

PIONEER PROJECT											
PIONEER VENUS											
FILE #	DRAWER #	ITEM	UFI #	SOURCE	REF #	REV.	DATE	KEY	SUBJECT	FROM	TO
7	1								<b>REVIEWS, CLOSEOUT DOCS, DATA PKGS, ETC.</b>		
7	1			HAC			10-Apr-75	COMMUNICATIONS SUBSYS	PV COMMUNICATIONS SUBSYSTEM DESIGN REVIEW & MISC		
7	1			HAC	HS501-0082-450		1-May-75	LG & SML PROBES PRESSURE VESSEL	PV STRUCTURES SUBSYSTEM DESIGN REVIEW - LG & SML PROBE PRESSURE VESSEL MODULES VOL I&II		
7	1			HAC	HS507-2779		8-May-75	S/C MLTPRB/ORB	PV STRUCTURE SUBSYSTEM DESIGN REVIEW - MULTIPROBE & ORBITER SPACECRAFT		
7	1			HAC	HS507-4888		9-Apr-76	HGA FDR DATA PKG	PV FDR DATA PKG - HIGH GAIN ANTENNA		
7	1			HAC			20-Feb-76	X-BAND TRANSMITTER	PV X-BAND TRANSMITTER DESIGN REVIEW		
7	1			HAC	HS507-0082/638		6AUG75	DECEL MODULE	PV - DECELERATION MODULE SUBSYSTEM DESIGN REVIEW, STATUS OF ACTION ITEMS		
7	1			HAC			May-75	LG & SML PROBE HARNESS	PV - STRUCTURES/HARNESS LARGE AND SMALL PROBES DESIGN REVIEWS		
7	1			HAC			8-May-75	BUS/ORB ELECT POWER	PV ELECTRICAL POWER SUBSYSTEM MULTIPROBE BUS & ORBITER DESIGN REVIEW		
7	1			HAC			May-75	COMMAND & DATA HANDLING	PV - COMMAND & DATA HANDLING SUBSYSTEM DESIGN REVIEW		
7	1			HAC	HS507-7665		24-29APR78	S/C MLTPRB PRE-SHIP	PV - MULTIPROBE SPACECRAFT PRE-SHIP REVIEW MTG VOL I & II		
7	1			HAC	HS507-7531		8-Feb-78	ORB PRE-SHIP	PV - ORBITER PRESHIP REVIEW DATA, SEC 1,2,4		
7	1			NASA/GSFC			Dec-75	BIMS/OIMS FDR	PV BIMS / OIMS FDR		
7	2								<b>REVIEWS, CLOSEOUT DOCS, DATA PKGS, ETC.</b>		
7	2			HAC	HS507-4434		15-Jan-76	COMMUNICATION SUBSYS	PV PROGRAM - FDR - 3db & 6 db HYBRIDS, COMMUNICATION SUBSYSTEM		
7	2			HAC	HS507-4289		11-Dec-75	COMMUNICATIONS SUBSYS	PV PROGRAM - FDR - DRIVER AMPLIFIER, COMMUNICATIONS SUBSYSTEM		
7	2			HAC	HS507-5093		17-May-76	SML PRB ANTENNA	PV PROGRAM - FDR DATA PKG - SMALL PROBE ANTENNA		
7	2			HAC	HS507-4114		20-Feb-76	BUS/ORB DATA HANDLING	PV PROGRAM - FDR - TELEMETRY PROCESSOR P/N 3385034-100 - BUS & ORBITER DATA HANDLING SYSTEM		
7	2			HAC	HS507-5576		17-Sep-76	PRB THERMAL INSULATION	PV PROGRAM - FDR - PROBE THERMAL INSULATION		
7	2			HAC	HS507-4654		26-Feb-76	ORB/DESPIN	PV PROGRAM - FDR - DESPIN CONTROL ELECTRONICS P/N 3385064-1-100, ORBITER CONTROL SUBSYSTEM		
7	2			HAC	HS507-4289		3-Feb-76	POWER AMPLIFIER	PV PROGRAM - FDR - POWER AMPLIFIER COMMUNICATIONS SUBSYSTEM		
7	2			HAC	HS507-4289		15-Jan-76	S-BAND DIPLEXER	PV PROGRAM - FDR - S-BAND DIPLEXER COMMUNICATIONS SUBSYSTEM		
7	2			HAC	HS507-4434		15-Jan-76	ROTARY JOINT	PV PROGRAM - FDR - ROTARY JOINT		
7	2			THIOKOL	SP/1587/77		15-Mar-77	S/C ORB FDR REPORT	PV - ORBITER SPACECRAFT - FDR REPORT		
7	2			HAC	HS507-4617/1		2-Mar-76	INSTRUMENT INTEGRATION CONSOLE	PV PROGRAM - DESIGN REVIEW - INSTRUMENT INTEGRATION CONSOLE 3507400-100		
7	2			HAC	507-4612		5-Feb-76	BUS STRUCTURE	PV PROGRAM - FDR - BUS STRUCTURE, SEC. 5.0 THERMAL CONTROL		
7	2			HAC	HS507-0082-1188		27-Feb-76	COMMAND/DATA UNIT	PV COMMAND/DATA UNIT FDR DOCUMENTATION		
7	2			HAC	HS507-4679		17-Feb-76	MAGNETOMETER	PV - MINUTES OF FDR - MAGNETOMETER DEPLOYMENT MECHANISM		
