

CENTER SERIES

SHAWN T. HARRISON PAPERS

Shawn Thomas Harrison worked for Rockwell International as a trainer (all systems) for the Space Shuttle and as a trainer for the Space Station (thermal systems). The collection covers material from Harrison's career from 1971 to 1993 and includes training plans for the Space Shuttle and accompanying chase flights; presentations on flight techniques in orbit and reentry into the earth's atmosphere; status reports, memos, and other documents on the Space Shuttle's auxiliary power unit; documents on power extension packages and propulsion; simulation documents; documents on payloads; documents on hydraulics and communication as they relate to the Space Shuttle; documents on the Space Shuttle's weight and structural design loads; documents on digital flight control; and a report on terrestrial environment criteria. The donation arrived in two boxes with documents placed in folders that were labeled in broad categories. Items were artificially arranged during processing, but the labeling and organization that the donor provided the collection in was maintained.

Inventory

SubHeading:	Box Number: 01	
Chase Flights	T-38 Chase Flights	April 1976-Oct 1977
Chase Flights	Chase Flights	March 1980-March 1981
Chase Flights	Chase Pilot Briefings	Sept 1976-April 1977
Chase Flights	Briefing Schedule (Chase Flight)	March 1976-Jan 1977
Approach and Landing Test	ACE Training and Job Descriptions	Nov 1976-Feb 1977
Flight Techniques	Flight Techniques on Orbit	Nov 1978-Jan 1981
Auxiliary Power Unit	Auxiliary Power Unit Subsystem Volume 1	August 1981
Power Extension Package	Power Extension Package and Modification Briefings (PEP)	ND
Propulsion	Space Shuttle Solid Propulsion Data Bank	April 1976
Propulsion	General Test Plan Main Propulsion Test Program (MPTP)	March 1977
Power Extension Package	Space Shuttle Orbiter Power Extension Package (PEP) Interface Evaluation Study Summary Briefing	Nov. 1979
Approach and Landing Test	Space Shuttle Engineering ALT Test Support Team Training Plan - Approach and Landing Test	December 1976
Approach and Landing Test	OV-101 Structural Flight Restrictions for Approach and Landing Test Program	May 1977
Flight Techniques	Flight Techniques - Entry	Nov. 1978
Approach and Landing Test	Approach and Landing Test Training Plan - Space Shuttle	Sept. 1976
Auxiliary Power Unit	APU Fire - STS-9 (Auxiliary Power Unit)	Jan 1983-Jan 1984
SubHeading:	Box Number: 02	
Simulations	Simulations	May - June 1993
Payload	Payload / Cargo Integration Schedules Volume 1 NASA and Commercial Payloads	Sept. 1980
Space Shuttle Program	Shuttle Systems Monthly Weight and Performance Status Report	October 1974
Space Shuttle Program	Structural Design Loads Data Book Volume 1 Baseline Vehicle and Missions	June 1974-Jan 1975
Payload	OFT 1 Critical Function Assessment On-Orbit Flight Phase	Sept. 1977
Organization	JSC Organization	1980

Organization	The Blue Book of Organization Functions Key Personnel	August 1971
Hydraulics	Hydraulics Thermal Method	June -August 1981
Communications	Miscellaneous Communication Documents	May-June 1976
Space Shuttle Program	Space Shuttle	Feb 1975-March 1982
SubHeading:	Box Number: 03	
Digital Flight Control System	CALSPAN Digital Flight Control	April 1971-May 1976
Digital Flight Control System	A7D Digital Flight Control System	March 1976-Oct 1976
Terrestrial Environment	Terrestrial Environgment (Climatic) Criteria Guidelines for Use in Space Vehicle Development 1971 Revision	May 1971
Low Cost Modular Spacecraft	Low Cost Modular Spacecraft Description	May 1975
Space Shuttle	Space Shuttle Separation System Data Book	November 1975
Space Shuttle	Satellite Services System Servicing Equipment Catalog	June 6, 1988