



## Guide to the Hughes Aircraft Company Weapons System Publications

---

This finding aid was created by UNLV Special Collections and Archives staff. This copy was published on June 30, 2022. Please contact [special.collections@unlv.edu](mailto:special.collections@unlv.edu) for questions regarding this collection.

Persistent URL for this finding aid: <http://n2t.net/ark:/62930/f1fv14>

© 2022 The Regents of the University of Nevada. All rights reserved.

**University of Nevada, Las Vegas. University Libraries. Special  
Collections and Archives.**

Box 457010

4505 S. Maryland Parkway

Las Vegas, Nevada 89154-7010

[special.collections@unlv.edu](mailto:special.collections@unlv.edu)

---

## Table of Contents

---

Summary Information .....	3
Biographical Note .....	3
Scope and Contents Note .....	4
Arrangement .....	4
Administrative Information .....	4
Names and Subjects .....	5
Collection Inventory .....	5

---

## Summary Information

---

<b>Repository:</b>	University of Nevada, Las Vegas. University Libraries. Special Collections and Archives.
<b>Creator:</b>	Hughes Aircraft Company
<b>Collector:</b>	Uphold, James D.
<b>Title:</b>	Hughes Aircraft Company Weapons System Publications
<b>ID:</b>	MS-01119
<b>Date [inclusive]:</b>	approximately 1965 to 2011
<b>Date [bulk]:</b>	1965 to 1979
<b>Physical Description:</b>	0.19 Cubic Feet (1 box)
<b>Physical Description:</b>	0.21 Linear Feet
<b>Language of the Material:</b>	English
<b>Abstract:</b>	The Hughes Aircraft Company Weapons System Publications (approximately 1965-2011) contain brochures, booklets, photographs, and illustrations of the AWG-9/Phoenix Air Superiority Weapon Control System developed by Hughes Aircraft Company Aerospace Systems Division based in California. The collection contains photographs of various aircraft, as well as a Supersonic Naval Ordnance Research Track (SNORT) test at the Naval Ordnance Test Station near China Lake, California.

### Preferred Citation

Hughes Aircraft Company Weapons System Publications, approximately 1965-2011. MS-01119. Special Collections and Archives, University Libraries, University of Nevada, Las Vegas. Las Vegas, Nevada.

[^ Return to Table of Contents](#)

---

## Biographical Note

---

James D. "Jim" Uphold is a mechanical engineer and was a Hughes Aircraft Company employee from 1964 until 1997 when he retired. Uphold worked in the Company's airborne radar division where he interacted with employees in the electro-optical, ground systems, missile systems,

and logistics and support groups. During his first twelve years, he participated in several diverse assignments in the Phoenix Weapons System Program. Later assignments included the development of stealth radar for combat and surveillance aircraft, program management, and new business development. After retirement he assisted former Hughes Aircraft president, D. Kenneth Richardson, with the preparation of his book on the history of the company, *Hughes After Howard*.

[^ Return to Table of Contents](#)

---

## Scope and Contents Note

---

The Hughes Aircraft Company Weapons System Publications (approximately 1965-2011) contain brochures, booklets, photographs, and illustrations of the AWG-9/Phoenix Air Superiority Weapon Control System developed by Hughes Aircraft Company Aerospace Systems Division based in California. The collection contains photographs of various aircraft, as well as a Supersonic Naval Ordnance Research Track (SNORT) test at the Naval Ordnance Test Station near China Lake, California.

[^ Return to Table of Contents](#)

---

## Arrangement

---

Materials remain in the order in which they were received.

[^ Return to Table of Contents](#)

---

## Administrative Information

---

### Access Note

Collection is open for research.

### Publication Rights

Materials in this collection may be protected by copyrights and other rights. See [Reproductions and Use](#) on the UNLV Special Collections and Archives website for more information about reproductions and permissions to publish.

## Acquisition Note

Materials were donated in 2022 by James Uphold; accession number 2022-044.

## Processing Note

In 2022, Sarah Jones reoused the material, modified the existing inventory, and created the finding aid in ArchivesSpace.

[^ Return to Table of Contents](#)

---

## Names and Subjects

---

- Proving grounds
- Aerospace industries
- Weapons system
- photographs
- Hughes Aircraft Company

---

## Collection Inventory

---

Title/Description	Containers
<i>The AWG-9 Air Superiority Weapon Control System</i> by Hughes Aircraft Company Aerospace Systems Divisions: booklet including information on radar, IR sensor, processors, controls and displays, missions, operations, and logistics, 1973 May	box 01
<i>AIM-54 Phoenix Missile</i> by Hughes Aircraft Company Aerospace Systems Divisions: booklet containing design requirements and details, operations, logistics, and flight test results, 1971 November	box 01
AWG-9/Phoenix Air Superiority Weapon System description pamphlets including one prepared specially for the Shah of Iran before his F-14/Phoenix System purchase commitment in 1973, 1973 August to 1990 Physical Description: 6 Items	box 01
Phoenix missile photographic prints and drawings of subassemblies, flight test descriptions, and related items, approximately 1965 to 1973	box 01
Short histories of the F-14, AWG-9 WCS and AIM-54 missile programs and a representative issue of the Grumman Aerospace Corporation's publication <i>Tomcat News</i> , 1976 July	box 01
F-4 Vietnam War-era fighter launching a Hughes AIM-4 Falcon missile: photographic print, approximately 1965 to 1975	box 01

---

Description of the Hughes Aircraft Co. campus in Culver City, California and a brief history of the Company prepared by the Los Angeles Conservancy for a tour of the remains of the company building, 2011 March 20	box 01
Test aircraft involved in the first version of the Phoenix Weapons Control system showing two prototype F-111B fighter-interceptors and a modified Navy TA-3B test bed for the Weapons System at the Culver City, California plant flight line west of the main part of the campus: photographic prints, approximately 1967 February to 1969 June Physical Description: 2 Items	box 01
Supersonic Naval Ordnance Research Track (SNORT) test at Naval Ordnance Test Station, China Lake, California: black-and-white photographic print, approximately 1965 to 1973	box 01
Phoenix (AWG-9/Phoenix control and displays in the aft crew station in the F-14 Tomcat Fighter for the Weapons System Operator (WSO): black-and-white illustration, approximately 1970 to 1979	box 01

---