

MS-561: James E. P. Sullivan Aviation Drawing Collection

Collection Number: MS-561

Title: James E. P. Sullivan Aviation Drawing Collection

Dates: 1918-1951 (bulk 1940-1946)

Creator: Sullivan, James Edward Patrick, 1920-2009

Summary/Abstract:

The collection pertains mainly to James E. P. Sullivan's work as a designer at United Aircraft Products in Dayton, Ohio, during World War II, including such materials as company history, product literature, newsletters, and many parts drawings and designs. The collection also includes some material on the development of the Douglas A-26 Invader aircraft, a project for which James Sullivan's father was chief engineer. A few photographs of people and aircraft are included also.

Quantity/Physical Description: 0.42 linear foot

Language(s): English

Repository:

Special Collections and Archives, University Libraries, Wright State University, Dayton, OH 45435-0001, (937) 775-2092

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

Restrictions on Use:

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Preferred Citation:

[Description of item, Date, Box #, Folder #], MS-561, James E. P. Sullivan Aviation Drawing Collection, Special Collections and Archives, University Libraries, Wright State University, Dayton, Ohio

Acquisition:

The collection was donated to Special Collections and Archives, Wright State University Libraries, by Patrick Sullivan, son of the creator James Sullivan, in October 2013.

Other Finding Aid:

The finding aid is available on the Special Collections & Archives, Wright State University Libraries web site at <https://www.libraries.wright.edu/special/collectionguides/files/ms561.pdf>. It is also available in the OhioLINK Finding Aid Repository at <http://ead.ohiolink.edu/xtf-ead/>.

Processing Information:

This collection has been minimally arranged and described in order to facilitate and expedite access to the materials. Fasteners may remain. Oversize drawings remain folded. Researchers should take extra care when handling and reviewing these.

Processed by:

Finding aid written according to DACS standards by Lisa Rickey, September 2019.

Arrangement:

The collection is arranged in a single series of documents grouped by type.

Biographical/Historical Note:

James Edward Patrick “Jim” Sullivan was born May 18, 1920, in Montgomery County, Ohio, to H. Allan Sullivan and Helen (Leonard) Sullivan. He was a senior designer for United Aircraft Products in Dayton and a lab engineer for Chrysler Airtemp. He was an inventor and held a patent for the Military Aircraft Oil Cooler for the P-51 Mustang. He was also the Director of Calvary Cemetery in Kettering and served as Assistant Montgomery County Treasurer and Director of the Montgomery County Board of Elections. He retired in 1996. He died September 23, 2009, in Oakwood, Ohio, and is buried in Calvary Cemetery.

Jim’s father, H. Allan Sullivan (1892-1964), was chief project engineer on the development and testing of the A-26 Invader at Wright Field during World War II.

Scope and Content Note:

The collection primarily consists of materials related to James E. P. Sullivan’s work as a designer at United Aircraft Products during World War II, including a company history, product literature, *The UAP Pilot* newsletters (of which Sullivan was sports editor), and many parts drawings and designs. The collection also includes a small amount of material concerning the work of James’s father, H. Allan Sullivan, in developing the Douglas A-26 Invader aircraft during World War II. The few photographs in the collection depict mainly World War II aircraft (A-26, B-25, etc.), as well as individuals and groups at Chrysler Airtemp, Allison Division of General Motors, and (presumably) Wright Field and/or McCook Field. Materials date between 1918 and 1951, with the bulk of the materials being from the World War II era from 1940 to 1946.

