



University of Wyoming-
American Heritage Center

Guide to the

Thomas Niles Shelton Collection

Accession # 4621

Call 4621

February 15, 1973

THE THOMAS MILES SHELTON COLLECTION

RECEIPT for the gift received of Mr. Tom Shelton:

ARTICLE:

"Tom Shelton's AG-4 'Crusader'", from EAA SPORT AVIATION, July 1964, 2 pages.

BIBLIOGRAPHY:

Five pages of a bibliography of Books and Publications of Thomas Miles Shelton, sent to the University of Wyoming.

PHOTOGRAPHS:

One photograph of a First test flight, Crusader AG-4, from Denver Municipal Airport, January 7, 1935.

One photograph of Thomas M. Shelton and Gen. Philip H. Draper, Jr. Also attached is a short paragraph of some of Shelton's accomplishments. U.S. Army Photo, February 14, 1961.

One photograph of Lieut. Ray Wilson, first test pilot and Tom Shelton, CRUSADER designer. January 7, 1935.

(B-Sh 44 tm)

PHOTO

(B-Sh 44 tm)

Gene M. Gressley
Director

GMG/pak

acc # 4621
TH

July 13, 1973

THE THOMAS MILES SHELTON COLLECTION

RECEIPT for the gift received of Mr. Tom Shelton:

DRAFTING DESIGNS:

- Part No. 5001, Diagram of a Chassis-Bomb Lift Trailer for Trade Wings, Inc., August 4, 1945.
- Part No. 5002, Diagram of a Platform Assembly-Bomb Lift Trailer for Trade Wings, Inc., August 13, 1945.
- Part No. 5003, Diagram of a Trailer-Bomb Lift for Trade Wings, Inc., August 28, 1945.
- Designs for a Rocket Launching Car by Thomas M. Shelton for Kurtis Kraft Inc., August 1, 1956.
- Designs for a Table Top Viewer - Microfiche & Microfilm by Thomas M. Shelton.
- 1 unidentified design.

on oversized shelf.

Gane M. Gressley
Director

CMG/pw

Acc # 4621
TH

July 18, 1973

THE THOMAS MILES SHELTON COLLECTION

RECEIPT for the gift received of Mr. Tom Shelton:

ARTICLES:

"Cosmology and Relativity" by H. C. Corben, Space Exploration Lecture Number 2, University of California.

"The Environment of the Planets" by William W. Kellogg, Space Exploration Lecture Number 3, University of California.

"Scientific Results of Unmanned Satellites and Space Probes" by Donald P. LaGalley, Space Exploration Lecture Number 1B, University of California.

BROCHURE:

Space Exploration - A University of California Extension Statewide Lecture Series to be given at Moffett Field, Anaheim, Los Angeles and San Diego beginning September 17, 1962.

CORRESPONDENCE:

1909 - May - 2 pieces.
1931 - March - 1 piece.
 June - 1 piece.
1932 - April - 1 piece.
1933 - March - 2 pieces.
 June - 1 piece.

1934 - May - 1 piece.
 November - 1 piece.
.1935 - February - 1 piece.
 March - 1 piece.
 May - 1 piece.
 August - 1 piece.

Box # 1

Correspondence, continued:

- 1935 - September - 1 piece
- 1936 - June - 3 pieces.
August - 7 pieces.
- 1937 - August - 1 piece.
November - 1 piece.
- 1938 - January - 2 pieces.
- 1940 - April - 1 piece.
August - 2 pieces.
- 1942 - August - 1 piece.
- 1944 - February - 1 piece.
- 1946 - February - 1 piece.
- 1948 - June - 1 piece.
- 1952 - November - 1 piece.
- 1955 - January - 1 piece.
- 1956 - March - 1 piece.
- 1959 - January - 1 piece.
- 1965 - August - 1 piece.
- 1966 - February - 1 piece.
December - 1 piece.
- 1970 - June - 1 piece
- 1971 - February - 1 piece.
(66 loose letters)
- 1935 - November - 1 piece.
- 1936 - July - 2 pieces.
October - 1 piece.
- 1937 - October - 1 piece.
December - 1 piece.
- 1939 - April - 2 pieces.
- 1940 - June - 1 piece.
- 1941 - May - 1 piece.
- 1943 - November - 2 pieces.
- 1945 - December - 1 piece.
- 1947 - February - 1 piece.
- 1952 - September - 1 piece.
- 1954 - September - 1 piece.
- 1955 - May - 1 piece.
- 1958 - March - 1 piece.
- 1961 - February - 1 piece.
- 1965 - DBecember - 1 piece.
- 1966 - March - 1 piece.
- 1967 - January - 1 piece.
- 1970 - December - 1 piece.
- 1971 - April - 1 piece.

1 snapshot album, containing photo copies of 106 letters dated 1935 and 1936 concerning the Crusader Airplane.

