

PURDUE

UNIVERSITY



FINDING AID TO THE M. JEANNE LUCKE PAPERS, 1968-1985

**Purdue University Libraries
Virginia Kelly Karnes Archives and Special Collections
Research Center
504 West State Street
West Lafayette, Indiana 47907-2058
(765) 494-2839**

<http://www.lib.purdue.edu/spcol>

© 2012 Purdue University Libraries. All rights reserved.
Processed by: Mary A. Segó, December 12, 2012

Descriptive Summary

| | |
|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Creator Information | Lucke, M. Jeanne |
| Title | M. Jeanne Lucke papers |
| Collection Identifier | MSP 125 |
| Date Span | 1968-1985 |
| Abstract | The papers consist of an Apollo, Pathfinder and 2 Spacelab Mission adhesive patches, photographs with detailed descriptions of rocket launches and photographs of Planet Saturn taken from Voyager, along with a Titan IIIE/Centaur D-1T diagram and description. These items reflect M. Jeanne Luckes' twenty years of employment with TRW Systems Group from 1960-1980s. Also included among the items are a <i>Voyager Encounters Jupiter</i> booklet published by the National Aeronautics and Space Administration. |
| Extent | 0.25 cubic feet |
| Finding Aid Author | Mary A. Segó, 2012 |
| Languages | English |
| Repository | Virginia Kelly Karnes Archives and Special Collections Research Center, Purdue University Libraries |

Administrative Information

| | |
|---------------------------------|----------------------------------------------------------------------------------------------------------|
| Location Information: | ASC |
| Access Restrictions: | Collection is open for research. |
| Acquisition Information: | Donated by Shonnie J. Keefe (M. Jeanne Luckes' daughter), in memory of M. Jeanne Lucke, October 31, 2012 |
| Accession Number: | 20121031 |
| Preferred Citation: | MSP 125, M. Jeanne Lucke papers, Karnes Archives and Special Collections, Purdue University Libraries |
| Copyright Notice: | Shonnie J. Keefe |

Subjects and Genres

Persons

Lucke, M. Jeanne

Organizations

TRW Systems Group

Topics

Saturn (Planet)

Voyager Project

TRW Systems Group

Apollo 11 (Patch)

Pathfinder (Patch)

Spacelab Mission (Patch)

Diagrams (Mission Module)

Form and Genre Types

Booklet

Diagrams (Mission Module)

Patches

Photographs

Occupations

Aerospace engineering

Biography of M. Jeanne Lucke

M. Jeanne Lucke worked for the TRW Systems Group from 1960-1980s. TRW Systems Group designed and built the descent engine or (LMDE) for the Apollo lunar lander, Pioneer 10 and 11, Delta launch vehicle, Voyager spacecraft, among other numerous systems. One such system that Lucke worked on from 1975-1977 was the Mariner Spacecraft.

Source(s):

Notations among the papers and retrieved December 13, 2012 from:
http://en.wikipedia.org/wiki/TRW_Inc.

Collection Description

Scope

The M. Jeanne Lucke papers (1968-1985; 0.25 cubic feet) reflect Lucke's 20 years of employment with the TRW Systems Group in the 1960s-1980s. The types of material consists of an Apollo, Pathfinder and 2 Spacelab Mission adhesive patches, photographs with detailed descriptions of rocket launches and photographs of the planet Saturn taken from Voyager, along with a Titan IIIE/Centaur D-1T diagram and description. Also included among the items are a *Voyager Encounters Jupiter* booklet published by the National Aeronautics and Space Administration. The papers are organized by type of material within 5 folders.

Descriptive Rules

Describing Archives: A Content Standard

Processing Information

All materials have been housed in polyester sleeves, acid-free folders, and acid-free boxes.

DETAILED DESCRIPTION OF THE COLLECTION

1 Box Mission Module and Description, Adhesive Patches, Voyager Booklet and Photographs, 1968-1985

(0.25 cubic feet)

Folder 1 *Mission Module and Mission Description*

Item

1. 14.5" x 20.5" diagram/sheet, "Mission Module and Mission Description," inscribed with letter from Lucke, October 22, 1975

Folder 2 *Patches*

Item

1. Adhesive Patch, Apollo 11, TRW Systems Group, circa 1969
2. Adhesive Patch, OSS-1, Pathfinder, circa 1982
3. Adhesive Patch, Spacelab Mission 1, circa 1983
4. Adhesive Patch, Spacelab Mission 2, circa 1985

Folder 3 *Booklet, Voyager Encounters Jupiter*

Item

1. *Voyager Encounters Jupiter*, 1979. Pasadena, California: National Aeronautics and Space Administration, Jet Propulsion Laboratory, California Institute of Technology.

Folder 4 *Rocket Launch Photographs*

Item

1. 8" x 10" color photograph, Rocket Launch, TRW Systems, #44889-68
2. 8" x 10" color photograph, Rocket Launch, TRW Systems, #57689-68
3. 8" x 10" color photograph, Rocket Launch, "Pioneer Venus" written on the back, circa 1970s
4. 8" x 10" color photograph, Rocket Launch, "Isu – 1, 2" written on the back, circa 1970s ?

Folder 5 *Planet Saturn Photographs With Information Sheets*

Item

1. 8" x 10" color photograph, Planet Saturn, 169547-80; information sheet, Voyager 1-S-8, P-22993, October 28, 1980
2. 8" x 10" color photograph, Planet Saturn, 169548-80; information sheet,

- Voyager S-1-9, P22994C, October 28, 1980
3. 8" x 10" black and white photograph, Planet Saturn, 169549-80; information sheet, Voyager 1-S-6, P-22974, October 22, 1980
 4. 8" x 10" black and white photograph, Planet Saturn, 169550-80; information sheet, Voyager 1-S-7, P-22990, October 28, 1980
 5. 8" x 10" color photograph, Planet Saturn, 169551-80; information sheet, Voyager 1-S-4, P-22968, September 23, 1980
 6. 8" x 10" black and white photograph, Planet Saturn, 169552-80; information sheet, Voyager 1-S-5, P-22973, October 22, 1980