File No. none. "Navy VF Fighter Proposal", 12/7/1940
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Box 139, Folder 8  Report No. 8067, File No. none. "Substantiation of P-40D Cooling" submitted by the Aerodynamics Dept., 1/23/1941
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Box 139, Folder 9  Report No. 8068, File No. none. "Actual Weight & Balance" submitted by the Weight Dept., 10/14/1940
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Box 139, Folder 10 Report No. 8069, File No. none. "with Allison V-1710-C15 Engine. Actual Weight & Balance" submitted by the Weight Dept., 10/10/1940
Models covered: British Tomahawk 81A #50.

Box 139, Folder 11 Report No. 8073, File No. none. "Study of Maneuvering Tail Loads" submitted by the Structures Dept., 1/9/1941

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Box 139, Folder 14 Report No. 8077, File No. none. "Actual Weight & Balance" submitted by the Weight Dept., 10/14/1940
Models covered: P-40D #160.

Box 139, Folder 15 Report No. 8078, File No. none. "with Allison V-1710-C15. Actual Weight & Balance" submitted by the Weight Dept., 10/10/1940
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Box 139, Folder 16 Report No. 8079, File No. none. "Spanwise Airload Distribution for Preliminary Design" submitted by the Structures Dept., 10/16/1940
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Models covered: SB2C-1.

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Box 139, Folder 28  Report No. 8143, File No. none. “Gun Adjustment Provided on Export Airplanes” submitted by the Engineering Dept., 10/15/1940

Models covered: SBC-4 #1809.

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Box 139, Folder 31  Report No. 8146, File No. none. “Method of Designing the Amount of Bulge on a Control Surface” submitted by the Aerodynamics Dept., 11/1/1940

Box 139, Folder 32  Report No. 8147, File No. none. “Weight Sheet Summary” submitted by the Weight Dept., 11/5/1940
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Models covered: Norway Hawk #1 H-75A-8.

Models covered: British Tomahawk H-81A-2 #420.


Box 140, Folder 11  Report No. 8214, File No. none. "Gun Sighting Chart for use in Aligning Gun Sight", UNDATED
Models covered: P-40E.

Box 140, Folder 12  Report No. 8215, File No. none. "Weight & Balance Summary for Stress Analysis" submitted by the Weight Dept., 12/12/1940
Models covered: P-40E (6 Wing Guns).

Models covered: British Tomahawk H-81A-2 #460.


Box 140, Folder 15  Report No. 8219, File No. none. "Investigation of Airflow & Air Temperatures in the Engine Compartment in Relation with Warm Air Supply to the Carburetor" submitted by the Aerodynamics Dept., 12/16/1940
Models covered: P-40.

Box 140, Folder 16  Report No. 8222, File No. none. "Pressure Test of Bullet Proof Tank Installation" submitted by the Structures Dept., 12/31/1940
Models covered: P-40 & P-40D.

Box 140, Folder 17  Report No. 8223, File No. none. "with Allison V-1710-C15. Actual Weight & Balance" submitted by the Weight Dept., 12/19/1940
Models covered: British Tomahawk H-81A-2 #495.

Box 140, Folder 18  Report No. 8224, File No. none. "Wing Static Test" submitted by the Structures Dept., 4/18/1942
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Box 140, Folder 21  Report No. 8229, File No. none. "Compressibility Correction to Flight Test Speeds" submitted by the Aerodynamics Dept., 1/8/1941

Models covered: Curtiss XP-60.

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Box 140, Folder 24  Report No. 8232, File No. none. "Actual Weight & Balance" submitted by the Weight Dept., 6/19/1941
Models covered: XP-46.


Box 140, Folder 26  Report No. 8234, File No. none. "Torsional Stiffness & Vibration Frequency Computations" submitted by the Structures Dept., 1/21/1941
Models covered: P-40 Wing.

Models covered: British Tomahawk H-81A-2 #566.

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Box 140, Folder 29  Report No. 8237, File No. none. "Air Forces on Radial Air Cooled Engine Cowling" submitted by J. de Chappedelaine, 1/7/1941

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Box 140, Folder 33  Report No. 8242, File No. none. "Wind Tunnel Test" submitted by the Aerodynamics Dept., 3/5/1941
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Box 140, Folder 34  Report No. 8243, File No. none. "Flight Tests with Windshield Auxiliary Airfoil & Dorsal Fin" submitted by the Aerodynamics Dept., 1/15/1941
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Box 140, Folder 38  Report No. 8246, File No. none. "Stresses at Tube Discontinuities" submitted by the Structures Dept., 2/17/1941

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Box 141, Folder 1  Report No. 8248, File No. none. "Actual Weight & Balance" submitted by the Weight Dept., 1/31/1941
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Box 141, Folder 2  Report No. 8249, File No. none. "Gross Weight, Useful Load & Manufactured Weights" submitted by the Weight Dept., 1/22/1941

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Box 141, Folder 5  Report No. 8252, File No. none. "Windshield & Cabin Static Test" submitted by the Structures Dept., 10/21/1941
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Box 141, Folder 9 Report No. 8256, File No. none. "Material Strength Tests" submitted by the Structures Dept., 1/24/1941

Box 141, Folder 10 Report No. 8257, File No. none. "Shear Panel Tests of Tension Field Beams. Effects of Dimpled Attachment on Shear Stiffness of Webs" submitted by the Structures Dept., 3/1/1941


Box 141, Folder 12 Report No. 8259, File No. none. "Ultimate Stress for Flat Plates in Edge Compression" submitted by the Structures Dept., 2/28/1941

Box 141, Folder 13 Report No. 8261, File No. none. "Carburetor Heater Studies" submitted by the Aerodynamics Dept., 2/26/1941
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Box 141, Folder 15 Report No. 8264, File No. none. "Landing Gear Static Test" submitted by the Structures Dept., 2/10/1941
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Box 141, Folder 17 Report No. 8266, File No. none. "Flotation Gear Test" submitted by the Engineering Dept., 2/1/1941
Models covered: SBC-4 #4199.

Box 141, Folder 18 Report No. 8267, File No. none. "Curtiss Engineering Course. Drafting Room Procedure (no date)", UNDATED

Box 141, Folder 19 Report No. 8268, File No. none. "Gunfire Test on Sample Oil Tanks Externally Protected" submitted by the Engineering Dept., 2/3/1941

Box 141, Folder 20 Report No. 8269, File No. none. "with Allison V-1710-C15 Engine. Actual Weight & Balance" submitted by the Weight Dept., 2/7/1941
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Box 141, Folder 22  Report No. 8272, File No. none. "Wind Tunnel Tests" submitted by the Aerodynamics Dept., 5/16/1941
Models covered: XP-53 Preliminary 1/6 Scale Model.

Models covered: P-40 #40-327.

Box 141, Folder 24  Report No. 8275, File No. none. "Installation Drawings of Wing Guns [no title page & no date]", UNDATED

Box 141, Folder 25  Report No. 8276, File No. none. "Installation Drawings of Wing Synchronized Guns [no title & no date]", UNDATED
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Box 141, Folder 26  Report No. 8278, File No. none. "with Allison V-1710-C15 Engine. Actual Weight & Balance" submitted by the Weight Dept., 2/12/1941

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Box 143, Folder 2  Report No. 8318, File No. none. "Wing Flutter Analysis" submitted by the Structures Dept., 10/3/1941

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Box 143, Folder 7  Report No. 8325, File No. none. "Supplementary Wind Tunnel Tests on .15 Scale Model" submitted by the Aerodynamics Dept., 10/10/1941
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Box 143, Folder 11 Report No. 8329, File No. none. "Actual Weight & Balance" submitted by the Weight Dept., 4/12/1941
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Box 143, Folder 14 Report No. 8334, File No. none. "Curtiss Engineering Course. Elementary Structures (no date)", UNDATED
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Box 143, Folder 17  Report No. 8337, File No. none. "Wing Gun Firing Tests" submitted by the Engineering Dept., 3/31/1941


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Box 143, Folder 20  Report No. 8343-A, "Powered with 1 Model R-3350-17 Intermediate Engine. Handbook of Erection and Maintenance Instructions (folder #1)", 3/18/1944

Box 143, Folder 21  Report No. 8343-A, "Model Specification (folder #2)", 5/15/1941

Box 143, Folder 22  Report No. 8344, File No. none. "Graphical Flutter Analysis" submitted by the Structures Dept., 4/10/1941

Box 144, Folder 1  Report No. 8346, File No. none. "Information Received from British Air Commission. Protection of Aircraft Against Enemy Fire" submitted by the Engineering Dept., 4/8/1941

Models covered: XP-46.

Box 144, Folder 3  Report No. 8348, File No. none. "Windshield Static Test" submitted by the Structures Dept., 4/7/1941
Models covered: P-40D.

Box 144, Folder 4  Report No. 8349, File No. none. "Analysis of a Curved Clevis Yoke Fitting" submitted by the Structures Dept., 4/16/1941

Models covered: P-40D #1 Army Pursuit.

Models covered: P-40C #94.
Box 144, Folder 7  

Box 144, Folder 8  

Box 144, Folder 9  
Models covered: P-40B #1.

Box 144, Folder 10  

Box 144, Folder 11  
Report No. 8357, File No. none. "Gear Ratio Study" submitted by the Aerodynamics Dept., 4/18/1941  

Box 144, Folder 12  

Box 144, Folder 13  
Models covered: P-40D.

Box 144, Folder 14  
Report No. 8360, File No. none. "Landing Gear Analysis" submitted by the Structures Dept., 4/16/1941  
Models covered: P-40F.

Box 144, Folder 15  
Models covered: P-40F & XP-60.

Box 144, Folder 16  
Models covered: P-40F.

Box 144, Folder 17  
Models covered: P-40F.

Box 144, Folder 18  
Report No. 8364, File No. none. "Summary of Minimum Margins of Safety" submitted by the Structures Dept., 7/14/1941  
Models covered: P-40E.

Box 144, Folder 19  
Models covered: P-40B.
Box 144, Folder 20  Report No. 8368, File No. none. "Dynamic Balance Calculations. Aileron, Rudder & Elevator" submitted by the Weight Dept., 7/18/1941
Models covered: O-52.

Box 144, Folder 21  Report No. 8371, File No. none. "Dynamic Balance Calculations for Aileron, Elevator & Rudder" submitted by the Weight Dept., 4/14/1941
Models covered: P-40D #1 Army Pursuit.

Box 144, Folder 22  Report No. 8372, File No. none. "Derivation of Flutter Coefficients with Area Forward of Movable Surface Hinge Line [no title page]", 4/30/1941

Models covered: XP-46.

Box 144, Folder 24  Report No. 8374, File No. none. "Dynamic Balance Calculations for Aileron, Elevator & Rudder" submitted by the Weight Dept., 5/7/1941
Models covered: XP-46.

Models covered: O-52.

Box 144, Folder 26  Report No. 8376, File No. none. "Actual Weight & Balance" submitted by the Weight Dept., 5/1/1941
Models covered: SBC-4 #50 Navy.

Box 144, Folder 27  Report No. 8378, File No. none. "Navy Fighter Airplane, Class VF" submitted by the Aerodynamics Dept., 5/3/1941
Models covered: Design 201-C.

Models covered: XF14C-1.

Models covered: P-40.

Box 144, Folder 30  Report No. 8381, File No. none. "Actual Weight & Balance" submitted by the Weight Dept., 10/30/1941
Models covered: XP-40F.


Box 144, Folder 32  Report No. 8384, File No. none. "Actual Tare Weight & C.G. Location" submitted by the Weight Dept., 10/30/1941
Models covered: H-87A-3 #370.
Box 144, Folder 33  Report No. 8385, File No. none. "Airfoil Section Characteristics with 30, 50 & 80% Chord Plain Flaps, each Equipped with 3 Tabs" submitted by the Structures Dept., 7/4/1942

Box 144, Folder 34  Report No. 8387, File No. none. "Wind Tunnel Tests" submitted by the Aerodynamics Dept., 11/6/1941
Models covered: XP-60 .15 Scale Model.

Models covered: Hawk 87A-2 #1.

Models covered: P-40D #1.

Box 145, Folder 2  Report No. 8395, File No. none. "Performance Tests" submitted by the Aerodynamics Dept., 5/19/1941
Models covered: P-40B #1.

Box 145, Folder 3  Report No. 8396, File No. none. "Slat Track Test" submitted by the Structures Dept., 5/8/1941
Models covered: O-52.

Models covered: P-40.

Box 145, Folder 5  Report No. 8398, File No. none. "Oil System Filling Procedure", 8/5/1941
Models covered: P-40D & P-40E.

Models covered: P-40D #1.

Models covered: P-40D, 1/3 Scale Model.

Models covered: British Tomahawk H-81A-2 #905.

Models covered: British Tomahawk H-81A-2 #940.

Box 145, Folder 10 Report No. 8404, File No. none. "Dynamic Characteristics of Airplane Control Surfaces [no title page & no date]", UNDATED

Models covered: O-52 #1.

Models covered: P-40C #193.

Models covered: P-60 Pursuit Interceptor.

Models covered: YP-60E.

Models covered: XSB2C-2 Marine Corps.

Models covered: P-40D.

Models covered: P-40D.

Models covered: British Tomahawk H-81A-2 #973.

Models covered: P-40C #193.

Models covered: P-40F.

Models covered: H-87A-2 #1, British Kittyhawk (AK-571).

Box 145, Folder 24  
Models covered: XP-60.

Box 145, Folder 25  
Models covered: British Tomahawk H-81A-2 #1006.

Box 145, Folder 26  

Box 146, Folder 1  
Models covered: XO-52.

Box 146, Folder 2  
Models covered: British Tomahawk H-81A-2 #1061.

Box 146, Folder 3  

Box 146, Folder 4  
Models covered: British Airplanes.

Box 146, Folder 5  

Box 146, Folder 6  

Box 146, Folder 7  

Box 146, Folder 8  
Models covered: P-40 & P-40D.

Box 146, Folder 9  
Models covered: British Tomahawk H-81A-2 #1085.

Box 146, Folder 10  
Models covered: P-40D #1.

Box 146, Folder 11  
Models covered: O-52 #5.

Box 146, Folder 12  Report No. 8447, File No. none. "Ground & Aerial Gunnery Tests" submitted by the Engineering Dept., 7/2/1941
Models covered: P-40E.