7	2			HAC	HS507-0082-1098		16-Feb-76	PYRO CONTROL UNIT	PV - FDR CLOSE-OUT DOCUMENTATION PYRO CONTROL UNIT		
7	2			HAC	HS507-4612		9-Feb-76	BUS STRUCTURE	PV PROGRAM - FDR - BUS STRUCTURE, SEC 5.0 STRESS & DYNAMICS		
7	2			HAC	HS507-4612		3-Feb-76	S/C MLTPRB BUS	PV PROGRAM - FDR - MULTIPROBE BUS SPACECRAFT STRUCTURE		
7	2			HAC	HS507-4707		20-Feb-76	BUS/ORB POWER ELECT	PV PROGRAM - FDR - BUS AND ORBITER POWER ELECTRONICS UNITS		
7	2			HAC	HS507-0082-1156		19-Mar-76	COMMAND PROCESSOR	PV FDR CLOSE-OUT DOCUMENTATION - COMMAND PROCESSOR		
7	2			HAC	HS507-4840		15-Mar-76	DESPIN CONTROL	PV - MINUTES OF FDR - DESPIN CONTROL ELECTRONICS UNIT		
7	2			HAC	HS507-4889		9-Apr-76	HGA BACK-UP	PV PROGRAM - FDR DATA PKG - HIGH GAIN BACK-UP		
7	2			HAC	HS507-4777		12-Mar-76	LG PRB ANTENNA	PV PROGRAM - FDR DATA PKG - LARGE PROBE ANTENNA		
7	2			HAC	HS507-4778		12-Mar-76	AFT OMNI ANTENNA	PV PROGRAM - FDR DATA PKG - AFT OMNI ANTENNA		
7	2			HAC	HS507-4779		12-Mar-76	FWD AFT ANTENNA	PV PROGRAM - FDR DATA PKG - FORWARD OMNI ANTENNA		
7	2			HAC	HS507-4956		13-Apr-76	LG & SML PRB PRESSURE VESSEL	PV PROGRAM - FDR DATA PKG - LARGE & SMALL PROBE PRESSURE VESSEL MODULE INTERNAL HARNESS		
7	2			HAC	HS507-4780		12-Mar-76	TEST PRB ANTENNA	PV PROGRAM - FDR DATA PKG - TEST PROBE ANTENNA		
7	2			HAC	HS507-4528		19-Jan-76	ROTARY JOINT, HYBRIDS	PV - FDR MINUTES FOR ROTARY JOINT, 3 db & 6 db HYBRIDS, 2 GHZ ISOLATOR AND HIGH-POWER LOAD		
7	2			HAC	HS507-4846		1-Apr-76	LG & SML PRB PRESSURE VESSEL	PV PROGRAM - FDR, VOL II, APPENDIX - LARGE & SMALL PROBE PRESSURE VESSEL MODULE WINDOWS, PENETRATIONS, SEALS AND STRUCTURE		
7	2			GE			Feb-76	DECEL MODULE	PV - FDR - DECELERATION MODULE		
7	2			NASA	SA-6-15:244-8		27-May-76	SSG MTG/QUARTERLY REV.	PV - QUARTERLY REVIEW-FDR-SSG MTGS		

7	2		HAC	HS507-5316	6-Jul-76	LG & AML PRB WIRING HARNESS	PV PROGRAM - FDR & DATA PKG - LARGE & SMALL PROBE WIRING HARNESS SUBSYSTEMS EXTERNAL HARNESS ASSEMBLIES	
7	2		HAC	HS507-4761	16-Mar-76	ORB/BUS ATTITUDE DATA PROCESSOR	PV PROGRAM - FDR - ATTITUDE DATA PROCESSOR P/N 3385055-100 - ORBITER / BUS CONTROL SUBSYSTEM	
7	2		HAC	HS507-4706	20-Feb-76	BUS/ORB SOLAR PANEL	PV PROGRAM - FDR DATA PKG - BUS / ORBITER SOLAR PANEL	
7	2		HAC	HS507-5224	23-Jun-76	BUS/ORB FDR	PV PROGRAM - SYSTEM FDR VU-GRAPHS DATA PKG - 1ST DAY - BUS / ORBITER	
7	2		HAC	HS507-5224	24-Jun-76	BUS/ORB FDR	PV PROGRAM - SYSTEM FDR VU-GRAPH DATA PKG - 2ND DAY - BUS / ORBITER	
7	2		HAC	HS507-5226	25-Jun-76	SYS TEST PROGRAM	PV PROGRAM - SYSTEM FDR VU-GRAPH DATA PKG - 3RD DAY - SYSTEM TEST PROGRAM	
7	2		HAC	HS507-5227	28-Jun-76	PROBES SYS FDR	PV PROGRAM - SYSTEM FDR - VU-GRAPH DATA PKG - 4TH DAY - PROBES	
7	2		HAC	HS507-5228	29-Jun-76	PROBES SYS FDR	PV PROGRAM - SYSTEM FDR - VU-GRAPH DATA PKG - 5TH DAY - PROBES	
<b>7</b>	<b>3</b>						<b>PRE-SHIP REVIEWS, FINAL DESIGN REVIEWS ETC.</b>	
7	3		HAC	HS507-7665	7-Apr-78	MLTPRB PRE-SHIP	PV DATA PKG FOR MULTIPROBE PRE-SHIP REVIEW, VOL I & VOL II AND MISC.	
