Smithsonian
National Air and Space Museum

Virtual Reality Helmet Collection

2002

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Collection Overview

Repository:	National Air and Space Museum Archives
Title:	Virtual Reality Helmet Collection
Date:	[ca. 1980s]
Identifier:	NASM.1999.0005
Creator:	National Aeronautics and Space Administration. Ames Research Center
Extent:	1.54 Cubic feet ((1 legal document box) (1 records center box))
Language:	English .

Administrative Information

Acquisition Information

James Humphries/NASA-Ames, Gift, 1997, 1999-0005, Public Domain?

Restrictions

No restrictions on access

Conditions Governing Use

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Biographical / Historical

During the 1980s, NASA-Ames designed and developed a virtual reality head set for possible use in flight simulators and trainers. The impetus for the original design was for a fighter pilot's helmet and was based on research done at Wright-Patterson Air Force Base. The helmet was one of the first prototype Virtual Reality systems, provided visual and audio information corresponding to position of user's head and hands.

Scope and Contents

This collection consists of the documentation that accompanied the donation of the helmet to the Museum. The following types of material were included: zip disc containing HMD project documents and applications; magazines containing articles relating to this project; 11 VHS format videotapes; technical manuals; and one oversized diagram.

General

NASMrev

Names and Subject Terms

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

Subjects:

Aeronautics
Aeronautics -- Research
Astronautics
Flight simulators
Flight training
Virtual reality

Types of Materials:

Floppy disks
Manuals
Publications
Videotapes

Names:

National Aeronautics and Space Administration. Ames Research Center