Box 146, Folder 13  Report No. 8448, File No. none. "with Pratt & Whitney R-1340-51 Engine. Actual Weight & Balance" submitted by the Weight Dept., 7/7/1941
Models covered: O-52 #10.

Models covered: O-52 #20.

Models covered: XF14C-1.

Box 146, Folder 16  Report No. 8451, File No. none. "Two Weeks Instruction to New Men. Elementary Stress & Descriptive Geometry with Practical Layouts" submitted by the Engineering Dept., 7/7/1941

Box 146, Folder 17  Report No. 8452, File No. none. "with Pratt & Whitney R-1340 Engine. Actual Weight & Balance" submitted by the Weight Dept., 7/14/1941
Models covered: O-52 #40.

Box 146, Folder 18  Report No. 8453, File No. none. "with W.A.C. R-3350, 2-Stage Engine. Weight & Balance Estimate" submitted by the Weight Dept., 7/14/1941
Models covered: XF14C-1 Alternate.

Models covered: XF14C-1.

Box 146, Folder 20  Report No. 8455, File No. none. "Tests on A17ST Rivets with 100 Degree & 78 Degree Heads. Notes on Reports R-44 & R-35 of the St. Louis Airplane Division" submitted by the Structures Dept., 6/10/1941


Models covered: P-40 Shape Fuselage Tank.

Box 146, Folder 24  Report No. 8480, File No. none. "Control Stick Forces for Deflection of Ailerons" submitted by the Aerodynamics Dept., 7/16/1941
Models covered: XP-60.

Box 146, Folder 25  Report No. 8482, File No. none. "Performance Data (only cover sheet)" submitted by the Flight Test Dept., 7/23/1941
Models covered: P-40D.

Models covered: P-40D Last Army Pursuit.

Models covered: Last P-40D.

Box 146, Folder 28  Report No. 8485, File No. none. "Brief Descriptive Specification [no title page]", 7/14/1941

Box 146, Folder 29  Report No. 8486, File No. none. "British Kittyhawk (AK-571). Actual Tare Weight & Center of Gravity" submitted by the Weight Dept., 7/24/1941

Box 146, Folder 30  Report No. 8487, File No. none. "British Kittyhawk (AK-606). Actual Tare Weight & Center of Gravity" submitted by the Weight Dept., 7/25/1941
Models covered: H-87A #36.

Models covered: H-87A-3 #36.

Box 146, Folder 32  Report No. 8488, File No. none. "British Kittyhawk (AK-607). Actual Tare Weight & Center of Gravity" submitted by the Weight Dept., 7/24/1941
Models covered: H-87A-3 #37.

Box 146, Folder 33  Report No. 8489, File No. none. "British Kittyhawk (AK-608). Actual Tare Weight & Center of Gravity" submitted by the Weight Dept., 7/25/1941
Models covered: H-87A #38.

Box 146, Folder 34  Report No. 8490, File No. none. "British Kittyhawk (AK-609). Actual Tare Weight & Center of Gravity" submitted by the Weight Dept., 7/25/1941

Box 146, Folder 35  Report No. 8491, File No. none. "British Kittyhawk (AK-614). Actual Tare Weight & Center of Gravity" submitted by the Weight Dept., 7/15/1941
Models covered: H-87A #44.

Box 146, Folder 36  Report No. 8492, File No. none. "Actual Tare Weight & Center of Gravity" submitted by the Weight Dept., 7/15/1941
Models covered: H-87A-3 #66.

Box 146, Folder 37  Report No. 8494, File No. none. "Stress Analysis Weight & Balance Summary" submitted by the Weight Dept., 7/30/1941

Box 146, Folder 38

Box 146, Folder 39
Report No. 8498, File No. none. "Wing Gun Blast Tube (1-1/2' Dia.) Ground & Aerial Gunnery Tests" submitted by the Engineering Dept., 8/14/1941
Models covered: P-40D & P-40E.

Box 146, Folder 40
Report No. 8499, File No. none. "Calculated Moments of Inertia" submitted by the Weight Dept., 8/14/1941
Models covered: XF14C-1.

Box 146, Folder 41
Report No. 8500, File No. none. "with 6 Wing Guns & with Allison V-1710-F3R Engine. Actual Weight & Balance" submitted by the Weight Dept., 8/15/1941
Models covered: P-40E #29.

Box 146, Folder 42
Report No. 8501, File No. none. "with 6 Wing Guns & with Allison V-1710-F3R Engine. Actual Weight & Balance" submitted by the Weight Dept., 8/15/1941
Models covered: P-40E #16.

Box 146, Folder 43
Models covered: British Tomahawk H-81-2 #1180.

Box 146, Folder 44
Models covered: P-40E #59.

Box 146, Folder 45
Models covered: P-40G.

Box 146, Folder 46
Models covered: XF14C-1.

Box 147, Folder 1
Models covered: AN442 Rivets (24ST).

Box 147, Folder 2

Box 147, Folder 3
Report No. 8508, File No. none. "Dependence of 23012 & 23012-64 Section Polars on Mach Number" submitted by the Aerodynamics Dept., 8/29/1941

Box 147, Folder 4
Models covered: XP-60A & XP-60B Army Model.

Box 147, Folder 5
Models covered: XP-60C & XP-60E Army Model.

Box 147, Folder 6  Report No. 8510, File No. none. "Stress Analysis Weight & Balance Summary" submitted by the Weight Dept., 10/2/1941


Box 147, Folder 8  Report No. 8513, File No. none. "Fuselage Member Design" submitted by the Structures Dept., 1/23/1943

Box 147, Folder 9  Report No. 8515, File No. none. "Wing Member Design" submitted by the Structures Dept., 5/19/1943

Box 147, Folder 10 Report No. 8516, File No. none. "Tail Surface Analysis" submitted by the Structures Dept., 9/5/1942

Box 147, Folder 11 Report No. 8517, File No. none. "Flap & Aileron Analysis" submitted by the Structures Dept., 10/12/1942

Box 147, Folder 12 Report No. 8518, File No. none. "Control System Analysis" submitted by the Structures Dept., 2/13/1943

Box 147, Folder 13 Report No. 8519, File No. none. "Engine Mount Analysis" submitted by the Structures Dept., 2/13/1942

Box 147, Folder 14 Report No. 8520, File No. none. "Landing Gear Analysis" submitted by the Structures Dept., 5/9/1942

Box 147, Folder 15 Report No. 8521, File No. none. "Tail Wheel Analysis" submitted by the Structures Dept., 4/14/1942

Box 147, Folder 16 Report No. 8522, File No. none. "Fitting Analysis" submitted by the Structures Dept., 5/7/1943

Box 148, Folder 1  Report No. 8523, File No. none. "Wing Flutter Analysis" submitted by the Structures Dept., 9/7/1942

Box 148, Folder 2  Report No. 8526, File No. none. "Calculated Moments of Inertia" submitted by the Weight Dept., 9/16/1941

Box 148, Folder 3  Report No. 8526A, File No. none. "Calculated Moments of Inertia (Supersedes Report 8526 dated 9/16/41)" submitted by the Weight Dept., 11/6/1941

Models covered: P-40E #178.

Box 148, Folder 5  Report No. 8528, File No. none. "Actual Tare Weight & Center of Gravity" submitted by the Weight Dept., 9/5/1941
Models covered: H-87A #91.

Models covered: XP-60 (8 Wing Gun).

Models covered: Various Curtiss Propellers.

Models covered: P-40D #5.


Models covered: P-40D #1.


Models covered: O-52 #100.

Box 148, Folder 14  Report No. 8538, File No. none. "Static Test Summary" submitted by the Structures Dept., 9/12/1941
Models covered: P-40D & E.
Box 148, Folder 15  Report No. 8542, File No. none. “Gunfire Tests on Sample Oil Tanks. Externally Protected [no title page], 8/18/1941

Models covered: H-87A-3 #182.


Models covered: P-40D.

Box 148, Folder 20  Report No. 8548, File No. none. "Windshield Static Test" submitted by the Structures Dept., 10/31/1941
Models covered: P-40D.

Models covered: P-40E #203.

Box 148, Folder 22  Report No. 8550, File No. none. "Actual Tare Weight & Center of Gravity" submitted by the Weight Dept., 9/9/1941

Models covered: XP-60A.

Models covered: XP-60A.


Box 148, Folder 26  Report No. 8558, File No. none. "Comparison of Equivalent Parasite Areas (f) of Several Airplanes" submitted by the Aerodynamics Dept., 10/22/1941

Box 148, Folder 27  Report No. 8559, File No. none. "Actual Tare Weight & Center of Gravity" submitted by the Weight Dept., 10/7/1941
Models covered: H-87A-3 #239.

Models covered: XF14C-1.

Box 149, Folder 1  

Box 149, Folder 2  
Models covered: XF14C-1, 2 & 3.

Box 149, Folder 3  
Models covered: XF14C-1.

Box 149, Folder 4  
Models covered: XF14C-1, 2 & 3.

Box 149, Folder 5  
Models covered: XF14C-1, 2 & 3.

Box 149, Folder 6  
Report No. 8565, File No. none. "Design of Members for Wing" submitted by the Structures Dept., 4/7/1943  
Models covered: XF14C-1, 2 & 3.

Box 149, Folder 7  

Box 150, Folder 1  
Report No. 8567, File No. none. "Wing & Tail Flutter Analysis" submitted by the Structures Dept., 7/13/1943  

Box 150, Folder 2  

Box 150, Folder 3  
Models covered: XF14C-1, 2 & 3.

Box 150, Folder 4  
Models covered: XF14C-1, 2 & 3.

Box 150, Folder 5  
Models covered: XF14C-1 & 2.

Models covered: XF14C-1 & 2.

Box 150, Folder 8  Report No. 8574, File No. none. "Design Members - Fuselage" submitted by the Structures Dept., 7/7/1943
Models covered: XF14C-1 & 2.

Box 150, Folder 9  Report No. 8575, File No. none. "Stress Analysis of Model for 19 Foot Pressure Wind Tunnel" submitted by the Structures Dept., 9/14/1942
Models covered: XF14C-1 & 2.

Box 150, Folder 10 Report No. 8576, File No. none. "Hoisting Sling Analysis" submitted by the Structures Dept., 6/15/1943
Models covered: XF14C-1 & 2.

Box 150, Folder 11 Report No. 8577, File No. none. "Design of Members - Fuselage" submitted by the Structures Dept., 3/1/1944
Models covered: XF14C-3.

Models covered: XF14C-1, 2 & 3.

Box 150, Folder 13 Report No. 8579, File No. none. "Engine Mount Analysis, R-3350 Engine Installation" submitted by the Structures Dept., 12/7/1942

Models covered: XF14C-1 & 2.

Models covered: XF14C-1, 2 & 3.

Models covered: XF14C-1, 2 & 3.

Box 151, Folder 1 Report No. 8583, File No. none. "Tail Surface Loads" submitted by the Structures Dept., 2/23/1943
Models covered: XF14C-1, 2 & 3.

Box 151, Folder 2 Report No. 8584, File No. none. "Tail Surface - Design of Members" submitted by the Structures Dept., 7/6/1943
Models covered: XF14C-1, 2 & 3.

Box 151, Folder 3 Report No. 8585, File No. none. "Surface Controls Analysis" submitted by the Structures Dept., 4/24/1943
Models covered: XF14C-1, 2 & 3.

Box 151, Folder 4 Report No. 8586, File No. none. "Brake Controls System Analysis" submitted by the Structures Dept., 8/24/1942
Models covered: XF14C-1, 2 & 3.

Box 151, Folder 5 Report No. 8587, File No. none. "Weight Distribution" submitted by the Structures Dept., 9/30/1941
Models covered: XF14C-1.

Box 151, Folder 6 Report No. 8588, File No. none. "Ground Loads" submitted by the Structures Dept., 8/20/1942
Models covered: XF14C-1, 2 & 3.

Models covered: XF14C-1.

Box 151, Folder 8 Report No. 8590, File No. none. "Fitting Analysis" submitted by the Structures Dept., 7/20/1943

Models covered: XF14C-1 & 2.

Box 151, Folder 10 Report No. 8592, File No. none. "Strength Summary & Operating Restrictions" submitted by the Structures Dept., 10/25/1943


Box 151, Folder 12 Report No. 8609, File No. none. "Actual Tare Weight & Center of Gravity" submitted by the Weight Dept., 10/7/1941
Models covered: H-87A-3 #203.

Box 151, Folder 13 Report No. 8610, File No. none. "Calculated Moments of Inertia " submitted by the Weight Dept., 10/15/1941
Models covered: P-60A.

Box 151, Folder 14 Report No. 8611, File No. none. "Static & Dynamic Balance Calculations" submitted by the Weight Dept., 10/10/1941

Box 151, Folder 15 Report No. 8612, File No. none. "Determination of Aileron Effectiveness by Two Methods" submitted by the Aerodynamics Dept., 11/7/1941

Box 151, Folder 16 Report No. 8613, File No. none. "Aileron Dynamic Balance" submitted by the Weight Dept., 10/10/1941
Models covered: XP-60.
Box 151, Folder 17  Report No. 8614, File No. none. "Actual Tare Weight & Center of Gravity" submitted by the Weight Dept., 10/11/1941

Box 152, Folder 1  Report No. 8615, File No. none. "Performance Tests" submitted by the Aerodynamics Dept., 12/22/1941
Models covered: H-87A-3 #44 British Kittyhawk.

Box 152, Folder 2  Report No. 8616, File No. none. "Actual Tare Weight & C.G. Location" submitted by the Weight Dept., 10/18/1941
Models covered: H-87A-3 #311.

Models covered: SO3C-1.

Models covered: P-40E #324.


Models covered: XP-60A, B & C.

Models covered: XP-60A, B & C.

Models covered: XP-60A, B & C.

Models covered: XP-60A, B & C.

Box 152, Folder 10  Report No. 8625, File No. none. "Wing Member Design" submitted by the Structures Dept., 5/2/1942
Models covered: XP-60A, B & C.

Models covered: XP-60A, B & C.

Box 152, Folder 12  Report No. 8627, File No. none. "Wing Flap & Aileron Analysis" submitted by the Structures Dept., 8/19/1942
Models covered: XP-60A, B & C.

