The Descriptive Finding Guide for the Adelard Gero Personal Papers
SDASM.SC.10189

San Diego Air and Space Museum Library and Archives
8/2016
2001 Pan American Plaza, Balboa Park
San Diego 92101
URL: http://www.sandiegoairandspace.org/
Language of Material: English
Contributing Institution: San Diego Air and Space Museum Library and Archives
Title: Adelard J. Gero Personal Papers
Identifier/Call Number: SDASM.SC.10189
Physical Description: .3 Cubic Feet
This is a one box collection measuring 15 ½ x 12 ¾ x 5 inches. The collection contains many sketches, notes, references papers, patent documents, drawings, negatives, and templates for Adelard J. Gero’s V/S.T.O.L designs. Gero came up with innovative designs for personal automobile aircraft as well as commuter and commercial transportation.

Date (bulk): bulk
Abstract: Adelard Gero came up with innovative designs for personal automobile aircraft as well as commuter and commercial transportation.

Biographical / Historical
Adelard J. Gero was an engineer, innovator, and inventor. He was committed to creating V/STOL aircraft for commercial and civilian use. He created many blueprints and patents for his Sky-Car, the V.T.O.L. Air Commuter, and the Gero Airbus.

Scope and Contents
This is a one box collection measuring 15 ½ x 12 ¾ x 5 inches. The collection contains many sketches, notes, references papers, patent documents, drawings, negatives, and templates for Adelard J. Gero’s V/S.T.O.L designs. Gero came up with innovative designs for personal automobile aircraft as well as commuter and commercial transportation.

The drawings are in the archives drawings section, and stored in box D-2383. The drawing identification numbers range from RD 11340 to 11353.

Related Materials
VTOL Subject Files
https://www.flickr.com/photos/sdasmarchives/albums/721576784081622225

Conditions Governing Access
The collection is open to use by appointment.

Subjects and Indexing Terms
VTOL
STOL
Gero Skycar
Gero Airbus
Gero Commuter
Gero, Adelard

Series I: Sketches/Drawings/Templates

Folder 1 - Original Sky Car Drawings, February 27, 1985
Physical Description: This folder contains a variety of sketches of the Gero Skycar and the Skycar Commuter and the parts that compose them.

Folder 2 - Old VTOL Sketches
Physical Description: This folder contains many sketches and designs of the interior and exterior frame of Gero’s projects. It also includes lift and rotational diagrams.

Folder 3 - Conceptual V.T.O.L Design
Physical Description: This folder contains a 2 page explanation of why VTOL designs work, and a few sketches of the Gero Skycar, its components, and how it functions (theoretically).

Folder 4 - Phase I, II, & III Cylinder Drawings & Prints (checked December 28, 1983)
Physical Description: This folder contains dozens of sketches and designs of cylinder structures, rotational cylinders, cross section views, and rotors.
Folder 5 - Phase III - 24” Diameter Bicycle Wheel, Intra, Rotary Shrouded-Centripetal Effect, Lift-prop-fan Concept Test, June 10, 1983

Physical Description: This folder contains conceptual designs and results of various tests on graphs from wind tunnel experiments.

Folder 6 - Phase II & III Rotors & Turbo Compressor Tandem Designs & Sketches

Physical Description: This folder contains dozens of sketches and designs of cylinder structures, rotational cylinders, cross section views, and rotors.

Folder 7 - Top Annular air-powered Lift test rig, February 1, 1996

Folder 8 - Model Templates 1 of 2

Folder 9 - Model Templates 2 of 2

Folder 10 - Unlabeled Drawings & Blueprints 1 of 4

Folder 11 - Unlabeled Drawings & Blueprints 2 of 4

Folder 12 - Unlabeled Drawings & Blueprints 3 of 4

Folder 13 - Unlabeled Drawings & Blueprints 4 of 4

Folder 14 - Sky Car Drawings Sketches and Notes

Series II: Notes

Folder 15 - Reference Words List 1981-1998

Physical Description: This folder contains dozens of pages of notes of conceptual explanations and keywords. The notes range from November, 1988 to November, 1998.

Folder 16 - Notes - June, 1996 (Small copies original - 1985?)


Folder 18 - Latest Orbital Rotary Ducted Bi-Tandem Airfoil & Lifting, Bi-Lifting Duct-Pod & Body, VTOL Sky-Car Notes, May, 1980

Folder 19 - SAARS Description

Physical Description: This folder contains a hundred page paper on Gero's invention titled “Shrouded Aerodynamic Airfoil and Resultant Systems and VTOL-Hypersonic Flight Vehicles Therefor.”

Series III: Large Drawings

Folder 20 - Oversized Negatives

Series IV: Oversized Negatives

Series V: Scrolls/Blueprints

RD 11344 - Two copies of the drawing Gero - Airbus, 40 passengers; Dated - March 9, 1954; Scale - 3/16” = 1 Ft. Dated - March 9, 1954.


RD 11342 - Gero - Aircar. Dated - February 20, 1954. Scale - 1”=1’.


RD 11350 - Gero - Aircar. Dated - February 20, 1954. Scale - 1” = 1’.

RD 11351 - Unidentified Scroll - Gero Aircar
RD 11352 - Unidentified Scroll. Dated - March 27, 1967. Scale - ¼” = 1’-0”.
RD 11353 - Original Patent Drawings 1985-1990 Scale 1 ½” = 1’ Dated April 21, 1989
Scale 3” = 1’ Dated - April 11, 1989 Revised May 21, 1989 Scale 3” = 1’ Dated - April 20, 1989 Scale - 1 ½” = 1’ Dated June 7, 1989