

FILE #	DRAWER #	ITEM	UFI #	SOURCE	REF #	REV.	DATE	TYPE	SUBJECT	FROM	TO
PIONEER PROJECT											
PIONEER VENUS											
19	1								<b>PV SPACECRAFT - SYS DESIGN STUDY</b>		
19	1			TRW			29-Jul-73	PV S/C DESIGN STUDY	SYSTEMS DESIGN STUDY OF PIONEER VENUS SPACECRAFT -VOL 1, PART 1, SEC 1-4 TECHNICAL ANALYSIS & TRADEOFFS		
19	1			TRW			29-Jul-73	PV S/C DESIGN STUDY	SYSTEMS DESIGN STUDY OF PIONEER VENUS SPACECRAFT -VOL 1, PART 2, SEC 5-6 TECHNICAL ANALYSIS & TRADEOFFS		
19	1			TRW			29-Jul-73	PV S/C DESIGN STUDY	SYSTEMS DESIGN STUDY OF PIONEER VENUS SPACECRAFT -VOL 1, PART 3, SEC 7 TECHNICAL ANALYSIS & TRADEOFFS		
19	1			TRW			29-Jul-73	PV S/C DESIGN STUDY	SYSTEMS DESIGN STUDY OF PIONEER VENUS SPACECRAFT -VOL 1, PART 4, SEC 8-12 TECHNICAL ANALYSIS & TRADEOFFS		
19	1			TRW			29-Jul-73	PV S/C DESIGN STUDY	SYSTEMS DESIGN STUDY OF PIONEER VENUS SPACECRAFT - VOL 11 PRELIMINARY PROGRAM DEVELOPMENT PLAN		
19	1			TRW			29-Jul-73	PV S/C DESIGN STUDY	SYSTEMS DESIGN STUDY OF PIONEER VENUS SPACECRAFT- VOL 111 SPECIFICATIONS		
19	1			TRW			29-Jul-73	PV S/C DESIGN STUDY	SYSTEMS DESIGN STUDY OF PIONEER VENUS SPACECRAFT - EXECUTIVE SUMMARY		
19	1			TRW			29-Jul-73	PV S/C DESIGN STUDY	SYSTEMS DESIGN STUDY OF PIONEER VENUS SPACECRAFT - APPENDICES TO VOL I, SEC 3-6		
19	1			TRW			29-Jul-73	PV S/C DESIGN STUDY	SYSTEMS DESIGN STUDY OF PIONEER VENUS SPACECRAFT - APPENDICES TO VOL I, SEC 7		
19	1			TRW			29-Jul-73	PV S/C DESIGN STUDY	SYSTEMS DESIGN STUDY OF PIONEER VENUS SPACECRAFT - APPENDICES TO VOL I, SEC 8-11		
19	2								<b>PIONEER VENUS STAR SENSOR / SUN SENSOR</b>		
19	2			HAC			1974-1976	SUN SENSOR	PV - SUN SENSOR DESIGN REVIEW NOTICE, TEST SPEC., CLOSEOUT DOC		
19	2			HAC			1976-1977	SUN SENSOR	PV - SUN SENSOR - TEST DATA PACKAGES		
19	2			HAC			1975-1976	SUN SENSOR	PV - SUN SENSOR - TEST SPECS, FDR CLOSEOUT, DESIGN REVIEW NOTICE		
19	2			BBRC			1976	STAR SENSOR	PV - STAR SENSOR DWGS, SYS ENGINEERING REPORT		
19	2			BBRC	HS507-1396-217		26-May-77	STAR SENSOR	END-ITEM DATA PKG FOR PV STAR SENSOR, BBRC P/N 48825.1, BBRC S/N 03, HAC S/N 02 - VOL I		
19	2			BBRC	HS507-1396-219			STAR SENSOR	RADIOMETRIC CALIBRATION & STAR CATALOG, A SUPPLEMENT		
19	2			BBRC	52061			STAR SENSOR	STAR SENSOR ACCEPTANCE TEST PROCEDURE		