Box 152, Folder 13  
Models covered: XP-60A, B & C.

Box 152, Folder 14  
Models covered: XP-60A & B.

Box 152, Folder 15  
Models covered: XP-60A, B & C.

Box 152, Folder 16  
Models covered: XP-60A, B & C.

Box 152, Folder 17  
Models covered: XP-60A, B & C.

Box 153, Folder 1  
Models covered: XP-60A, B & C.

Box 153, Folder 2  
Models covered: XP-60A, B & C.

Box 153, Folder 3  

Box 153, Folder 4  
Report No. 8641, File No. none. "Gun Sighting Chart for Use in Aligning Gun Sight [no title page & no date]", UNDATED  
Models covered: XP-40F.

Box 153, Folder 5  
Report No. 8642, File No. none. "Actual Tare Weight & C.G. Location" submitted by the Weight Dept., 11/12/1941  

Box 153, Folder 6  
Report No. 8643, File No. none. "Wind Tunnel Tests of 1/3 Scale Cooling System" submitted by the Aerodynamics Dept., 1/14/1942  
Models covered: P-40F 1/3 Scale.

Box 153, Folder 7  

Box 153, Folder 8  
Report No. 8647, File No. none. "Duffle Bag Static Test" submitted by the Structures Dept., 11/22/1941  
Models covered: P-40D & E.
Box 153, Folder 9  
Models covered: XP-60.

Box 153, Folder 10  
Models covered: P-40E #439.

Box 153, Folder 11  
Models covered: P-40E #29.

Box 153, Folder 12  
Models covered: P-40E #75.

Box 153, Folder 13  
Report No. 8652, File No. none. "Actual Tare Weight & C.G. Location" submitted by the Weight Dept., 11/28/1941  
Models covered: H-87A-3 #522.

Box 153, Folder 14  
Models covered: Kittyhawk.

Box 153, Folder 15  
Models covered: Delco-Remy.

Box 153, Folder 16  

Box 153, Folder 17  

Box 153, Folder 18  
Report No. 8658, File No. none. "Actual Tare Weight & C.G. Location" submitted by the Weight Dept., 12/3/1941  
Models covered: H-87A-3 #547.

Box 153, Folder 19  

Box 153, Folder 20  
Models covered: P-40E #541.

Box 153, Folder 21  
Report No. 8661, File No. none. "Actual Tare Weight & C.G. Location" submitted by the Weight Dept., 12/9/1941
Models covered: H-87A-3 #557.

Models covered: 1st P-40F.

Models covered: P-40F.


Models covered: P-40E #624.

Box 153, Folder 26  Report No. 8667-1, "Shear Tests on A17ST - 100 Degree Countersunk Head Rivets with Machine Countersinking" submitted by the Structures Dept., 6/12/1942
Models covered: P-40E.

Box 153, Folder 27  Report No. 8667-2, "Deflection Data from Shear Tests on A17ST - 100 Degree Countersunk Head Rivets with Machine Countersinking" submitted by the Structures Dept., 6/19/1942
Models covered: P-40E.

Models covered: P-40E-1 #570.

Models covered: P-40E-1 #661.

Box 153, Folder 30  Report No. 8670, File No. none. "Coolant System Ground Test" submitted by the Aerodynamics Dept., 12/30/1941
Models covered: XP-40F.

Models covered: P-40.

Box 153, Folder 32  Report No. 8672, File No. none. "25 Hour Vibration Test of Oil Tank" submitted by the Materials Dept. Laboratory, 12/9/1941
Models covered: XP-60.

Box 153, Folder 33  Report No. 8673, File No. none. "Estimated Weight Comparison" submitted by the Weight Dept., 1/13/1942
Models covered: 3 Place Fighter.

Box 154, Folder 1
Models covered: P-40F.

Box 154, Folder 2

Box 154, Folder 3
Report No. 8678, File No. none. "Gun Mounting Test" submitted by the Structures Dept., 1/21/1942

Box 154, Folder 4
Models covered: P-40E.

Box 154, Folder 5
Models covered: P-40.

Box 154, Folder 6
Models covered: P-40E #727.

Box 154, Folder 7
Models covered: P-40F & L.

Box 154, Folder 8
Models covered: XP-40F.

Box 154, Folder 9

Box 154, Folder 10
Models covered: O-52 #203.

Box 154, Folder 11
Models covered: XF14C-2 Navy Fighter.

Box 154, Folder 12
Models covered: P-40E-1 #757.

Box 154, Folder 13
Models covered: P-40F #10.

Box 154, Folder 14
Models covered: P-40E.


Box 154, Folder 17  Report No. 8695, File No. none. "Gun Sighting Chart for Use in Aligning Gun Sight [no title page & no date]", UNDATED
Models covered: P-60A.

Models covered: P-40.

Models covered: Tomahawks & Kittyhawks.

Box 154, Folder 20  Report No. 8698, File No. none. "Information on Fighter Airplanes as Gathered in the United Kingdom", 12/29/1941

Models covered: P-40F #25.

Box 154, Folder 22  Report No. 8700, File No. none. "Oil Congealing Tests with Different Coolers, Relief Valves & Surge Valves" submitted by the Flight Test Dept., 5/19/1942
Models covered: P-40.

Models covered: P-40E-1 #890.

Models covered: P-40E-1 #979.


Box 154, Folder 28  
Models covered: P-40E #843.

Box 154, Folder 29  

Box 154, Folder 30  

Box 154, Folder 31  
Models covered: XF14C-1.

Box 154, Folder 32  

Box 154, Folder 33  
Models covered: P-40E #1085.

Box 154, Folder 34  
Models covered: P-40E-1 #1188.

Box 154, Folder 35  
Report No. 8716, File No. none. "Feed Mechanism & Tubular Mount Type T-4 & T-4E1 for 20 MM. Aircraft Gun M1 & M2 [photos & negatives]", 3/27/1942  
Models covered: Type T-4 & T-4E1.

Box 154, Folder 36  
Models covered: P-40E-1 #1285.

Box 154, Folder 37  

Box 154, Folder 38  

Box 154, Folder 39  
Models covered: P-40F #100.

Box 154, Folder 40  
Models covered: XP-60.

Box 155, Folder 2  Report No. 8724-1, "Shear Tests on A17ST - 100 Degree Countersunk Head Rivets with Press and Press - Machine Countersinking [photos]" submitted by the Structures Dept., 9/1/1942

Box 155, Folder 3  Report No. 8724-2, "Deflection Data from Shear Tests on A17ST - 100 Degree Countersunk Head Rivets with Press and Press - Machine Countersinking" submitted by the Structures Dept., 9/29/1942

Models covered: P-40E-1 #1446.

Box 155, Folder 5  Report No. 8726, File No. none. "Actual Weight & Balance" submitted by the Weight Dept., 4/16/1942
Models covered: P-40E-1 #1490.


Models covered: P-40F.

Models covered: P-40D.

Models covered: P-40E-1 #1590.

Models covered: P-40 1/6 Scale Model.

Models covered: P-40F #1.

Box 155, Folder 14  Report No. 8736, File No. none. "100 Hour Accelerated Service Test Report", 5/15/1942
Models covered: Kittyhawk I.


Box 155, Folder 16  Report No. 8738, File No. none. "Vertical Tail Surface Analysis" submitted by the Structures Dept., 5/18/1942
Models covered: P-40E.

Models covered: P-40E-1 #1687.

Models covered: P-40F.

Models covered: P-40E.


Box 156, Folder 1  Report No. 8744, File No. none. "Actual Weight & Balance" submitted by the Weight Dept., 7/24/1942
Models covered: P-40K-1 #1.

Models covered: P-40E-1 #879.

Models covered: P-40F.

Models covered: P-40F #313.

Models covered: P-40E-1 #1913.
   Models covered: XP-60D.

   Models covered: C-46 #1.

   Models covered: XP-60D, 2-Stage XP-60.

Box 156, Folder 9  Report No. 8756, File No. none. "Vertical Tail - Fin Proof Test" submitted by the Structures Dept., 7/16/1943
   Models covered: XP-60A.

Box 156, Folder 10 Report No. 8758, File No. none. "3 Dimensional Method of Wing Flutter Analysis" submitted by the Structures Dept., 8/11/1942

Box 156, Folder 11 Report No. 8759, File No. none. "Supplementary Analytical Considerations of the Structural Tests of the Wing & Landing Gear including the Accuracy of Electrical Strain Gages" submitted by the Structures Dept., 11/25/1942

Box 156, Folder 12 Report No. 8760, File No. none. "Study of the Ultimate Strength of the Tension Surface of a 2-Beam Wing in Bending" submitted by the Structures Dept., 7/15/1942

   Models covered: XP-60A (6 Wing Guns).


   Models covered: P-40F #400.

   Models covered: P-40D #5.

Box 156, Folder 17 Report No. 8765, File No. none. "Revised Fin - Static Test (Fin Extension)" submitted by the Structures Dept., 6/30/1942
   Models covered: P-40E.

Box 156, Folder 18 Report No. 8766, File No. none. "Estimated Weight & Balance" submitted by the Weight Dept., 7/2/1942
   Models covered: XP-60A (4 Wing Cannons).
Box 156, Folder 19  

Box 156, Folder 20  

Box 156, Folder 21  
Report No. 8769, File No. none. "Use & Maintenance of Metal Stitcher 'Morrison Type' (no date)" submitted by the Engineering Dept., UNDATED

Box 156, Folder 22  
Models covered: P-47G.

Box 156, Folder 23  
Models covered: P-40F.

Box 156, Folder 24  
Models covered: P-40E-1 #2060.

Box 156, Folder 25  
Models covered: P-40K-1 #100.

Box 156, Folder 26  
Report No. 8775, File No. none. "History & Background of Aircraft Armament" submitted by Clem G. Trimbach, 7/18/1942

Box 156, Folder 27  

Box 156, Folder 28  

Box 156, Folder 29  

Box 156, Folder 30  

Box 156, Folder 31  
Models covered: P-40F.

Box 156, Folder 32  
Models covered: P-40F #500.

Box 156, Folder 34  Report No. 8783, File No. none. "Effect of R.P.M. Setting on Obstacle Take Off" submitted by the Flight Test Dept., 7/31/1942
Models covered: P-40E #75.

Box 157, Folder 1  Report No. 8784, File No. none. "Variation of Wing Incidence & Contours on Production" submitted by the Flight Test Dept., 7/27/1942
Models covered: P-40.


Box 157, Folder 3  Report No. 8787, File No. none. "Pressure Test of Carburetor Air Induction System" submitted by the Structures Dept., 6/19/1943


Box 157, Folder 10  Report No. 8795, File No. none. "Gun Sighting Chart for Use in Aligning Gun Sight [no title page & no date]", UNDATED

Models covered: P-40K-1 #218.
Models covered: P-40K-1 #300.

Models covered: P-40E #48 & P-40F #1.

Box 157, Folder 14  Report No. 8800, File No. none. "Memorandum Reports on Structural Tests (8800 to 8800-18)" submitted by the Structures Dept., 7/20/1943


Models covered: P-40 Series.

Box 157, Folder 18  Report No. 8802-14, File no. none. "Static Test of Spin Chute Release Assembly [8802-14 to 8802-23] [photos]" submitted by M. Whelan, 11/24/1942
Models covered: P-40K.


Box 157, Folder 20  Report No. 8804-1, "Fatigue Tests - Metal Stitches, Rivets & Spotwelds. No cover sheets. (8804-1 to 8804-6)" submitted by Engineers, 10/14/1943

Box 157, Folder 21  Report No. 8805, File no. none. "Wing Beam Flange Tests" submitted by the Structures Dept., 8/10/1943
Models covered: XF14C-1.

Models covered: C-46.

Box 158, Folder 2  Report No. 8806-21, File no. none. "Task Force Ramp Static Test [photos] [8806-21 to 8806-29]" submitted by the Structures Dept., 7/3/1943
Models covered: C-46.

Box 158, Folder 3  Report No. 8806-30, File no. none. "#3 Fuel Tank Sump Leakage Test (8806-30 to 8806-37)" submitted by J. Kline, 4/29/1943
Models covered: C-46.

Models covered: C-46.
Box 158, Folder 5  Report No. 8809, File No. none. "Miscellaneous Static Tests [photos] [8809 to 8809-15]" submitted by J. Kline, 3/3/1943
Models covered: P-60 Series.


Models covered: P-40F.

Box 158, Folder 9  Report No. 8814, File No. none. "Gun Sighting Chart for Use in Aligning Gun Sight [no title page & no date]", UNDATED
Models covered: P-40M.

Models covered: P-40F.

Models covered: P-40K-1 #400.

Models covered: XP-60, .15 Scale Model.


Box 158, Folder 14  Report No. 8819, File No. none. "Actual Weight & Balance" submitted by Brennan, 8/21/1942
Models covered: P-40K-1 #510.

Models covered: P-40F #641.


Models covered: C-46.
Models covered: C-46. |
Models covered: XF14C-2 (0.14 Scale Model). |
| Box 158, Folder 20 | Report No. 8825, File No. none. "Actual Weight & Balance" submitted by Hutton, 9/1/1942  
Models covered: C-46 #10. |
Models covered: P-40. |
Models covered: P-40F #700. |
| Box 159, Folder 2 | Report No. 8829, File No. none. "Bolt - Spacer Combination" submitted by the Structures Dept., 8/31/1942 |
Models covered: P-40E. |
| Box 159, Folder 4 | Report No. 8831, File No. none. "Vibration Tests of Wing Fuel Tanks", 9/14/1942  
Models covered: C-46. |
Models covered: P-40K-1 #604. |
Models covered: P-40K #60.

Box 159, Folder 9  
Report No. 8837, File No. none. "Official Army Demonstration with Vertical Tail Surfaces Moved 20' Aft & with Fin Offset 0 Degrees" submitted by the Flight Test Dept., 11/24/1942  
Models covered: P-40F #538.

Box 159, Folder 10  
Models covered: P-40F #801.

Box 159, Folder 11  

Box 159, Folder 12  
Models covered: P-40K #100.

Box 159, Folder 13  

Box 159, Folder 14  

Box 159, Folder 15  

Box 159, Folder 16  
Report No. 8844, File No. none. "Intercooler & Oil Cooler Analysis" submitted by the Aerodynamics Dept., 4/7/1942  

Box 159, Folder 17  
Models covered: P-40K #200.

