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National Air and Space Museum

Southern Four-Course Radio Range Charts

2004

National Air and Space Museum Archives
14390 Air & Space Museum Parkway
Chantilly, VA 20151
NASMRefDesk@si.edu
<https://airandspace.si.edu/archives>

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Collection Overview

Repository:	National Air and Space Museum Archives
Title:	Southern Four-Course Radio Range Charts
Date:	(bulk 1940)
Identifier:	NASM.2005.0001
Creator:	United States. Civil Aeronautics Authority
Extent:	0.12 Cubic feet ((1 flat box))
Language:	English .

Administrative Information

Acquisition Information

Barbara Walsh, Gift, 2004

Preferred Citation

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Restrictions

No restrictions on access.

Conditions Governing Use

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Biographical / Historical

Beginning in the 1930s, visual guidelines for navigation were replaced by the four-course radio range station system. The radio range station emitted a directional signal, forming four beacons aligned with a compass, each defining a course. Pilots listened to the radio receiver and followed the radio beams from station to station along a particular route. This system had a total of 378 stations before becoming phased out during the 1950s

Scope and Contents

This collection consists of sixteen charts that were part of the production process for four-course radio range routings. As the routings shown are outside of the original airway system developed in 1930, it is assumed that these charts represent a substantive expansion of the airway system, rather than a simple updating of existing infrastructure. The following areas are represented in Texas, Mississippi, Alabama, Florida and

Louisiana: Big Spring; Corpus Christi; Abilene; El Paso; Dallas, Ft. Worth, San Antonio; Fort Worth; San Antonio; Houston; Birmingham; Tampa; Atlanta; Miami; Mobile; Jacksonville; Shreveport; and New Orleans.

Names and Subject Terms

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

Subjects:

Aeronautics, Commercial
Navigation (Aeronautics)

Types of Materials:

Charts