19	2			BBRC			3-Mar-76	STAR SENSOR	DESIGN ANALYSIS REPORT SUPPORT DOCUMENT FOR PIONEER VENUS PROGRAM		
19	2			BBRC				STAR SENSOR	STAR SENSOR SCHMATIC DIAGRAMS		
19	2			BBRC			24-Jun-75	STAR SENSOR	STAR SENSOR PRELIMINARY DESIGN REVIEW		
19	2			BBRC	HS507-1396-108		19-Sep-75	STAR SENSOR	DETECTOR SIGNAL CHARACTERISTICS DEMONSTRATION RPT STAR SENSOR UNIT / PV PROGRAM		
19	2			BBRC	HS507-1396-105		3-Mar-76	STAR SENSOR	SIGNAL ANALYSIS AMMENDMENT #2 - STAR SENSOR UNIT		
19	2			BBRC	HS507-1396-34		4-Jun-75	STAR SENSOR	DEVELOPMENT TEST STATUS STAR SENSOR UNIT PIONEER VENUS PROGRAM		
19	2			BBRC	HS507-11396-51	1	12-Nov-75	STAR SENSOR	THERMAL ANALYSIS REPORT STAR SENSOR UNIT PIONEER VENUS PROGRAM		
19	2			BBRC	HS507-13396-32		4-Jun-75	STAR SENSOR	DETAILED ANALYSIS TRADE-OFF STUDIES STAR SENSOR UNIT PIONEER VENUS PROGRAM		
19	2			BBRC	HS507-1396-51		16-Jul-75	STAR SENSOR	THERMAL ANALYSIS REPORT STAR SENSOR UNIT PIONEER VENUS PROGRAM		
19	2			BBRC	HS507-1396-25		15-May-75	STAR SENSOR	SIGNAL ANALYSIS STAR SENSOR UNIT PIONEER VENUS PROGRAM		
19	2			BBRC			3-Mar-76	STAR SENSOR	DESIGN ANALYSIS STAR SENSOR UNIT PIONEER VENUS PROGRAM		
19	2			BBRC	HS507-1396-215		5-May-77	STAR SENSOR	TEST REPORT QUALIFICATIONS STAR SENSOR UNIT BBRC S/N 02, HAC S/N 1		
19	2			HAC	HS507/4925		31-Mar-76	STAR SENSOR	PIONEER VENUS STAR SENSOR PRELIMINARY DESIGN REVIEW ACTION ITEM SUMMARY	G ZIMMER	A NEIL
19	2			HAC	PS31639-051	B	23-Dec-75	STAR SENSOR	PROCEDURE SPECIFICATION FOR PIONEER VENUS PROGRAM STAR SENSOR		
19	2			HAC	PS31639-051	B	31-Mar-75	STAR SENSOR	PROCEDURE SPECIFICATION FOR PIONEER VENUS PROGRAM STAR SENSOR		
19	2			HAC	PS31639-051	B	19-Jun-75	STAR SENSOR	PROCEDURE SPECIFICATION FOR PIONEER VENUS PROGRAM STAR SENSOR		
19	2			BBRC			14-May-75	STAR SENSOR	SIGNAL ANALYSIS FOR PIONEER VENUS STAR SENSOR		
19	2			BBRC	HS507-1396-35		5-Jun-75	STAR SENSOR	PLANS FOR TESTING PIONEER VENUS STAR SENSOR UNIT		
19	2			BBRC	HS507-1396-116		9-Apr-76	STAR SENSOR	FINAL DESIGN REVIEW MINUTES FOR PIONEER VENUS STAR SENSOR UNIT		
19	2			HAC				STAR SENSOR	STAR SENSOR WAIVERS		
19	2			HAC	HS507-139660199		18-Feb-77	STAR SENSOR	STAR SENSOR FAILURE & MALFUNCTION REPORTS		
19	2			BBRC				STAR SENSOR	ENGINEERING MODEL UNIT DATA LOG STAR SENSOR UNIT PIONEER VENUS PROGRAM		