Box 159, Folder 18  

Box 159, Folder 19  
Models covered: C-46.

Box 159, Folder 20  
Report No. 8849, File No. none. "Stress Analysis Weight & Balance Summary" submitted by V. Leehy, 10/12/1942  
Models covered: P-60.

Box 159, Folder 21  
Models covered: P-60.

Box 159, Folder 22
Models covered: SB2C-1.

Box 159, Folder 23
Models covered: P-40F #170.

Box 159, Folder 24
Models covered: P-40F #900.

Box 159, Folder 25
Models covered: Kinkead A-17 Rolled Bulb.

Box 159, Folder 26
Models covered: C-46.

Box 159, Folder 27
Models covered: P-40K #400.

Box 159, Folder 28

Box 159, Folder 29

Box 159, Folder 30
Models covered: P-40E #48 & P-40E #75.

Box 159, Folder 31
Report No. 8861, File No. none. "Calculated Weight & Balance" submitted by J. Bingham, 10/30/1942

Box 159, Folder 32

Box 159, Folder 33
Models covered: P-40F #1.

Box 159, Folder 34
Models covered: XP-60A.

Models covered: P-40D.


Models covered: P-40K #560.


Box 160, Folder 3  Report No. 8876, File No. none. "Lateral Ground Loads Study (British vs. Americans)" submitted by the Structures Dept., 11/19/1942
Models covered: P-60.

Models covered: P-40F #1056.

Box 160, Folder 5  Report No. 8879, File No. none. "West Coast Trip" submitted by E.E. Foster, 10/20/1942


Models covered: C-46.

Models covered: C-46.

Models covered: C-46.

Models covered: C-46.


Models covered: P-60.

Box 160, Folder 13  Report No. 8888-1, "Test of Aileron Control Installation at Fold Line. No cover sheets. (8888-1 to 8888-14)" submitted by the Structures Dept., 1/7/1943
Models covered: XF14C-1.

Models covered: P-47G.


Models covered: XP-60A.

Models covered: YP-60E.

Models covered: C-46.

Models covered: P-40K #700.

Models covered: YP-60E.

Box 160, Folder 22  Report No. 8905, File No. none. "Basic Design Criteria" submitted by the Structures Dept., 1/14/1943
Models covered: P-60A-1-CU.

Box 160, Folder 23  Report No. 8950, File No. none. "Summary of Design Features (no date)" submitted by the Structures Dept., UNDATED
Models covered: P-40 Series.
Models covered: P-40F & P-40K Type.

Box 161, Folder 1  Report No. 8952, File No. none. "Calculated Moments of Inertia" submitted by J. Wilder, 12/17/1942
Models covered: P-60.

Models covered: P-40M #100.

Box 161, Folder 3  Report No. 8954, File No. none. "Actual Weight & Balance" submitted by C. Church, 12/7/1942
Models covered: P-47G #5.


Models covered: P-40F #1.

Box 161, Folder 6  Report No. 8957, File No. none. "Test of Slat Specimen" submitted by the Structures Dept., 12/10/1942

Models covered: P-40P & P-40N.

Models covered: Aichi 99 & Mitsubishi 97 (?).

Models covered: P-40 Type.

Models covered: C-46 #1.


Models covered: P-40M #85.
Box 161, Folder 13  
Models covered: P-40N.

Box 161, Folder 14  
Models covered: P-40F #1154.

Box 161, Folder 15  
Models covered: P-40M #200.

Box 161, Folder 16  
Report No. 8968, File No. none. "Comparison of YP-40F 1-CU Airplane (P-40F with Radiators moved Aft) with a Production P-40F" submitted by the Flight Test Dept., 10/21/1942  
Models covered: YP-40F.

Box 161, Folder 17  
Models covered: P-40K.

Box 161, Folder 18  
Models covered: P-40M #300.

Box 161, Folder 19  
Models covered: P-40F #1 & P-40K-1 #1.

Box 161, Folder 20  

Box 161, Folder 21  
Models covered: P-40L #20.

Box 161, Folder 22  

Box 161, Folder 23  

Box 161, Folder 24  
Models covered: P-40L #66.

Box 161, Folder 25  
Models covered: C-46.

Models covered: P-40M #408.

Box 161, Folder 28  Report No. 8982, File No. none. "Determination of Equivalent Airfoil Section for .15 Scale Model in the Curtiss 8' Wind Tunnel" submitted by the Aerodynamics Dept., 6/5/1943
Models covered: XP-60C.

Models covered: P-40L #176.

Box 161, Folder 30  Report No. 8984, File No. none. "Preliminary Investigation of Most Efficient Type of Wing & Tail Construction" submitted by the Structures Dept., 12/24/1942
Models covered: XP-46.

Models covered: P-40M.

Models covered: P-40K.


Models covered: P-60.

Models covered: General.

Models covered: P-40F.

Models covered: P-40N.

Box 162, Folder 1  Report No. 8996, File No. none. "Proof Test of Aileron, Rudder & Elevator Tabs" submitted by the Structures Dept., 5/7/1943


Box 162, Folder 3  Report No. 9000, File No. none. "A Direct Reading Electronic Strain Meter" submitted by W. Sourwine, 4/9/1943

Box 162, Folder 4  Report No. 9003, File No. none. "Static Test of Lucite Cabin" submitted by the Structures Dept., 6/16/1943
Models covered: P-40D.

Box 162, Folder 5  Report No. 9004-2 to -21, File No. none. "Tension Tests on Coupons Cut from C-46 Engine Cowl [no title pages] [photos]" submitted by A. Delano, 7/16/1943
Models covered: C-46.

Box 162, Folder 6  Report No. 9005, File No. none. "Static Test of Landing Gear Retracting Strut" submitted by the Structures Dept., 7/15/1943
Models covered: XP-60.

Models covered: General.

Models covered: General.


Models covered: XF14C-1.

Models covered: XF14C-1, -2 , -3.

Models covered: XF14C-2 , -3.

Models covered: XF14C-1.

Box 162, Folder 14  Report No. 9018, File No. none. "Proof Test of Pilot's Seat Anchorage" submitted by the Structures Dept., 3/30/1943
Models covered: XF14C-1, -2, -3.
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
Models covered: Cargo Airplane #2.

Box 163, Folder 1

Box 163, Folder 2

Box 163, Folder 3

Box 163, Folder 4
Models covered: P-40E.

Box 163, Folder 5
Models covered: C-46 #53.

Box 163, Folder 6
Models covered: P-40L #274.

Box 163, Folder 7
Report No. 9059, File No. none. "Pressure Distribution on .36 Scale Model from Wind Tunnel Tests [photos] [no date]" submitted by Robert Stern, UNDATED
Models covered: XP-60A.

Box 163, Folder 8

Box 163, Folder 9
Models covered: C-46.

Box 163, Folder 10

Box 163, Folder 11

Box 163, Folder 12
Models covered: P-40M #35.

Box 163, Folder 13
Models covered: C-46 #101.
Models covered: P-40K.

Box 163, Folder 15  Report No. 9070, File No. none. "Actual Weight & Balance" submitted by C. Church, 4/13/1943

Box 163, Folder 16  Report No. 9071, File No. none. "Compressibility Investigation" submitted by the Aerodynamics Dept., 5/31/1943
Models covered: XP-60D Wing.

Box 163, Folder 17  Report No. 9072, File No. none. "Compressibility Investigation" submitted by the Aerodynamics Dept., 5/31/1943
Models covered: SB2C-1 Wing.

Models covered: P-40N.

Models covered: P-40N #60.

Models covered: P-40N.

Models covered: P-40L #475.

Models covered: P-40L #610.

Models covered: P-40F.


Models covered: P-40N #1.

Models covered: P-40N #100.

Models covered: P-40N #320.

Models covered: P-40L-20CU.

Models covered: P-40.


Models covered: P-40L #699.

Box 163, Folder 34  Report No. 9090, File No. none. "Effect of Wing Geometry on Shear & Bending Weights" submitted by J.B. Scalzi, 6/7/1943

Models covered: XP-60E.

Models covered: XP-60A.

Box 164, Folder 2  Report No. 9094, File No. none. "Actual Weight & Balance" submitted by J. Hutton, 6/14/1943
Models covered: C-46 #151.

Models covered: P-40N #645.

Models covered: P-40N #420.


Box 164, Folder 15  Report No. 9112, File No. none. "Handle Load Tests" submitted by the Structures Dept., 10/30/1943


Box 164, Folder 17  Report No. 9114-3A to -17, File No. none. "Static Test of Elevator Control Cable Arm Casting [no title pages] [photos]" submitted by J. Kline, 4/1/1944 Models covered: C-46.


Models covered: P-40N #1512.

Models covered: P-40N.

Models covered: XP-60C & XP-60E.


Box 164, Folder 36 Report No. 9140, File No. none. "Actual Weight & Balance" submitted by C. Crane, 8/21/1943
Models covered: P-40N #1606.

Models covered: C-46 #201.

Models covered: XP-60C.

Models covered: P-40F.

Box 165, Folder 4 Report No. 9144, File No. none. "Wind Tunnel Investigation of 5 Intercooler Scoop Modifications on the 0.36 Scale Model" submitted by the Aerodynamics Dept., 11/17/1943
Models covered: XP-60C.

Box 165, Folder 5 Report No. 9145, File No. none. "Dispersion Patterns" submitted by the Engineering Dept., 9/6/1943
Models covered: P-40N.

Models covered: P-40N #1821.

Box 165, Folder 7 Report No. 9147, File No. none. "Actual Weight & Balance" submitted by C. Church, 9/7/1943
Models covered: P-47G-10-CU #122.

Box 165, Folder 8 Report No. 9148, File No. none. "Weight Comparison" submitted by L. Johnson, 9/7/1943
Models covered: XF14C-2 #1.

Box 165, Folder 10 Report No. 9150, File No. none. "Test of Surface Combustion Heater [photos]" submitted by the Engineering Dept., 9/7/1943
Models covered: C-46 #11.

Models covered: C-46 #11.

Box 165, Folder 12 Report No. 9152, File No. none. "Wind Tunnel Investigation of Various Ailerons. 0.25 Scale Stub Wing" submitted by the Aerodynamics Dept., 2/5/1944
Models covered: C-46.

Models covered: XP-60D.

Models covered: C-46.


Models covered: P-40N.

Models covered: C-46.

Box 166, Folder 2 Report No. 9161, File No. none. "Pre-Supplement to Basic C-46D Spec.", 1/16/1945
Models covered: C-46D, 1 & 5-CU.

Models covered: C-46G.

Models covered: C-46.
Box 166, Folder 5  Report No. 9212, File No. none. "Calculation of Aileron Characteristics from Wind Tunnel Tests of a Stub Wing Model with Several Aileron Modifications" submitted by the Aerodynamics Dept., 10/18/1943
Models covered: C-46.

Box 166, Folder 6  Report No. 9213, File No. none. "Pressure Distribution on 0.15 Scale Model [photos]" submitted by John A. Kleber, 12/11/1943
Models covered: YP-60E.

Models covered: C-46A-45-CU #901.

Models covered: YP-60.

Models covered: P-40N #2238.

Models covered: C-46 & R5C.

Box 166, Folder 11  Report No. 9218, File No. none. "Actual Weight & Balance" submitted by V. Leehy, 10/20/1943
Models covered: C-46 #251.

Models covered: P-40N #2418.

Box 166, Folder 13  Report No. 9220, File No. none. "Flotation Data" submitted by the Engineering Dept., 10/27/1943
Models covered: C-46 & R5C.

Box 166, Folder 14  Report No. 9221, File No. none. "1/12 Scale Model Tests at Wright Brothers Wind Tunnel [photos]" submitted by G.E. Ledbetter, 1/28/1944
Models covered: C-46.

Models covered: C-46 #301.

Box 166, Folder 16  Report No. 9223, File No. none. "Method of Shear Distribution in Metal Box Beams" submitted by the Structures Dept., 11/29/1943

Box 167, Folder 2  
Models covered: P-40N #2624.

Box 167, Folder 3  

Box 167, Folder 4  

Box 167, Folder 5  

Box 167, Folder 6  
Models covered: P-40N #2805.

Box 167, Folder 7  
Models covered: C-46.

Box 167, Folder 8  
Models covered: C-46.

Box 167, Folder 9  

Box 167, Folder 10  

Box 167, Folder 11  
Models covered: P-40N #3071.

Box 167, Folder 12  

Box 167, Folder 13  
Models covered: XP-40N.

Box 167, Folder 14  

Box 167, Folder 15  
Models covered: C-46 #401.
Box 167, Folder 16

Box 167, Folder 17
Models covered: P-40N #3231.

Box 167, Folder 18
Models covered: C-46.

Box 167, Folder 19
Models covered: C-46 #458.

Box 167, Folder 20
Report No. 9252, File No. none. "Internal Pressure Test of Rudder [photos]" submitted by the Structures Dept., 3/31/1944

Box 167, Folder 21

Box 167, Folder 22
Report No. 9254, File No. none. "Vibration Test of Plastic Drinking Water Tank [photos] [no title page]" submitted by the Structures Dept., 2/12/1944
Models covered: C-46.

Box 167, Folder 23
Models covered: C-46.

Box 167, Folder 24
Models covered: C-46.

Box 167, Folder 25
Models covered: XF15C-1.

Box 167, Folder 26
Report No. 9278, File No. none. "Flight Test Performance [no date, no title page] [we only have page 5 -revised- of this report]", UNDATED
Models covered: C-46D #1636.

Box 167, Folder 27

Box 167, Folder 28


Box 167, Folder 31  Report No. 9288-H, File No. none. "Leakage of Fuel & Air through Hydro-Aire Fuel Valves at Room Temperatures" submitted by Hydraulic Laboratory, 5/7/1945


Models covered: C-46.


Box 168, Folder 1  Report No. 9291, File No. none. "Wind Tunnel Investigation of the External Transportation of Fin & Outer Panel (.065 Scale Model, Series I) [photos]" submitted by A. Hertzberg, 3/15/1944

Models covered: C-46.


Models covered: YP-60E.