Related Material:

[MS-488: H. Allan Sullivan Air Force Commendation Scrapbook](#)

Subject Terms**Persons/Families**

Sullivan, James Edward Patrick, 1920-2009

Sullivan, H. A., 1892-1964

Organizations/Corporate Names

United Aircraft Products Inc. (Dayton, Ohio)

J.E.P. Sullivan Co. (Dayton, Ohio)

Subjects (General)

Aeronautics -- History

Aeronautics, Military

World War, 1939-1945 -- Aerial operations

Material Types

Blueprints (reprographic copies)

Design drawings

Diagrams

Engineering drawings

Occupations

Engineers

Collection Inventory

<u>Box</u>	<u>File</u>	<u>Description</u>	<u>Date</u>
1	1	United Aircraft Products (U.A.P.) Company History	Circa 1945
1	2	U.A.P. Product Literature	1944-1945
1	3	<i>The UAP Pilot</i> newsletters	1944-1945
1	4	<i>The UAP Pilot</i> newsletter notes and clippings	1944
1	5	Chart of U.A.P. Oil Coolers and Valves Part Numbers, showing Interchangeable Old Type and New Diffusion Type	1942
1	6	U.A.P. Specifications	1943
1	7	Report of Tests Conducted on U.A.P. Helicopter Transmission Pump (Drawing UC-100100, Engineering Project Number 93)	1945 May
1	8	Memos re: 8411 coolers, 9411 coolers, and Stoz & Grey pumps	1942-1944
1	9	Patent # 2,432,258 (copy) for an oil cooler, by J. E. Sullivan	1943, 1947
1	10	Drawings: Air Fuse	1945
1	11	Drawings and specifications: Coolers	1942-1945
1	12	Drawings: Fuel Line Strainer	1945
1	13	Drawings: Oil Drain Valve (Assembly UB-3920)	1943
1	14	Drawings: Oil and Dilution Systems for Aircraft Engines	1944
1	15	Drawings: Temperature Regulators and Thermostats	1942
1	16	Drawings: Top Manifold Engine and After Cooler	1945

<u>Box</u>	<u>File</u>	<u>Description</u>	<u>Date</u>
		Radiator	
1	17	Drawings: Valve-Drain Assembly UC-3900 (Project Number 203)	1943
1	18	Drawings: Valves and Valve Drains	1941-1943
1	19	Drawings: Miscellaneous U.A.P.	1941-1942
1	20	Drawings: Miscellaneous J.E.P. Sullivan Co.	1945
1	21	News clipping re: H. A. Sullivan and A-26 Invader	1944 Dec. 10
1	22	Travel orders and vouchers for H. A. Sullivan	1941-1947
1	23	Photos – People – Charles Cox and Vincent Burnelli with Lawson Airliner at Dayton	1919 Oct.
1	24	<p>Photos – People – Group (with names) at unidentified location (McCook Field?)</p> <p>Top row, left to right:</p> <ol style="list-style-type: none"> 1. Frank W. Caldwell 2. Not identified 3. Capt. Blee 4. Jean Roche 5. Maj. J. G. Vincent 6. Howard Blood 7. Charles Simmons 8. Lt. Wyman 9. ___ Moon 10. Lt. Woolson <p>Second row:</p> <ol style="list-style-type: none"> 1. Not identified 2. Not identified 3. Maj. H. C. Marman <p>Bottom row:</p> <ol style="list-style-type: none"> 1. Allen Loomis 2. Lt. T. C. McMahan 3. Caleb Bragg 4. Sgt. Alexander Klemin 5. G. L. McCain 6. Frank Larkins 7. ___ Nelson 	Circa 1920
1	25	Photos – People – Group reading <i>Slipstream</i> magazine	Circa 1940?
1	26	Photos – People – Allison Division, General Motors	Circa 1946
1	27	Photos – People – Engineering Division (group photo), Chrysler Airtemp	1951 Apr. 19
1	28	Photos – Aircraft – Douglas (X)A-26	1945, undated
1	29	Photos – Aircraft – (X)B-25	Circa 1940-1942
1	30	Photos – Aircraft – (X)B-28	Circa 1940-1942
1	31	Photos – Aircraft – (X)B-42, (X)B-43	1946, undated
1	32	Photos – Aircraft – Unidentified (B's?)	Circa 1940-1945