Box # 1

MAGAZINES:

- AERO DIGEST, March, 1935, Volume 26, No.3.
- WESTERN FLYING, March, 1937^m Volume 17, No. 3.
December, 1937, Volume 17, No. 12.
- THE WORLD OF AVIATION, published by Aero Tech of Los Angeles, undated.

PATENTS:

- Toy Gun - Des. 154,516, July 12, 1949.
Letters of Patent for Toy Gun: August 1, 1950, Design 159552.
October 21, 1952, Design 2,614,551.
March 15, 1955, Design 174,236.
- High Temperature Clamp and Method of Making Same, Des. 3,227,406, January 4, 1966.
- Tube Tapering Roller Chuck, Des. 3,431,764, March 11, 1969.
- Micro Film Projector, Des. 3,632,197, January 4, 1972.
- 2 French patents.

List of Patent Disclosures which are on file in the Patent Office of Aerospace and Systems Division of Rockwell International, Los Angeles, California.

PHOTOGRAPHS

- 2 - 8 X 10 photos of Amelia Earhart and the Crusader airplane.
- 3 - 8 X 10 photos of 5 man Aux Aircraft Pod.
- 1 - 8 X 10 photo of 4 wheel drive hunting cars for Arabian Prince.
- 1 - 8 X 10 photo of T. M. Shelton, Paul Mantz and Harry Scott.
- 1 - 10 X 17 photo of Aircraft Engine Overhaul A. I. T. I.
- 1 - 8 X 10 photo of Aircraft Engine Overhaul A.I.T.I.
- 1 - 8 X 10 photo of Aircraft Theory Class A.I.T.I.
- 2 - 8 X 10 photos of Air Repair Trailer, 1944.
- 1 - 8 X 10 photo of Army Air Force Tech. Training Class, Illinois.
- 1 - 8 X 10 photo of Jet Engine Dolly for Douglas Aircraft.
- 2 - 4 X 6 photos of Bomb Loading Trailer.
- 2 - 8 X 10 photos of Frozen Food Fabrication Machine.
- 1 - 8 X 10 photo of Gas Eng. Driven 400r Airborne Elec. Gen.
- 1 - 8 X 10 photo of MOB. Repair Trailer.
- 1 - 8 X 10 photo of 300 Gal. Drop Fuel Tanks - (Aircraft).
- 1 - 8 X 10 photo of Shelton Flying Wing, New York Univ. Aero Lab., NYC.
- 1 - 8 X 10 photo of Soil Truss - U.S. Navy.
- 1 - 8 X 10 photo of Wind Tunnel Model Shelton Flying Wing in Front Model, Northrop Fighter, A.I.T.I. Show, 1937.

Box #1

PROJECTS (All are in individual folders)

- Air Freighter - 6 photographs.
- Air Ray Gun - 7 drawings and 1 photograph.
- Basic Combat Plane - 17 pages of description, 1 drawing and 2 photographs.
- Cargo Sled - 47 pages of description, 3 drawings and 1 photograph.
- Chemical Spray Tank - 15 pages of description and 9 drawings.

Box #2

Projects, continued:

Box #2 { Crusader - 244 pages of description, 60 blueprints, 13 pages of drawings and 13 loose photographs and 1 photo album containing 61 photos.

Design Brief - August, 1957, "Surface Roughness"/
May, 1961, "Bellows"
April, 1961, "Line Supports".

Floating Crane - 30 pages of description and 1 photograph.

Ground/Airborne Auxiliary Power Unit - 10 pages of description, 3 drawings and 1 photograph.

Hi-Gain TV Antenna - 1 page of description and 4 pages of drawings.

Jet Engine Starter - 1 page of description and 9 photographs.

Low Wing - 3 pages of description and 1 blueprint.

Radiation Units - 8 pages of description.

Smoke Gun - 8 drawings, 2 blueprints, 1 photograph and 1 smoke gun box top.

Snow Plow - 2 photographs.

Space Work Vehicle - 3 photo drawings.

Box #3 { Sunthetic Flight Trainer for U. S. Navy - 9 pages of description, 6 blueprints, 14 photographs and photocopy of base pass.

Tube Tapering Techniques - 16 pages of description, 18 photographs and 1 drawing.

Tube Taper Chuck Roller Criteria - 6 pages of description and 7 drawings.

Weapons Systems Tube Support - 1 page of description and 36 drawings.

XB-70 Air Vehicle - 15 pages of description and 7 pages of drawings.

Miscellaneous Drawing - 6

MISCELLANEOUS:

Box #1 { Information sheet on the Crusader, source unknown.

Information sheet on LGP-30 digital computer designed by Thomas M. Shelton.

1 blank page of stationery - "Ralph Hemphill Research Foundation".

Gene M. Gressley
Director