Box 168, Folder 5  Report No. 9295, File No. none. "Series III - Comparison of Longitudinal Stability Data from 1/12 Scale Model Tests at Wright Brothers Wind Tunnel (M.I.T.) & 0.065 Scale Tests at Curtiss 8 Foot Wind Tunnel [photos]" submitted by John A. Kleber, 7/25/1944

Models covered: C-46.

Box 168, Folder 6  Report No. 9296, File No. none. "Wind Tunnel Investigation of Ground Effect on the 0.065 Scale Model [photos]" submitted by George E. Bartlett, 5/22/1944

Models covered: C-46.

Box 168, Folder 7  Report No. 9299, File No. none. "Actual Weight & Balance" submitted by A. Beverage, 2/14/1944

Models covered: P-40N #3503.
Box 168, Folder 8  Report No. 9300, File No. none. "Basic Flight Design Chart" submitted by A. Krivetsky, 2/14/1944

Box 168, Folder 9  Report No. 9301, File No. none. "Fuselage Analysis (Glider Tow Supplement)" submitted by the Structures Dept., 2/17/1944
Models covered: C-46.

Models covered: P-40.

Box 168, Folder 11 Report No. 9317, File No. none. "Actual Weight & Balance" submitted by C. Church, 2/18/1944

Models covered: C-46 #501.

Models covered: P-40.

Models covered: P-40N-25CU #3799.

Models covered: P-40N-25CU #3901.

Models covered: XF15C-1.

Models covered: XF15C-1.


Box 168, Folder 19 Report No. 9333, File No. none. "Fuselage Diagram & Wing Structural Layout [no title page] [charge card]" submitted by MHG, 9/14/1944
Models covered: XF15C-1.

Box 168, Folder 20 Report No. 9334, File No. none. "Spanwise Distribution of Unit Air Load Coefficients on Wing" submitted by the Structures Dept., 4/25/1944
Models covered: XF15C-1.
Models covered: XF15C-1.

Models covered: XF15C-1.

Models covered: XF15C-1.

Report No. 9338, File No. none. "Wing Shears Bending Moments & Torques" submitted by the Structures Dept., 8/10/1944
Models covered: XF15C-1.

Models covered: XF15C-1.

Models covered: XF15C-1.

Models covered: XF15C-1.

Models covered: XF15C-1.

Models covered: XF15C-1.

Models covered: XF15C-1.

Models covered: P-40N-30CU #4030.


Models covered: C-46 #603.

Report No. 9357, File No. none. "Wing Dead Weight Dist. & Fuse. Panel Point" submitted by C. Church, 4/1/1944
Models covered: XF15C-1.

Box 170, Folder 6
Models covered: XP-40N.

Box 170, Folder 7
Models covered: P-40.

Box 170, Folder 8
Models covered: P-40.

Box 170, Folder 9
Report No. 9361, File No. none. "Calculated Moments of Inertia" submitted by C. Church, 4/21/1944
Models covered: XF15C.

Box 170, Folder 10
Report No. 9362, File No. none. "Tail Flutter Analysis" submitted by the Structures Dept., 1/16/1945
Models covered: XF15C-1.

Box 170, Folder 11
Models covered: XF15C-1.

Box 170, Folder 12
Models covered: XF15C-1.

Box 170, Folder 13
Models covered: XF15C-1.

Box 170, Folder 14
Models covered: XF15C-1.

Box 170, Folder 15
Models covered: P-40N-30CU #4201.

Box 170, Folder 16
Models covered: P-40N-30CU #4201.

Box 170, Folder 17
Models covered: P-40N-30CU #4201.

Box 170, Folder 18
Models covered: P-40N-30CU #4201.
Models covered: C-46.

Models covered: C-46A.

Box 171, Folder 1  Report No. 9374, File No. none. "Summary of Statis Tests at Wright Field [photos]" submitted by the Structures Dept., 6/14/1944
Models covered: C-46.

Models covered: C-46.

Models covered: C-46.

Models covered: C-46.

Models covered: P-40N.

Models covered: XP-60E.


Models covered: C-46.

Models covered: C-46A #703.

Models covered: P-40N #4414.

Models covered: P-40N-40CU.

Models covered: YP-60E.

Box 171, Folder 14  Report No. 9390, File No. none. "Hospital Litter Installation Analysis" submitted by the Structures Dept., 7/15/1944
Models covered: C-46.

Models covered: C-46 #143.

Models covered: XF15C-1.

Models covered: XF15C-1.

Models covered: C-46A.

Box 171, Folder 19  Report No. 9400, File No. none. "Analysis of Stability & Control Data from Tests of the 0.14 Scale Model in the Curtiss 8 foot Wind Tunnel [photos]" submitted by Harold O. Wendt, 7/12/1944
Models covered: XF15C-1.

Box 171, Folder 20  Report No. 9401, File No. none. "Flight Test - Brake Metering Valve [photos]" submitted by H. Madison, 10/7/1944
Models covered: C-46A.

Models covered: C-46.

Box 171, Folder 22  Report No. 9406, File No. none. "Temperature Effect on Torque & Leakage of Oil Shut-Off Valves" submitted by Hydraulic Laboratory, 9/2/1944

Models covered: C-46.

Models covered: XF15C-1.

Box 172, Folder 2  Report No. 9409, File No. none. "Pressure Distribution over the Airplane & its Component Protuberances" submitted by the Structures Dept., 9/29/1944
Models covered: XF15C-1.

Models covered: P-40N-35-CU #4766.

Models covered: XF15C-1.

Box 172, Folder 5  Report No. 9414, File No. none. "Landing Gear Retracting & Uplock Analysis" submitted by the Structures Dept., 4/2/1945
Models covered: XF15C-1.


Models covered: C-46 #1049.

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Models covered: P-40N #4907.

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Box 172, Folder 15  Report No. 9424, File No. none. "Flight Test of Surface Combustion Heater Installation" submitted by M. Kiehle, 10/1/1944
Models covered: C-46A.

Box 172, Folder 16  Report No. 9425, File No. none. "Rate of Roll & Stick Forces as Determined from Wind Tunnel Tests of 0.4 Scale Outer Wing Panel" submitted by M.A. Landis, 10/5/1944
Models covered: XF15C-1.

Box 172, Folder 17  Report No. 9426, File No. none. "Flight Tests" submitted by W. Van Aradale, 10/7/1944

Box 173, Folder 1  Report No. 9427, File No. none. "Flight Tests [photos]" submitted by C.P. Dudzik, 10/7/1944

Box 173, Folder 2  Report No. 9429, File No. none. "Estimated Weight & Balance" submitted by F. Beach, 10/7/1944
Models covered: C-46-D-10CU.

Models covered: P-40N-40-CU #5001.

Box 173, Folder 4  Report No. 9432, File No. none. "Fuselage Analysis (Troop Carrier Command Modification Supplement)" submitted by the Structures Dept., 10/16/1944
Models covered: C-46D.

Box 173, Folder 5  Report No. 9432A, File No. none. "Drawing Check (Troop Carrier Command Modification)", 8/22/1944
Models covered: C-46A.

Models covered: C-46A.


Models covered: C-46D-5-CU #1218.


Models covered: XF15C-1.

Box 174, Folder 3  Report No. 9456, File No. none. "Static Test of Vertical Tail Surfaces & Fuselage" submitted by the Engineering Dept., 7/26/1945
Models covered: XF15C-1.

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Box 174, Folder 7  Report No. 9469, File No. none. "Static Test of Nose Gear" submitted by the Engineering Dept., 10/9/1945
Models covered: XF15C-1.

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Box 174, Folder 12  Report No. 9478, File No. none. "Static of Failure of Bolts in Shear" submitted by the Engineering Dept., 9/12/1945
Models covered: XF15C-1.

Models covered: XF15C-1.

Models covered: XF15C-1.
Models covered: C-46. |
| Box 174, Folder 16 | Report No. 9487, File No. none. "Mean Aerodynamic Chord Determination (Straight Taper Wing)" submitted by C. Church, 12/22/1944  
Models covered: XA-43. |
Models covered: C-46D-10CU #1574. |
Models covered: XF15C-1. |
Models covered: XA-43. |
| Box 174, Folder 21 | Report No. 9494, File No. none. "Wing Dead Weight Distribution & Fuselage Panel Point" submitted by C. Church & J. Bingham, 1/17/1945  
Models covered: XA-43. |
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Models covered: XA-43. |
| Box 174, Folder 24 | Report No. 9497, File No. none. "Phase I - Determination of Tail Loads" submitted by the Structures Dept., 2/12/1945  
Models covered: XA-43. |
Models covered: XA-43. |
| Box 174, Folder 26 | Report No. 9500, File No. none. "Calculated Moments of Inertia" submitted by V.T. Leehy, 2/1/1945  
Models covered: XA-43. |
Models covered: XF15C-1. |
Models covered: XA-43.

Box 175, Folder 3  Report No. 9507, File No. none. "Transport Cargo, Two Engine [no title page]" submitted by I. Bruner, 2/12/1945
Models covered: C-46.

Box 175, Folder 4  Report No. 9507A, File No. none. "Transport Cargo, Two Engine" submitted by H.J. Kabel, 8/9/1945
Models covered: C-46.

Box 175, Folder 5  Report No. 9507B, File No. none. "Transport Cargo, Two Engine" submitted by H.J. Kabel, 8/31/1945
Models covered: C-46.


Box 175, Folder 8  Report No. 9512, File No. none. "Static Test of Arresting Gear & Carry Through Structure [photos]" submitted by the Engineering Dept., 4/19/1945
Models covered: XF15C-1.

Box 175, Folder 9  Report No. 9513, File No. none. "General Column Analysis" submitted by the Structures Dept., 3/28/1945

Box 175, Folder 10 Report No. 9514, File No. none. "Instrumentation & Structural Flight Program for Preliminary Demonstration [photos]" submitted by the Structures Dept. & Flight Test, 6/14/1945
Models covered: XF15C-1.


Models covered: C-46.

Models covered: XF15C-1 #1.

Models covered: C-46D-20CU #2286.
Box 175, Folder 15
Report No. 9525, File No. none. "Battery Location Considerations for Jet Powered Airplanes" submitted by H. Maynard, 6/16/1945

Box 175, Folder 16
Models covered: Navy 'Lark'.

Box 175, Folder 17
Models covered: 'Lark'.

Box 175, Folder 18
Models covered: XF15C-1.

Box 175, Folder 19
Models covered: XF15C-1 #1.

Box 175, Folder 20
Models covered: XF15C-1 #1.

Box 175, Folder 21
Models covered: XF15C-1 #1.

Box 175, Folder 22
Report No. 9531, File No. none. "Mean Aerodynamic Chord Determination (Straight Taper Wing)" submitted by the Weight Dept., 6/30/1945
Models covered: XA-43.

Box 175, Folder 23
Report No. 9532, File No. none. "Wing Dead Weight Distribution & Fuselage Panel Point" submitted by the Weight Dept., 7/10/1945
Models covered: XA-43.

Box 175, Folder 24
Models covered: XA-43.

Box 175, Folder 25
Models covered: XA-43.

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Box 175, Folder 27
Report No. 9538-1, File No. none. "Investigation of the use of International Business Machines for Technical Computations" submitted by J.B. Scalzi, 8/7/1945
Box 175, Folder 28  Report No. 9538-2, File No. none. "Investigation of the use of International Business Machines for Technical Computations - Procedures" submitted by J.B. Scalzi, 10/12/1945

Box 176, Folder 1  Report No. 9539, File No. none. "Calculated Moments of Inertia" submitted by G. Weaver & J. Bingham, 7/12/1945
Models covered: XA-43 Phase II.

Box 176, Folder 2  Report No. 9540, File No. none. "Rear Fuel Tanks & Tank Installation Vibration Test" submitted by the Engineering Dept., 7/12/1945
Models covered: XF15C-1.

Box 176, Folder 3  Report No. 9541, File No. none. "Analysis of Preliminary Data on Tests of the NACA 66(109)-210, a = 1.0 Airfoil (Modified Trailing Edge) with Single Slotted Flap at the GALCIT Two - Dimensional Wind Tunnel" submitted by Wilbur H. Day, 7/28/1945

Models covered: C-46F-1-CU #2490.

Box 176, Folder 5  Report No. 9544, File No. none. "Static Destruction Test of Fuselage Forward Attachment Fitting" submitted by the Engineering Dept., 9/10/1945
Models covered: XF15C-1.

Models covered: Navy 'Griffin'.

Models covered: 'Griffin'.

Box 176, Folder 8  Report No. 9547, File No. none. "Elevator Counterbalance Failure [photos]" submitted by the Structures Dept., 7/28/1945
Models covered: C-46F #2477.


Models covered: P-1035.

Box 176, Folder 11 Report No. 9569, File No. none. "Pressure Tests on 8' Fuselage Model" submitted by M.H. Kiehle, 9/19/1945
Models covered: XA-43.

Box 176, Folder 13  
Models covered: XTDC-1 'Drone'.

Box 176, Folder 14  
Models covered: XTDC-1.

Box 176, Folder 15  

Box 176, Folder 16  
Models covered: XF15C-1.

Box 176, Folder 17  
Models covered: C-46F-1-CU #2710.

Box 176, Folder 18  

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Models covered: XA-43.

Box 176, Folder 22  

2.3: St. Louis, Missouri Plant Reports, 1916-1945
The St. Louis reports are various tests performed at the Curtiss-Wright Plant in St. Louis on different Curtiss aircraft models and equipment.

This subseries was arranged by report number.

Box 178, Folder 1  
"Three View Drawing", undated  

Box 178, Folder 2  
Report No. 20-A2, "General Analysis of 'Curtiss Wright Twenty' with 2 Wright GR-20600-A2 Engines--Part II" submitted by the Structures Dept./Div., 2/5/1938  
Box 178, Folder 3  Report No. 20-A6, "General Analysis" submitted by the Structures Dept./Div., 7/5/1945
Models covered: CW20E-2A. Curtiss-Wright models covered: CW20E-2A.