7	3		FEI	HS507-1851-70	6-Oct-75	STABLE OSCILLATOR	PV - FDR PKG - STABLE OSCILLATOR (OCXO) - MODEL FE-2123-A HARD COPY DOCS (SEC 8 & 9)	
7	3		FEI	HS507-		STABLE OSCILLATOR	PV - DESIGN REVIEW - STABLE OSCILLATOR (OCXO) MODEL FE-2123A	
7	3		FEI		26-Sep-75	STABLE OSCILLATOR	PV - FDR PKG - STABLE OSCILLATOR - VOL I OF V	
7	3		FEI		26-Sep-75	STABLE OSCILLATOR	PV - FDR PKG - STABLE OSCILLATOR - VOL II OF V	
7	3		FEI		26-Sep-75	STABLE OSCILLATOR	PV - FDR PKG - STABLE OSCILLATOR - VOL III OF V	
7	3		FEI		26-Sep-75	STABLE OSCILLATOR	PV - FDR PKG - STABLE OSCILLATOR - VOL IV OF V	
7	3		FEI		26-Sep-75	STABLE OSCILLATOR	PV - FDR PKG - STABLE OSCILLATOR - VOL V OF V	
7	3		HAC		1-Jul-73	ATTITUDE CONTROL	PV - FINAL REPORT SYSTEM DESIGN OF THE PV S/C - VOL 9 - ATTITUDE CONTROL/MECHANISMS SUBSYSTEMS STUDIES	
7	3		HAC	HS507-4113	18-Dec-75	PYRO CONTROL UNIT	PV PROGRAM - FDR - PYRO CONTROL UNITS - BUS / ORBITER: 3385044-100 & PROBE; 3385233-100 - SUBSYS BUS / ORBITER COMMAND PROBE COMMAND & DATA	
7	3		NASA/ARC		16-Mar-77	LAS/SAS	PV TEST REPORT LAS/SAS PRESSURE & TEMPERATURE SENSORS	
7	3		HAC		4-Apr-75	ORB/MLTPRB BUS SUBSYS	PV - CONTROL SUBSYSTEM PRELIM DESIGN CONCEPT FOR ORB & MULTIPROBE BUS	
7	3		HAC	HS507-2723	24-Apr-75	CONTROL SUBSYS	PV CONTROL SUBSYSTEM PRELIMINARY DESIGN REVIEW - MINUTES	
7	3		HAC			CONTROL SUBSYS	PV - CONTROL SUBSYSTEM - PRELIMINARY DESIGN REVIEW - PART II - SEC 4.0 HARDWARE AND OTHER	
<b>7</b>	<b>4</b>						<b>PV - PROPOSALS, DESIGN &amp; DEVELOPEMENT</b>	
7	4		HAC	HS507-0755	Aug-73	HAC-PV S/C SYS PROPOSAL	VOL I - TECHNICAL PROPOSAL - PROPOSAL FOR DESIGN AND DEVELOPMENT OF THE PIONEER VENUS SPACECRAFT SYSTEM	
7	4		HAC	HS507-0755	Aug-73	HAC-PV S/C SYS PROPOSAL	VOL IA - DEVELOPMENT PLAN - PROPOSAL FOR DESIGN AND DEVELOPMENT OF THE PIONEER VENUS SPACECRAFT SYSTEM	
7	4		HAC	HS507-0755	Aug-73	HAC-PV S/C SYS PROPOSAL	VOL II - DPROGRAM MANAGEMENT PLAN - PROPOSAL FOR DESIGN AND DEVELOPMENT OF THE PIONEER VENUS SPACECRAFT SYSTEM	
7	4		HAC	HS507-0755	Aug-73	HAC-PV S/C SYS PROPOSAL	VOL III - COST PROPOSAL, BOOK 1 - COST PROPOSAL SUMMARY - PROPOSAL FOR DESIGN AND DEVELOPMENT OF THE PIONEER VENUS SPACECRAFT SYSTEM	
7	4		HAC	HS507-0755	Aug-73	HAC-PV S/C SYS PROPOSAL	VOL III - COST PROPOSAL, BOOK 2 - CONCEPTUAL DESIGN PHASE - PROPOSAL FOR DESIGN AND DEVELOPMENT OF THE PIONEER VENUS SPACECRAFT SYSTEM	
