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National Air and Space Museum

McDonnell Douglas DC-10 Material [Gerds]

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National Air and Space Museum Archives
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Collection Overview

Repository:	National Air and Space Museum Archives
Title:	McDonnell Douglas DC-10 Material [Gerds]
Date:	1959-1987 (bulk 1959-1971)
Identifier:	NASM.2014.0013
Creator:	Gerds, Donald A.
Extent:	1.74 Cubic feet (4 boxes)
Language:	English .
Summary:	Donald A. Gerds was a senior concept interior designer for Douglas Aircraft Company who worked on the DC series of aircraft. This collection consists of approximately 1.74 cubic feet of material relating to the McDonnell Douglas DC-10 and its predecessor aircraft models DC-8 and DC-9, including photographs, sketches, publications, and technical reports.

Administrative Information

Acquisition Information

Donald A. Gerds, Gift, 2013, additional material received in 2014 and 2017, NASM.2014.0013

Processing Information

Arranged and described by Jessamyn Lloyd, 2013, updated in 2014 and 2017. Encoded by Jessamyn Lloyd, 2023.

Preferred Citation

McDonnell Douglas DC-10 Material [Gerds], NASM.2014.0013, National Air and Space Museum, Smithsonian Institution.

Restrictions

No restrictions on access.

Conditions Governing Use

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Biographical / Historical

The McDonnell Douglas DC-10 is a three-engine jet airliner designed for medium to long range flights. Production began in 1968 and 368 commercial DC-10s were delivered before production ended in 1989. A total of six commercial models of the DC-10 were developed. The first, the Series 10, entered scheduled

airline service for American Airlines and United Airlines in August 1971. Series 30 and Series 40 models with intercontinental range were introduced in 1972. The DC-10CF (convertible freighter) followed in 1973 and could be arranged to accommodate either passengers or cargo. In 1979, Series 15 was introduced with a combination of smaller airframe and more powerful engines for optimal performance in high-altitude airports in hot climates. Finally, Federal Express ordered the McDonnell Douglas DC-10 Series 30F, an all-cargo aircraft, which went into service in 1986. The DC-10 family of aircraft were designed with roomy cabin interiors and sophisticated climate control and pressurization systems allowing for separate temperature controls in different parts of the aircraft. They were also specifically designed to use existing airport facilities and to have quieter operation. The McDonnell Douglas KC-10 Extender was a military variant of the DC-10 and 60 of them were built and delivered to the U.S. Air Force between March 1981 and November 1988. Donald A. Gerds was a senior concept interior designer for Douglas Aircraft Company who worked on the DC series of aircraft.

Scope and Contents

This collection consists of approximately 1.74 cubic feet of material relating to the McDonnell Douglas DC-10 and its predecessor aircraft models DC-8 and DC-9. The material includes photographs, sketches, publications, and technical reports. Many of the photographs and sketches portray interior mock-ups or models, including concepts that were not built. The collection also includes two sets of lithographs; a color post card; and four color prints for framing depicting various McDonnell Douglas aircraft models.

Arrangement

Collection is arranged by type of aircraft and then by topic within those sections. Donor provided most of the arrangement and original folder titles were kept where applicable. Folder titles added by the archivist appear in brackets.

Names and Subject Terms

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

Subjects:

- Aeronautics
- Aeronautics, Commercial
- Aircraft industry
- McDonnell Douglas DC-10 Family

Types of Materials:

- Photographic prints
- Sketches
- Technical reports

Names:

- McDonnell Douglas Corp

Container Listing

Box 1, Folder 1	DC-8 Seating
Box 1, Folder 2	DC-8 Lav.
Box 1, Folder 3	DC-8 Lounge
Box 1, Folder 4	DC-8 Interior Art
Box 1, Carton 5	DC-8 Interior Detail
Box 1, Folder 6	DC-8 Seat
Box 1, Folder 7	DC-8 Shaving Station
Box 1, Folder 8	Model DC-8 and First Aircraft by Douglas
Box 1, Folder 9	SAS DC-8
Box 1, Folder 10	DC-8 SAS - Sleeping
Box 1, Folder 11	DC-8?
Box 1, Folder 12	[DC-8 Publications]
Box 1, Folder 13	DC-9
Box 1, Folder 14	Sketch, DC-9 Lavatory, J. R. Richardson
Box 1, Folder 15	DC-9 Interior
Box 1, Folder 16	DC-9 Military
Box 1, Folder 17	[DC-9 Publications]
Box 2, Folder 1	DC-10 Mock-up, 1st
Box 2, Folder 2	DC-10 Mock-up
Box 2, Folder 3	DC-10 Mock-up, Designer Jerry Kingskey
Box 2, Folder 4	DC-10 Mock-up, Design by Cambridge-7, 20 feet long
Box 2, Folder 5	DC-10 Mock-up, No center bag rack
Box 2, Folder 6	DC-10 Mock-up, Center bag rack

Box 2, Folder 7	DC-10 (Lower BAR) Mock-up
Box 2, Folder 8	DC-10 Model
Box 2, Folder 9	DC-10 Model, 1/10 Scale
Box 2, Folder 10	DC-10 1/10 Model Interior
Box 2, Folder 11	Ship 1 (DC-10)
Box 2, Folder 12	DC-10, Ship 5 Notes: 1 to 5 only had lower galley
Box 2, Folder 13	DC-10 Interior, Ship 5
Box 2, Folder 14	DC-10 Mock-up, No. 1
Box 2, Folder 15	DC-10 Lab Design
Box 2, Folder 16	DC-10 Mock-up, Side Wall Design
Box 2, Folder 17	DC-10 Sketches
Box 3, Folder 1	[DC-10 Reports and Publications, 1 of 2]
Box 3, Folder 2	[DC-10 Reports and Publications, 2 of 2]
Box 3, Folder 3	[Sketches, 1 of 2]
Box 3, Folder 4	[Sketches, 2 of 2]
Box 3, Folder 5	The End of Douglas at Santa Monica Airport
Box 3, Folder 6	[McDonnell Douglas, Miscellaneous]
Box 3, Folder 7	[Miscellaneous Clippings and Publications]
Box 3, Folder 8	[Color Post Card and Prints]
Box 4, Folder 1	[Oversized sketches and mock-ups]