Box 178, Folder 4  Report No. 20-B1, "Weight and Balance Estimate" submitted by L.F. Engelhardt, 7/12/1937

Box 178, Folder 5  Report No. 20-B2, "Weight Balance Estimate No. 2" submitted by G.H. Stark, 7/26/1937

Box 178, Folder 6  Report No. 20-B3, "Weight and Balance Estimate and Load Distribution" submitted by C.R. McWhorter, 9/20/1937

Box 178, Folder 7  Report No. 20-B4, "Weight and Balance Changes Attributed to Nose Wheel Installation" submitted by Vander Byl and Stark, 11/10/1937

Box 178, Folder 8  Report No. 20-B5, "Weight and Balance Changes Due to Replacement of GR-2600 Engines by Duplex Engines" submitted by Stark & McWhorter, undated

Box 178, Folder 9  Report No. 20-B6, "Dynamic and Static Balance Calculations for Rudder, Elevator, and Aileron" submitted by C.R. McWhorter, 8/15/1939

Box 178, Folder 10  Report No. 20-B7, "Estimated Eight and Balance--Second Edition" submitted by G.R. McWhorter, 2/22/1940

Box 178, Folder 11  Report No. 20-B8, "Estimated Weight for Proposed Cargo Version" submitted by C.R. McWhorter, 4/17/1940


Box 178, Folder 13  Report No. 20-B11, "Fuselage Load Distribution" submitted by C.E. Stephens, 9/6/1940

Box 178, Folder 14  Report No. 20-B12, "Determination of Balance Coefficients for Type II Controls" submitted by Pengelley & Ames, 10/8/1940

Box 178, Folder 15  Report No. 20-B14, "Estimated Group Weight Statements, Balance Diagram and Empty Weight & Balance Breakdown" submitted by C.E. Stephens, 2/5/1941


Box 178, Folder 17  Report No. 20-B16, "Weight and Balance Estimate" submitted by Byron Freeman, 8/20/1941
Models covered: CW20-D. Curtiss-Wright models covered: CW20-D.

Box 178, Folder 18  Report No. 20-B17, "Gross Weight and Useful Load Arrangements" submitted by Byron Freeman, 9/16/1941
Models covered: CW20-D. Curtiss-Wright models covered: CW20-D.

Box 178, Folder 19  Report No. 20-B18, "Calculated Weight and Balance--Master Breakdown" submitted by R.R. Hajek, 12/15/1941

Box 178, Folder 20  Report No. 20-B19, "Weight and Balance Estimate" submitted by J.W. Schiermeier, 11/25/1941

Box 178, Folder 21  Report No. 20-B20, "Calculated Weight and Balance" submitted by R.R. Hajek, 3/14/1942

Box 179, Folder 1  Report No. 20-B21, "Determination of Balance Coefficients for Control Surfaces" submitted by C.E. Stephens, 3/9/1942

Box 179, Folder 3  Report No. 20-C17, "Flap Analysis" submitted by Shumaker, 1/6/1945

Box 179, Folder 4  Report No. 20-D1, "Vertical Tail Surface Analysis of Curtiss-Wright Twenty 34 P.C.L.M. with 2 Wright GR-2600-B5 Engines (Volume 1 of 2 volumes)" submitted by R.W. Lessard, 11/20/1939

Box 179, Folder 5  Report No. 20-D2, "Vertical Tail Surface Analysis of Curtiss-Wright Twenty 34 P.C.L.M. with 2 Wright GR-2600-A2 Engines--Volume I" submitted by Dashefsky, Lessard, McNitt & Sharp, 11/22/1939

Box 179, Folder 22  Report No. 20-C14, "Wing Analysis of Flaps and Flap Supports (2 folders - pages 486 to 490 are missing)" submitted by H. Drumm, 1/27/1942

Box 180, Folder 1  Report No. 20-D2, "Horizontal Tail Surface Analysis of Curtiss-Wright Twenty 34 P.C.L.M. with 2 Wright GR-2600-A2 Engines--Volume II" submitted by Dashefsky, Lessard, McNitt & Sharp, 11/22/1939
Box 180, Folder 2
Report No. 20-D3, "Stabilizer Center Section and Rear Fuselage Analysis of Curtiss-Wright Twenty 34 P.C.L.M. with two Wright GR-2600-B5 Engines" submitted by Dashefsky, Lessard, McNitt, & Cline, 11/27/1939

Box 180, Folder 3
Report No. 20-D4, "Vertical Tail Surface Analysis of Curtiss-Wright 20 Type II" submitted by Bartnick, Owen, & Lessard, 9/28/1940

Box 180, Folder 4
Report No. 20-D5, "Tab Effects on Horizontal Surfaces" submitted by G.G. Davidson, 9/30/1940

Box 180, Folder 6
Report No. 20-D8, "Rudder Flutter" submitted by Felix Nagel, 3/10/1941

Box 180, Folder 7
Report No. 20-D11, "Vertical Tail Surfaces Analysis" submitted by the Structures Dept./Div., 3/16/1942

Box 180, Folder 55
Report No. 20-D5, "Horizontal Tail Surface Analysis of CW20 Type II (2 folders)" submitted by the Structures Dept./Div., 10/1/1940

Box 181, Folder 2
Report No. 20-D15, "Vertical Tail Surface Analysis--Spring Tab Rudder" submitted by the Structures Dept./Div., 2/23/1945
Models covered: C46-E. Curtiss-Wright models covered: C46-E.

Box 181, Folder 3
Report No. 20-D16, "Aileron Analysis " submitted by Shumaker, 12/12/1944
Models covered: C46-E. Curtiss-Wright models covered: C46-E.

Box 181, Folder 11
Report No. 20-D12, "Aileron Analysis (2 folders)" submitted by H.H. Drumm, 3/14/1942

Box 182, Folder 1
Report No. 24-D2, "Stress Analysis of Nose Elevator with 7400lb Load" submitted by M. Ames, J. Hall & D. Chryst, 7/23/1943
Models covered: XP55.

Box 182, Folder 2
Report No. 24-D3, "Vertical Tail Surface Stress Analysis" submitted by D. Berlin, 9/16/1943
Models covered: 24, XP55.

Box 182, Folder 3
Report No. 24-D4, "Stress Analysis of Nose Elevator with 3,700lb Load" submitted by R. Lessard & J. Hall, 10/20/1943
Models covered: XP55.

Box 182, Folder 4
Report No. 24-E1, "Engine Mount Analysis" submitted by Siroky, 8/7/1943
Models covered: 24, XP55.

Box 182, Folder 5
Report No. 24-G1, "Landing Gear Analysis" submitted by W. Dickman, 9/15/1941
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Box 183, Folder 1 Report No. 24-J3, "Fuselage Nose Section Analysis" submitted by the Structure Group, 12/17/1943 Models covered: 24, XP55.


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Box 184, Folder 1  Report No. 24-R2, "Cooling Fan" submitted by J. Sawyer, 10/9/1942  
Models covered: 24, XP55.

Box 184, Folder 2  Report No. 24-R3, "Heat Loss Calculations" submitted by K. Verdegem, 10/31/1942  
Models covered: 24, XP55.

Box 184, Folder 3  Report No. 24-R4, "Design of Flutter Model" submitted by Flutter Group, 5/16/1943  
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Box 184, Folder 4  Report No. 24-R5, "Wind Tunnel Tests of Flutter Model" submitted by A. Ostroff, 11/24/1942  
Models covered: 24, XP55.

Box 184, Folder 5  Report No. 24-R6, "Calculated Frequencies for Wing" submitted by A. Ostroff & D. Benun, 12/10/1942  
Models covered: XP55.

Box 184, Folder 6  Report No. 24-R7, "Symmetrical Bending Frequency of Fin and Rudder" submitted by A. Ostroff, 12/9/1943  
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Box 184, Folder 7  Report No. 24-R8, "Dynamic Balance Calculations for Rudder" submitted by H.C. Johnson, 5/18/1943  
Models covered: XP55.

Box 184, Folder 8  Report No. 24-R9, "Experimental Determination of Mass Characteristics of Control Surfaces - Ship #1" submitted by H.C. Johnson & D. Benun, 7/6/1943  
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Box 184, Folder 9  Report No. 24-R11, "Technique of Vibrating Preloaded Aileron Spring Tabs" submitted by H.C. Johnson, 1/7/1944  
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Box 184, Folder 10  Report No. 24-R12, "Charge card reading [24-R-12 Original filed with rolled tracing in safe third row from the bottom]", undated  
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Box 184, Folder 11  Report No. 24-R13, "Equivalent Moments of Inertia of Aileron Control System and Elevator Control System" submitted by M. Lemcoe, 5/5/1944  
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Box 184, Folder 12  Report No. 24-R14, "Aileron - Spring Tab Flutter Analysis" submitted by W.R. Griffin, 6/10/1944
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Box 184, Folder 13  Report No. 24-S1, "Design Refinement to Save Weight" submitted by L.F. Engelhardt, 5/31/1943

Box 184, Folder 14  Report No. 24-S3, "Analysis of Elevator Wing Tunnel Model Supporting Structure" submitted by E.F. Peters, 7/24/1943
Models covered: XP55.

Box 184, Folder 15  Report No. 24-T1, "Experimental Determination of Elastic Axes of the Motor Mount" submitted by M. Loren Wood, 10/28/1941
Models covered: 24-B.

Box 184, Folder 16  Report No. 24-T2, "Proof Test of the Control System and Surfaces" submitted by W. Dickman, 11/12/1941
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Box 184, Folder 17  Report No. 24-T3, "Wing Vibration Test" submitted by M. Loren Wood, 6/23/1942
Models covered: 24B.

Box 184, Folder 18  Report No. 24-T4, "Static Wing Test" submitted by Test Group, 7/8/1942
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Box 184, Folder 19  Report No. 24-T5, "Destruction Test - Longeron Fitting" submitted by C.A. Bischoff, 9/29/1942

Box 184, Folder 20  Report No. 24-T6, "Destruction Test - Throttle Control Red" submitted by J. Charleville, 11/20/1942

Box 184, Folder 21  Report No. 24-T7, "Destruction Test of Wing Nose ribs" submitted by I. Cohen, 2/13/1943

Box 184, Folder 22  Report No. 24-T7, "Proof Test - Flap" submitted by F.R. Cournoyer, 4/26/1943

Box 184, Folder 23  Report No. 24-T9, "Proof Test of Aileron" submitted by C.A. Bischoff, 4/30/1943

Box 184, Folder 24  Report No. 24-T10, "Strength Test of Wing Splice" submitted by C.A. Bischoff, 4/15/1943
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Box 184, Folder 25  Report No. 24-T11, "Proof Test of Armament Access Door" submitted by W.A. Yoder, 5/20/1943
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Box 184, Folder 26  Report No. 24-T12, "Calibration of Fuel Tank" submitted by Roland A. Kick, undated
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Box 184, Folder 27  Report No. 24-T13, "Strength Test of Lower Surface Door Splice, Wing Sta. 133" submitted by C.A. Bischoff, 5/27/1943
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Box 184, Folder 28  Report No. 24-T14, "Proof Test of Fin and Rudder" submitted by F. Cournoyer, 6/2/1943
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Box 184, Folder 29  Report No. 24-T15, "Proof Test of the Elevator - Type I" submitted by W.A. Yoder, 7/7/1943
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Box 184, Folder 30  Report No. 24-T16, "Proof Test of Fuel Tank Bay Hatch Assembly" submitted by W.A. Yoder, 7/7/1943
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Box 184, Folder 31  Report No. 24-T17, "Destruction Test of Main Landing Gear Assembly" submitted by C.A. Bischoff, 7/26/1943

Box 184, Folder 32  Report No. 24-T18, "Operation Test of Propeller Jettison Device" submitted by C.A. Green, 10/30/1943

Box 184, Folder 33  Report No. 24-T19, "Proof Test of Sliding Enclosure" submitted by C.A. Bischoff, 8/7/1943

Box 184, Folder 34  Report No. 24-T20, "Vibration Test of Oil Tank" submitted by F.R. Cournoyer, 9/28/1943
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Box 184, Folder 35  Report No. 24-T21, "Vibration Test of Coolant Expansion Tank" submitted by F.R. Cournoyer, 10/1/1943
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Box 184, Folder 36  Report No. 24-T22, "Proof Test Nose Gear and Fuselage for Nose Gear Loadings" submitted by J.I. Kistle, 10/9/1943
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Box 185, Folder 1  Report No. 24-T23, "Proof and Operation Test of Flap System" submitted by C.A. Bischoff, 10/23/1943
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Box 185, Folder 2  Report No. 24-T24, "Electrically Operated, Synchronized, and Interlocked Wing Flap Drive" submitted by E.K. Campbell, 10/25/1943
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Box 185, Folder 3  Report No. 24-T25, "Compression Test of Lower Fuselage Keel Cap - Aft Section" submitted by Roland A. Kick, 11/2/1943  Models covered: XP55.


Box 185, Folder 7  Report No. 24-T29, "Operation Test of Nose Gear and Main Landing Gear" submitted by Roland A. Kick, 1/5/1944  Models covered: XP55.


Box 185, Folder 9  Report No. 24-T31, "Proof Test of Aileron Spring Tab Control System - Ship No. 2" submitted by W.A. Yoder, 1/30/1944  Models covered: XP55.


Box 185, Folder 16  Report No. 24-V5, "Alphabetical Index of Drawings" submitted by C.E. Durham, 2/20/1945
Models covered: XP55.

Box 185, Folder 17  Report No. 24-W1, "Actual Weight and Balance for Full Scale Flying Model" submitted by H.H. Bolton, 11/3/1941
Models covered: 24B.

Box 185, Folder 18  Report No. 24-W2, "Preliminary Actual Weight and Balance Report No. 24-W2" submitted by D.M. Classen, 7/7/1943
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Box 185, Folder 19  Report No. 24-W3, "Final Actual Weight and Balance - Ship #1" submitted by D.M. Classen, 22/15/1943
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Box 185, Folder 20  Report No. 24-W4, "Actual Weight and Balance - Ship #2" submitted by D.M. Classen, 1/6/1944
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Box 185, Folder 21  Report No. 24-W4, "Actual Weight and Balance - Ship #3" submitted by B. Wilson, 5/13/1944
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Box 185, Folder 22  Report No. 24-W6, "Final Actual Weight and Balance - Ship #3" submitted by B. Wilson, 9/29/1944
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Box 185, Folder 23  Report No. 24-X1, "Flight Test Program at Muroc Dry Lake" submitted by L.B. Rumph, 10/31/1941
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Models covered: 24B.

