

**PRELIMINARY INVENTORY**  
**K0464 (KA1410)**  
**MELBERN E. WIYNINGER PAPERS**  
**[TWA]**

This collection is available at [The State Historical Society of Missouri Research Center-Kansas City](http://The State Historical Society of Missouri Research Center-Kansas City). If you would like more information, please contact us at [kansascity@shsmo.org](mailto:kansascity@shsmo.org).

**Introduction**

Approximately 4 cubic feet.

The collection consists of photographs, training and maintenance manuals, and catalogs relating to aircraft engines kept by Melbern E. Wiyninger, a mechanic with Trans World Airlines (TWA).

Melbern E. Wiyninger was a resident of Kansas City, Kansas, and spent his professional career as a mechanic for the Trans World Airlines (TWA). He died in January 2006.

**Donor Information**

The papers were donated to the University of Missouri by Trans World Airlines (TWA) Museum on September 7, 2006 (Accession No. KA1410).

**Copyright and Restrictions**

The Donor has given and assigned to the University of Missouri all rights of copyright, which the Donor has in the Materials and in such of the Donor's works as may be found among any collections of Materials received by the University from others.

**Related Collections**

*Trans World Airlines (TWA) Records (K0453)*

**Location Note**

The collection is stored offsite and will need to be retrieved before viewing.

**Box List**

**Box 1**

Negatives, Vol. I-III (3 folders)  
880 Power Plant Manual  
UC-880 Air Refueling manual  
Line Final Check Items  
Air Conditioning and Pressurization  
Oxygen, water waste and pneumatic System  
Weight and Balance, 1976-1980  
General Electric Maintenance workbook  
Overhaul Test  
Workbook  
    Rudder Trim  
    Elevators

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Stabilization Trim  
Speed stability  
Maintenance Notes  
Tolerances  
Data and Regulations

**Box 2**

Workbook

Nose Gear and Gear and Steering  
Radio and Electric checkout  
Inspection Checkout, Flap Carriage Adjustment  
Doors, Entry, Cargo, and Emergency  
Engineer Controls, Aircraft Exit and Fueling System  
MLG Rig and Operation

Pamphlets, Commercial Turbojet engines (GE), Convair 880 Ice and Rain systems

Maintenance Manual, rigging, air conditioning and power plant

Training Manual, 1958-1960

Training Manual Updates and Flight Engineer Training Manual

**Box 3**

Engine Parts Catalogue (4 copies)

Engine Maintenance (2 copies)

Wiring Diagram Manual, Vol. I-II (2 folders)

**Box 4**

Flight Training, 1962

Presenting the Convair