Guide to George Carruthers
Innovative Lives Presentation

NMAH.AC.0597
Alison L. Oswald
7/14/97
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Collection Overview

Repository: Archives Center, National Museum of American History
Title: George Carruthers Innovative Lives Presentation
Identifier: NMAH.AC.0597
Date: 1996-02-22
Extent: 0.25 Cubic feet
Creator: Jerome and Dorothy Lemelson Center for the Study of Invention and Innovation.
Carruthers, George R.
Language: English
Summary: This video history consists of original, master and reference videos documenting a children's lecture program by George R. Carruthers, a physicist and inventor. Carruthers invented the Far Ultra-Violet Camera (FUVCAM).

Administrative Information

Acquisition Information
This videohistory was created by the Innovative Lives Program of The Jerome and Dorothy Lemelson Center for the Study of Invention and Innovation on February 22, 1996. The Innovative Lives series brings young people and American inventors together to discuss inventions and the creative process and to experiment and play with hands-on activities related to each inventor's product.

Ownership and Custodial History

Provenance
The collection was transferred to the Archives Center on July 8, 1997.

Processing Information
Collection processed by Alison Oswald, July 14, 1997.

Preferred Citation
Biographical / Historical

Dr. George Carruthers was born in 1939 and grew up in Milford, Ohio and Chicago's South Side. Carruthers received his B.S. in Physics from the University of Illinois in 1961, M.S. Physics in 1962, and his Ph.D in aeronautical and astronomical engineering in 1964. After receiving his Ph.D in 1964, Carruthers joined the Naval Research Laboratory (NRL), Space Science Division where he is now Senior Astrophysicist. Along with William Conway, another scientist, Carruthers developed the lunar surface ultraviolet camera and spectrograph used on the moon by Apollo 16 in 1972. The camera was used to take ultraviolet pictures of the Earth during the Apollo 16 space mission. It was the first camera to take pictures of the upper levels of the earth's atmosphere and to show that hydrogen exists in outer space.

Scope and Contents

This collection contains original, master, and reference videos documenting Dr. George Carruthers. Dr. Carruthers discusses his invention, the Far Ultra-Violet Camera (FUVCAM), as well his background, and experience working with the space program.

Arrangement

Divided into 3 series: 1) Original Videos; 2) Master Videos; 3) Reference Videos.

Names and Subject Terms

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

Subjects:
- Aeronautics -- 20th century
- Astronautical instruments -- 20th century
- Astronautics in astronomy -- 20th century
- Astronomical photography -- 20th century
- Astronomy -- 20th century
- Astrophysics -- 20th century
- Cameras -- 20th century
- Engineering -- 20th century
- Inventions -- 20th century
Inventors -- 20th century
Photographs
Physics -- 20th century
Space photography
Spectrography -- 20th century
Ultraviolet spectrometry

Types of Materials:
Lectures -- 1990-2000
Slides
Videotapes -- 1990-2000

Names:
Naval Research Laboratory (U.S.)
Container Listing

Series 1: Original Videos (OV 597.1-4), 1996-02-22

Box 1

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