Box 186, Folder 1  Report No. 24-X2, "Flight Tests - Volume I" submitted by C.W. Scott, 11/27/1941
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Box 186, Folder 2  Report No. 24-X2, "Flight Tests - Volume II" submitted by C.W. Scott, 2/5/1942
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Box 186, Folder 4  Report No. 24-X3, "Summary of Flight Test Results" submitted by L.B. Rumph & J.L. Fredrick, 8/14/1942
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Box 186, Folder 5  Report No. 24-X4, "Flight Test Collection Report for Model No. 1 - Volume I" submitted by H.W. Henderson, 4/6/1944
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Report No. 24-Y1, "Forces Produced by a Propeller in Yaw" submitted by R.J. White & H.R. Grumman, 10/13/1941
Models covered: XP55.

Box 187, Folder 2
Report No. 24-Y2, "Preliminary Propeller Design" submitted by F.R. Weymouth, 7/18/1940

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Report No. 24-Y5, "Basic Wind Tunnel Tests on a 1/4 Scale - Volume II" submitted by Hurkamp, 3/10/1941
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Box 187, Folder 7
Report No. 24-Y6, "Aerodynamic Analysis of Wind Tunnel Tests on a 1/4 Scale Powered Model and Presentation of Typical Tunnel Results" submitted by Tangren, Hurkamp, Rumph, Butterworth, 3/14/1941
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Box 188, Folder 2
Report No. 24-Y9, "Determination of Tab Hinge Moment for a Freely Floating Airfoil Section with Tab" submitted by W.C. Gaskill & F. Nagel, undated
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Box 188, Folder 2
Report No. 24-Y10, "Stick Force Characteristics" submitted by R.F. Tangren, 10/30/1941
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Box 207, Folder 15 Report No. P-224-Y1, "Weight and Performance Study - Transport Model" submitted by Engelhardt & Lombard, 12/13/1935


Box 207, Folder 17 Report No. P-224-Z1, "Detail Descriptive Specification - Transport Model", 12/13/1935

Box 207, Folder 18 Report No. P-225-Y1, "Weight and Performance Study - Army Cargo Transport Model" submitted by A.E. Lombard, Aerodynamics, 1/7/1936

Box 207, Folder 20  Report No. P-228, "Characteristics Sheet - Twin Engine 3 Place Low Wing Monoplane" submitted by Perkins, 5/8/1936

Box 207, Folder 21  Report No. P-229-Y1, "Weight Estimate - Transport Model" submitted by L. Engelhardt, 6/10/1936


Box 207, Folder 30  Report No. P-232-Z1, "Specifications for a 4 Engine Pressure Cabin Transport Airplane to be Manufactured Pursuant to an Equipment Agreement between Curtiss-Wright Airplane Co. and Transcontinental and Western Air, Inc." submitted by Kendall Perkins, 8/18/1936


Box 207, Folder 42  Report No. P-239-F1-1, "Description and Estimated Performance - Cargo Version of the CW-20", undated
Box 207, Folder 43  Report No. P-239-F1-2, "Description and Performance - Cargo Version of the CW Air Transport", undated

Box 207, Folder 44  Report No. P-239-F1-3, "Description and Estimated Performance - Cargo Version of the CW Air Transport", undated

Box 207, Folder 45  Report No. P-239-Y1, "Performance Estimate - Cargo Plane Proposal" submitted by Frederick R. Weymouth, 10/20/1938


Box 207, Folder 47  Report No. P-239-Z1, "Outline of Characteristics - Cargo Airplane Export" submitted by M.A. Rhoads, 10/20/1938


Box 208, Folder 1  Report No. P-239-Z11, "Outline of Characteristics - Cargo Airplane - Domestic" submitted by M.A. Rhoads, 10/20/1938

Box 208, Folder 2  Report No. P-240-B1, "Preliminary Weight Estimate and Comparison with Model 20" submitted by C.R. McWhorter, 11/15/1939

Box 208, Folder 3  Report No. P-240-Y1, "General Performance Estimate" submitted by O.E. Holt, 2/5/1940


Box 208, Folder 6  Report No. P-245-1, "Estimated Weight and Balance", 5/18/1939

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Report No. P-247-1, "[Characteristics Sheet and Group Weight Statement]" submitted by Davidson, 5/1/1940

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Report No. P-250-Y1, "Characteristics Sheet - Navy Interceptor" submitted by Davidson, 4/26/1940  

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Box 209, Folder 4  

Box 209, Folder 5

Box 209, Folder 6
Report No. P-253-B1, "Estimated Group Weight Statements and Balance Diagrams" submitted by C.R. McWhorter, 6/10/1940

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Box 209, Folder 14
Report No. P-257-Z1, "Preliminary Specification - Pursuit Interceptor, Single Place" submitted by G.B. Telfair, 8/14/1941

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Box 209, Folder 16
Report No. P-259-B1, "Weight and Balance Estimate" submitted by Byron Freeman, 9/2/1941
Box 209, Folder 17  

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Report No. P-268-M1, "Gear Box Design - Multi-Engine Drive" submitted by L.F. Engelhardt, 2/2/1944  

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Report No. P-272-N1, "Conversion 45,000 Pound C-46 Cargo to P-272 Transport" submitted by H.R. Moles, 1/3/1942  

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Box 210, Folder 1

Box 210, Folder 2
"[Condensed Report - Cargo Transport]", undated

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Report No. P-274-F1, "Payload and Operating Cost - Cargo Transport" submitted by W. Forster, 3/18/1943

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Report No. P-274-Z1, "Comparison Studies - 4-Engine Cargo Transports" submitted by L.B. Rumph and L.F. Englehardt, 9/30/1942

Box 210, Folder 11
Report No. P-274-Z2, "Description of Curtiss St. Louis Cargo Transport" submitted by L. Engelhardt, 3/20/1943

Box 210, Folder 12  
Report No. P-275-B1, "Preliminary Weight Estimate" submitted by C.R. McWhorter, 8/1/1942  

Box 210, Folder 13  
Models covered: P276 Type I. Curtiss-Wright models covered: P276 Type I.

Box 210, Folder 14  

Box 210, Folder 15  
Report No. P-276-Y1, "Preliminary Performance Estimate - Single Place Army Attack Dive Bomber" submitted by J.L. Frederick, 9/13/1942  

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Report No. P-278-B1, "Preliminary Weight Estimate" submitted by C.R. McWhorter, 10/5/1942  

Box 210, Folder 19  
Report No. P-278-B2, "Estimated Weight and Balance" submitted by E. Painter, 12/10/1942  

Box 210, Folder 20  
Report No. P-278-Z1, "Characteristic Summary - Attack Bomber, Single Place" submitted by C.W. Burkland, 12/16/1942  

Box 210, Folder 21  
Report No. P-279-B1, "Weight and Balance Estimate" submitted by E.D. Painter, 1/18/1943  

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Report No. P-282-B1, "Weight Estimate" submitted by C. Wirtanen & E. Painter, 10/23/1943

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Box 211, Folder 6  
Report No. P-283-Z2, "Descriptive Drawings (contains only a memoranda reading 'This report is inactive - Originals are filed with G.B. Telfair'"), undated  

Box 211, Folder 7  

Box 211, Folder 8  
Report No. P-291-Z1, "Descriptive Data on Curtiss-Wright Proposal P-291 Compared with the C-46 Airplane" submitted by the Engineering Dept., 4/12/1944  

Box 211, Folder 9  
Report No. P-291-Z2, "Detail Specification (report cover is marked 'Obsolete')" submitted by G.B. Telfair, 10/18/1944  

Box 211, Folder 10  
Report No. P-292-Z1, "Description and Characteristics" submitted by the Engineering Dept., 5/25/1944  

Box 211, Folder 11  

Box 211, Folder 12  
Report No. P-293-Z1, "Description and Characteristics" submitted by the Engineering Dept., 5/25/1944  

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Box 211, Folder 14  
Report No. P-296-Z1, "Description and Characteristics" submitted by the Engineering Dept., 5/25/1944  

Box 211, Folder 15  

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Box 211, Folder 17  
Report No. P-298-Z1, "General Description - Military Personnel Transport CW-20 Type", 7/11/1944  
Box 211, Folder 18  

Box 211, Folder 19  
Models covered: XC-46B. Curtiss-Wright models covered: XC-46B.

Box 211, Folder 20  
Report No. P-302-Z1, "Descriptive Data and Drawings", 11/16/1944  

Box 211, Folder 21  

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Box 211, Folder 23  
Report No. P-304-Z1, "Description and Characteristics" submitted by C.H. Hurkamp, 3/31/1945  

Box 211, Folder 24  
Report No. P-305-Z1, "General Description - Military Personnel Transport, CW-20 Type" submitted by G.B. Telfair, 2/7/1945  

Box 211, Folder 25  
Report No. P-305-Z2, "Descriptive Data and Drawings" submitted by the Specifications Group, 3/16/1945  

Box 211, Folder 26  
Report No. P-306-Z1, "Descriptive Data and Drawings" submitted by the Specifications Group, 4/23/1945  

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Box 212  
Report No. R-21, "R-21 report missing", undated

Box 212, Folder 1  

Box 212, Folder 2  
Report No. P-1506-Z1, "Preliminary Specifications - Short Haul Transport" submitted by Louisville Engineering Department, 11/22/1943  

Box 212, Folder 3  
Report No. P-1507-B1, "Preliminary Weight Estimate - Feeder Line Transport" submitted by Zehnder, 12/14/1943  
Box 212, Folder 4

Report No. P-1507-F1, "Preliminary Operating Cost Analysis - Feeder Line Transport" submitted by M. Bowen, 12/15/1943

Box 212, Folder 5

Report No. P-1507-V1, "Estimated Engineering Costs to Prepare a Formal Proposal for the P-1507 Airplane for Presentation to the Airlines" submitted by A.G. Aycock, 12/18/1943

Box 212, Folder 6


Box 212, Folder 7


Box 212, Folder 8

Report No. P-1509, "Cargo Design Proposal" submitted by Engineering Department, 4/8/1944

Box 212, Folder 9

Report No. P-17910, "Cherry Blind Rivets" submitted by AGB/MB, 6/1/1942

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Box 212, Folder 11

"Index - 'R' Reports", 8/31/1937

Box 212, Folder 12

Report No. R-1, "Air Conditioning as used by the Piccards in Stratosphere Ascension applied to Large Airplane Cabin to Study Possible Weight of Such Equipment" submitted by E.E. Green, 4/8/1935

Box 212, Folder 13


Box 212, Folder 14


Box 212, Folder 15


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Report No. R-9, "Estimate of Number of Air Transports Required by 1940" submitted by Kendall Perkins, undated


Report No. R-16, "Reasons for Proposing a Twenty Berth Transport" submitted by Kendall Perkins, 7/6/1936

Report No. R-17, "Large Wing Versus Small Wing" submitted by H.D. Fowler, 8/1/1936

Report No. R-18, "Mold Loft Practice" submitted by E.M. Flesh, 9/2/1936


Report No. R-20, "Weights of Cantilever Wings" submitted by A.E. Lombard, 1/19/1937


Box 213, Folder 3  Report No. R-30, "Description of the Lantern Slides for Technological Development of the Curtiss-Wright 'Coupe'" submitted by A.E. Lombard, 5/7/1937

Models covered: 19-L.


Box 213, Folder 8  Report No. R-35, "Load Deflection Tests For The Determination Of The Strength of 100 degree and 78 degree Countersunk Rivets." submitted by Lief & Palmer, undated


Box 213, Folder 10  Report No. R-37, "Determination Of A Desirable Hat Section" submitted by Schuyler & Barkey, 9/9/1937

Box 213, Folder 11  Report No. R-38, "Stress Distribution In Stiffened Panels Under Compression" submitted by E.E. Sechler - California Institute of Technology, copied 02/19/1937

Box 213, Folder 12  Report No. R-39, "Test Of Automobile Electrical Starter Switches and Solenoid Relays", undated


Box 213, Folder 17  Report No. R-44, "Load Deflection Tests For The Determination Of The Strength Of 1/8 Inch 100 degree And 78 degree Head A17St Drill Countersunk Riveted Joints." submitted by M. Lief & A.E. Palmer, 1/12/1938


Box 213, Folder 20  Report No. R-47, "Weight Considerations In Advanced Design" submitted by J.H. Gunning, 1/1/1938
Models covered: Douglas.

Curtiss-Wright models covered: Model 20.

Curtiss-Wright models covered: Model 19R.

Box 213, Folder 23  Report No. R-50, "Determination of the value of preparing the surfaces of metal parts before applying protective coatings and the determination of the qualities of miscellaneous protective coatings by subjecting metal parts to the salt spray test." submitted by W.J. Moulder, 5/26/1938

Box 214  Report No. R-61, "R-61 report missing", undated

Box 214  Report No. R-71 to R-76, "R-71 to R-76 reports missing", undated

Box 214  Report No. R-86, "R-86 report missing", undated

Box 214, Folder 1  Report No. R-51, "Edge Compression Tests of Sheet Metal Panels for the Determination of the Allowable Compressive Stress of Wing Hat Type Stringers" submitted by Palmer & Allred, 2/14/1939
Curtiss-Wright models covered: Model 20.

Box 214, Folder 2
Report No. R-52, "Calibration Test Of Air Speed Indicator For Trailing Bomb" submitted by William A. Sangster, 10/26/1938

Box 214, Folder 3

Box 214, Folder 4

Box 214, Folder 5

Box 214, Folder 6

Box 214, Folder 7
Report No. R-57, "Shear And Tension Tests Of Dill 'Lok-Skru’'" submitted by Bruce Carter, 1/30/1939
Curtiss-Wright models covered: Model 20.

Box 214, Folder 8

Box 214, Folder 9
Report No. R-59, "A Method For Expressing The Degree Of Static Balance Of Control Surfaces In Terms Of A Non Dimensional Coefficient" submitted by C.R. McWhorter, 3/8/1939

Box 214, Folder 10
Curtiss-Wright models covered: Model 20.

Box 214, Folder 11

Box 214, Folder 12

Box 214, Folder 13
Report No. R-64, "Test of Repair Panels 3/16 Diameter, 100 degree Countersunk Rivet" submitted by B.C. Reynolds, 8/25/1939
Curtiss-Wright models covered: Model 20.

Box 214, Folder 14

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Box 214, Folder 16
Curtiss-Wright models covered: Model 20.