7	4		HAC	HS507-0755	Aug-73	HAC-PV S/C SYS PROPOSAL	VOL III - COST PROPOSAL, BOOK 3 - DESIGN/DEVELOPMENT/OPERATIONS PHASE - PROPOSAL FOR DESIGN AND DEVELOPMENT OF THE PIONEER VENUS SPACECRAFT SYSTEM	
7	4		HAC	HS507-0755	Aug-73	HAC-PV S/C SYS PROPOSAL	VOL III - COST PROPOSAL, BOOK 3A - DESIGN/DEVELOPMENT/OPERATIONS PHASE - PROPOSAL FOR DESIGN AND DEVELOPMENT OF THE PIONEER VENUS SPACECRAFT SYSTEM	
7	4		HAC	HS507-0755	Aug-73	HAC-PV S/C SYS PROPOSAL	VOL III - COST PROPOSAL, BOOK 4 - DETAILS FOR OTHER DIRECT COSTS - PROPOSAL FOR DESIGN AND DEVELOPMENT OF THE PIONEER VENUS SPACECRAFT SYSTEM	
7	4		HAC	HS507-0755	Aug-73	HAC-PV S/C SYS PROPOSAL	VOL III - COST PROPOSAL, BOOK 5 - CONTRACTURAL - PROPOSAL FOR DESIGN AND DEVELOPMENT OF THE PIONEER VENUS SPACECRAFT SYSTEM	
7	4		HAC	HS507-0755	Aug-73	HAC-PV S/C SYS PROPOSAL	VOL III - COST PROPOSAL, BOOK 6 - TASK STATEMENTS, SUMMARY - PROPOSAL FOR DESIGN AND DEVELOPMENT OF THE PIONEER VENUS SPACECRAFT SYSTEM	
<b>7</b>	<b>5</b>						<b>PV - PROPOSALS, DESIGN &amp; DEVELOPMENT &amp; SEB</b>	
7	5		HAC	HS507-0865	Sep-73	HAC-PV S/C SYS PROPOSAL	PROPOSAL FOR DESIGN AND DEVELOPMENT OF PIONEER VENUS SPACECRAFT SYSTEM / ANSWERS TO QUESTIONS-ANSWERS TO QUESTIONS	
7	5		HAC	HS507-1054	May-74	HAC-PV PROGRAM SYS INTEGRATION TEST	PV PROGRAM SYSTEMS INTEGRATION, TEST & LAUNCH OPERATIONAL PLAN	
7	5		HAC	HS507-1055	Oct-74	HAC-PROGRAM PRODUCT EFFECTIVENESS	PV PROGRAM PRODUCT EFFECTIVENESS & SAFETY PLAN	
7	5		HAC	HS507-1360	Sep-74	HAC-PV PROGRAM	PV PROGRAM - TEST PROGRAM PLAN	
7	5		HAC	HS507-0422	26-Feb-73	HAC-PV S/C SYS DESIGN	PV SPACECRAFT SYSTEM DESIGN STUDY - COST COMPARISON	

7	5		HAC	HS507-0422		26-Feb-73	HAC-PV S/C SYS DESIGN	PV SPACECRAFT SYSTEM DESIGN STUDY - STUDY REVIEW		
7	5		HAC	HS507-1053	1	Oct-74	HAC-PV PROGRAM DEV PLAN	PV PROGRAM DEVELOPMENT PLAN		
7	5		HAC	HS507-0022-45		1-Dec-72	HAC-PV S/C SYS DESIGN	SYSTEMS DESIGN STUDY OF PIONEER VENUS SPACECRAFT		
7	5		HAC			19-Sep-73	HAC-PV SEB ORAL	PIONEER VENUS SEB ORAL PRESENTATION		
7	5		HAC	HS507-1053		Jul-74	HAC-PV PROGRAM DEV PLAN	PV PROGRAM DEVELOPMENT PLAN		
7	5		HAC	HS507-0106		May-72	HAC-PV S/C SYS DESIGN	PROPOSAL FOR SYSTEM DESIGN STUDY OF VENUS PIONEER SPACECRAFT, VOL II BUSINESS MANAGEMENT		