Box 214, Folder 20  Report No. R-77, "Rivet Spacing On Stiffeners Of Tension Field Beams" submitted by Felix Nagel, 2/14/1941

Box 214, Folder 21  Report No. R-78, "Shell Efficiency For Compressive Loads" submitted by Felix Nagel, 3/31/1941


Box 214, Folder 24  Report No. R-81, "Automatic Cowl-Flap Control" submitted by A.H. Eicher, 6/30/1941


Box 214, Folder 26  Report No. R-83, "Recommended List Of Structures & Dynamics Symbols" submitted by F. Nagel, 8/22/1941

Box 214, Folder 27  Report No. R-84, "Power Required For Ground Vibration Of Wings" submitted by Felix Nagel & C.D. Pengelley, 09/10, 1941


Box 214, Folder 29  Report No. R-87, "Comparison Of Driving Characteristics Of Hollow End Rivets vs. Solid Rivets" submitted by H. Shieber, 10/17/1941

Curtiss-Wright models covered: S-84 Modified.

Curtiss-Wright models covered: A-25A.


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Box 215, Folder 15  Report No. S84-T11, "Destruction Test Of Outboard Leg Of A-25 'M' Frame" submitted by C.A. Bischoff, 11/30/1942

Models covered: A-25A.

Models covered: A-25A.

Models covered: A-25A.

Models covered: A-25A.

Models covered: A-25A.

Box 215, Folder 21  Report No. S84-T17, "Destruction Test Of Radio Antenna Masts - Model S84" submitted by F.R. Cournoyer, 1/26/1944

Models covered: A-25A.

Box 215, Folder 23  Report No. S84-V4-1, "Block Description For A-25A-1-CS; Airplane Numbers 1-10; Serial No. 41-18774 to 41-18783", 6/17/1944
Models covered: A-25A-1-CS.

Box 215, Folder 24  Report No. S84-V4-5, "Block Description For A-25A-5-CS; Airplane Numbers 11-50; Serial No. 41-18784 to 41-18823", 6/17/1944
Models covered: A-25A-5-CS.

Box 216, Folder 1  Report No. S84-V4-10, "Block Description Airplane NOS 51 to 110; Serial NOS 41-18824 to 41-18873 & 42-79663 to 42-79672", 6/17/1944
Models covered: A-25A-10-CS.

Box 216, Folder 2  Report No. S84-V4-15, "Block Description Airplane NOS 111 to 170; Serial NOS 42-79673 to 42-79732", 6/17/1944

Box 216, Folder 3  Report No. S84-V4-20, "Block Description Airplane NOS 171 to 410; Serial NOS 42-79733 to 42-79972", 6/17/1944
Models covered: A-25A-20-CS.

Box 216, Folder 4  Report No. S84-V4-25, "Block Description Airplane NOS 411 to 570; Serial NOS AAF 42-79973 to 42-79976", 6/17/1944

Box 216, Folder 5  Report No. S84-V4-30, "Block Description Airplane NOS 571 to 900; Serial NOS AAF 42-80133 to 42-80190", 6/17/1944
Models covered: A-25A-30-CS.

Models covered: A-25A.

Box 216, Folder 7  Report No. S84-W1, "Actual Weight and Balance Report" submitted by H.M. Dunn, 1/13/1943
Models covered: A-25A.

Models covered: A-25A.

Box 216, Folder 9  Report No. S84-W4, "Determination Of Trapped Fuel & Oil" submitted by H.M. Dunn, 5/13/1943
Models covered: A-25A.

Models covered: A-25A.

Models covered: A-25A.

Models covered: A-25A.

Models covered: A-25A.

Models covered: A-25A.

Box 216, Folder 15  Report No. S84-W10, "Actual Weight And Balance Report - Ship #571 A.A.F. No. AC42-80133" submitted by R.L. Wilson, 12/14/1943
Models covered: A-25A.

Models covered: A-25A.

Box 216, Folder 17
Models covered: A-25A.

Box 217, Folder 1
Models covered: A-25A.

Box 217, Folder 2
Models covered: A-25A.

Box 217, Folder 3
Models covered: A-25A.

Box 217, Folder 4
Models covered: A-25A.

Box 217, Folder 5
Curtiss-Wright models covered: C-W S84 (Modified).

Box 217, Folder 6

Box 218, Folder 1
Models covered: A-25A (Navy SB2C-1A).

Box 218, Folder 2
Models covered: A-25A.

Box 218, Folder 3
Models covered: A-25A.

Box 218, Folder 4
Report No. T-19, "Bending tests of 0.032 24ST Alclad formed channels." submitted by J. Charleville, 12/4/1945

Box 218, Folder 5

Box 218, Folder 6

Box 218, Folder 7
Report No. U-2, "A brief translation of 'Skin Pinning Devices' taken from a German Aircraft Magazine article.", 1/12/1938
Box 218, Folder 8  Report No. U-3, "English, French, German, Italian, Spanish translations.", 11/13/1936


Box 218, Folder 10  Report No. U-5, "Translation from 'The German Aeronautical Observer'", 5/26/1938


Box 218, Folder 12  Report No. U-7, "List--Armament Items Released for Export" submitted by C. G. Trimbach, 11/22/1939


Box 218, Folder 14  Report No. U-10, "Transcript of Group and Detail Weight Statement on Actual Weight of XP-63 from Bell Aircraft Report No. 24-942-004, dated 12/05/42", 3/4/1943
Models covered: XP-63.


Box 218, Folder 21  Report No. U-17, "Copy of Lockheed Report No. 4268 'Constellation Electrical Fire Hazards'" submitted by Lockheed Aircraft Corp, L.S. Trimble, P.R. Carlson, 9/1/1943
| Box 218, Folder 22 | Report No. V-2, "Filing and Control of Technical Data" submitted by G.B. Telfair, 10/1/1941 |
| Box 218, Folder 23 | Report No. V-2, "Preparation of Engineering Reports" submitted by H. Gunther, 6/21/1944 |
| Box 218, Folder 26 | Report No. V-17, "Procedure of Reproducing Template Contours by use of the Onsrud Router" submitted by the Template Dept., 3/24/1944 |
| Box 218, Folder 28 | Report No. V-22, "Survey of East Compass Rose on Ramp" submitted by R.G. Quest, 1/16/1945 |
| | Models covered: C-45A. |
| Box 218, Folder 34 | Report No. Z-9, "St. Louis Aluminum Alloy Forging Specification" submitted by S.G. David, 4/10/1941 |
| Box 218, Folder 35 | Report No. Z-10, "General Requirements of Airplane Passenger Chairs" submitted by W. Forster, 6/5/1941 |
| | Models covered: C-46. |
| Box 218, Folder 37 | Report No. Z-12, "Radio Station Specifications" submitted by C.W. Klenk, 12/6/1940 |
| Box 219, Folder 1 | Report No. Z-13, "Winterization Data" submitted by C.W. Burkland, 3/12/1943 |
Box 219, Folder 2  Report No. Z-14, "Double Blister Cockpit" submitted by E.P. Hall, 10/4/1943


Box 219, Folder 11 Report No. Z-3004, "Electronic Motor for Cabin Heater Blower (original contents missing--file is empty)", undated


Models covered: XP-55.


Box 219, Folder 16 Report No. Z-4502, "Specifications for Finish and Protective Coatings for SNC-1 Airplanes" submitted by D. Weinstein, 12/16/1940
Models covered: SNC-1.

Models covered: 24B.

Box 219, Folder 18
File No. 80564. "Erection Instructions for Loening C-2", undated
Models covered: Loening C-2.

Box 219, Folder 19
Models covered: D-14-B.

Box 219, Folder 20
Models covered: B14R.

Box 219, Folder 21
Models covered: 16E, A16E.

Box 219, Folder 22
Models covered: Kingbird D-3.

Box 219, Folder 23
Models covered: XSC-1.

Box 219, Folder 24

Box 219, Folder 25

Box 219, Folder 26
"Extrusion Correspondence", 3/11/1938

Box 219, Folder 27
"Instructions for Flight Testing" submitted by Kendall Perkins, 9/9/1932

Box 219, Folder 28
"Miscellaneous - Eberhard", 12/21/1929

Box 219, Folder 29
"Seaplane Analysis of Osprey" submitted by Edwin Farmham, Structures Section, 3/21/1933
Models covered: C14R, D14R.

Box 219, Folder 30
Models covered: Osprey Model C14R.

Box 219, Folder 31
Models covered: C14R.

   Models covered: C14R.

   Models covered: C14R.

   Models covered: C14R.

   Models covered: C14R.

Box 219, Folder 36  "Index of C.W. Job Numbers pertaining to Curtiss-Wright Project Specification 2-10", 4/23/1945
   Models covered: B-17.

Box 219, Folder 37  "Install Group 'B' Parts for AN/APN-1 Radio Altimeter", 4/20/1945
   Models covered: B-17.

Box 219, Folder 38  "Index Of C.W. Job Numbers pertaining to Curtiss-Wright Project Specification 2-30", 4/26/1945

Box 219, Folder 39  "Index of Curtiss-Wright Twenty Reports", 10/21/1937

Box 219, Folder 40  "Index of Reports Model U", 11/29/1937
   Models covered: Model U.

   Models covered: P-212.

Box 219, Folder 42  "Weight and Balance Log" submitted by H. Dunn, 11/15/1943
   Models covered: XP-55.

Box 219, Folder 43  "[Performance Reports for the C-46]", undated
   Models covered: C-46.

Box 219, Folder 44  "[Master Coordination Chart for P-40, P-40-B, -C, -D, -E-1, -F, -G; Des.95; XP-46, XP-53, XP-60, XP-62; Performance Characteristics]", undated

Box 220, Folder 1  "[Weight data]", undated
   Models covered: Model D-4D.

Box 220, Folder 2  "Stress Analysis" submitted by C.H. Hunter, 2/20/1931
Models covered: Model 14-3POLB.

Box 220, Folder 3  "Stress Analysis" submitted by C.H. Hunter, 5/12/1931
Models covered: A-14D.

Box 220, Folder 4  "[Stress Diagrams]", 2/10/1931
Models covered: 14 & 14C.

Box 220, Folder 5  "Stress Analysis Model 12K" submitted by Charles H. Hunter, 12/30/1930
Models covered: Model 12K.

Box 220, Folder 6  "Stress Analysis Model 15D - 4 PCLM" submitted by Charles H. Hunter, 3/12/1931
Models covered: Model 15D - 4 PCLM.

Box 220, Folder 7  "Stress Analysis Model 12K - 2 POLB" submitted by Charles H. Hunter, 2/23/1931
Models covered: Model 12K - 2 POLB.

Box 220, Folder 8  "[Stress Diagrams]", 12/31/1931
Models covered: Model B14R.

Box 220, Folder 9  "Report if Drop Test of Tail Wheel Assembly drwg. #15830 for the A14D, B14B and B14R" submitted by Kendall Perkins, 10/7/1932
Models covered: A14D, B14B, B14R.

Box 220, Folder 10  "Stress Analysis of Travel Air Five Place Monoplane", undated

Box 220, Folder 11  Report No. 16, "Investigation of the Travel Air Monoplane Wing to Determine Strength and Cause for Ineffective Ailerons" submitted by Fairchild Airplane Manufacturing Corporation, 10/20/1927

Box 220, Folder 12  "Drag Of Component Parts of Model 10C" submitted by A.B. Barlow, 10/10/1930
Models covered: Model 10C.

Box 220, Folder 13  "Aerodynamical Data" submitted by A.B. Barlow, 7/1/1930
Models covered: Model E-4000.

Box 220, Folder 14  "Interchangeable Parts Release Sheets; [Rusco Safety Belts]", 7/28/1931

Box 221, Folder 1  "Stress Analysis Type - 10D Travel Air" submitted by H. Rwadon, 9/15/1929
Models covered: Travel Air Type - 10D.

Box 221, Folder 2  "Airplane Exhibit", 1938

Box 221, Folder 3  "Armament", undated

Box 221, Folder 4  "Sand Load Tests", undated
Models covered: B-56-1.

Box 221, Folder 5  "C.G. Trimbach’s Photos", undated
Box 221, Folder 6  "Challenger Motor", undated
Box 221, Folder 7  "Chiefton", undated
Box 221, Folder 8  "Curtiss Army & Navy Planes Information", undated
Box 221, Folder 9  "Curtiss C-6 Motor - Direct Muffler Attachment on Fairchild", undated
  Models covered: C-6.
Box 221, Folder 10  "Eagerlock - Curtiss Challenger Motor", undated
Box 221, Folder 11  "Fairey Firefly", undated
Box 221, Folder 12  "Fuel Power Plant", undated
  Models covered: 52-C.
Box 221, Folder 13  "Haw - Handbook Photos", undated
Box 221, Folder 14  "Humming Bird", undated
Box 221, Folder 15  "Navy Racer", undated
  Models covered: L-17-1.
Box 221, Folder 16  "Metal Pontoons", 1923
Box 221, Folder 17  "Miscellaneous Linen Backed Photos", undated
Box 221, Folder 18  "Miscellaneous Views", undated
Box 221, Folder 19  "Models (Wind Tunnel) Airfoils & Miscellaneous", undated
Box 221, Folder 20  "Pictures of Directors - 2.6.34", undated
Box 221, Folder 21  ???, 1916
Box 221, Folder 22  "Staaken Monoplane", undated
Box 221, Folder 23  "Travel Air Photos", undated
Box 221, Folder 24  Report No. 129, "Curtiss-Wright Sedan, Wright Whirlwind R-760. Actual
  Weight Statement" submitted by the Weight Dept./Div., 8/1/1931
  Models covered: 15D.
Box 221, Folder 25  Report No. 130, "Curtiss-Wright Deluxe Speedwing Sportsman with a Wright
  Whirlwind R-760. Actual Weight Statement" submitted by the Weight Dept./Div., 8/3/1931
  Models covered: A14D.
Models covered: 15 4PCLM.

Models covered: 15 4PCLM.

Models covered: CW12-W.
Series 3: Glass Plates [this part of the collection has not been processed]

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Series 4: Listing of Curtiss-Wright Archival Materials prepared by the Curtiss-Wright Corporation and donated to the Smithsonian Institution in 1969. ACCRETION

Box 222-227
Series 5: Master Print Books [this part of the collection has not been processed]

1 Boxe ((1 Record Center Box))
Box 128