19	3								<b>PIONEER VENUS AWARDS AND BIBLIOGRAPHY - ECLIPSE SEASONS - UADS</b>		
19	3			NASA/ARC			1985	BIBLIOGRAPHIES	PIONEER VENUS BIBLIOGRAPHY		
19	3			NASA/ARC				AWARD CERTIFICATES	PIONEER VENUS AWARD CERTIFICATES		
19	3			NASA/ARC				ECLIPSE SEASON	PV 1ST ECLIPSE SEASON - ORBITS 24-124		
19	3			NASA/ARC				ECLIPSE SEASON	PV 2ND ECLIPSE SEASON - ORBITS 247-349		
19	3			NASA/ARC				ECLIPSE SEASON	PV 3RD ECLIPSE SEASON - ORBITS 472-573		
19	3			NASA/ARC				ECLIPSE SEASON	PV 4TH ECLIPSE SEASON - ORBITS 7001-789		
19	3			NASA/ARC				ECLIPSE SEASON	PV 5TH ECLIPSE SEASON - ORBITS 9300-1010		
19	3			NASA/ARC				ECLIPSE SEASON	PV 6TH ECLIPSE SEASON - ORBITS 1157-1232		

19	3		NASA/ARC			ECLIPSE SEASON	PV 7TH ECLIPSE SEASON - ORBITS 1384-1455		
19	3		NASA/ARC			ECLIPSE SEASON	PV 8TH ECLIPSE SEASON - ORBITS 1611-1681		
19	3		NASA/ARC			ECLIPSE SEASON	PV 9TH ECLIPSE SEASON - ORBITS 1838-1900		
19	3		NASA/ARC			ECLIPSE SEASON	PV 10TH ECLIPSE SEASON - ORBITS 2062-2124		
19	3		NASA/ARC			ECLIPSE SEASON	PV 11TH ECLIPSE SEASON - ORBITS 2289-2348		
19	3		NASA/ARC			ECLIPSE SEASON	PV 12TH ECLIPSE SEASON - ORBITS 2512-2574		
19	3		NASA/ARC			ECLIPSE SEASON	PV 13TH ECLIPSE SEASON - ORBITS 2739-2797		
19	3		NASA/ARC			ECLIPSE SEASON	PV 14TH ECLIPSE SEASON - ORBITS 2963-3020		
19	3		NASA/ARC			ECLIPSE SEASON	PV 15TH ECLIPSE SEASON - ORBITS 3187-3248		
19	3		NASA/ARC			ECLIPSE SEASON	PV 16TH ECLIPSE SEASON - ORBITS 3412-3473		
19	3		NASA/ARC			ECLIPSE SEASON	PV 17TH ECLIPSE SEASON - ORBITS 3635-3699		
19	3		NASA/ARC			ECLIPSE SEASON	PV 18TH ECLIPSE SEASON - ORBITS 3859-3924		
19	3		NASA/ARC			ECLIPSE SEASON	PV 19TH ECLIPSE SEASON - ORBITS 4082-4151		
19	3		NASA/ARC			ECLIPSE SEASON	PV 20TH ECLIPSE SEASON - ORBITS 4305-4378		
19	3		NASA/ARC			ECLIPSE SEASON	PV 21ST ECLIPSE SEASON - ORBITS 4527-4605		
19	3		NASA/ARC			ECLIPSE SEASON	PV 22ND ECLIPSE SEASON - ORBITS 4748-4834		
19	3		NASA/ARC			ECLIPSE SEASON	PV 23RD ECLIPSE SEASON - ORBITS 4966-5065		
19	3		NASA/ARC		1981	UADS	PV - UADS "MAILBOX MESSAGES & USAGE PRINTOUTS		
19	3		NASA/ARC		1983-1984	UADS	PV - UADS COMMITTEE		
19	3		NASA/ARC			UADS	PV - UADS CONVERSION		
19	3		NASA/ARC			UADS	PV - UADS CONTRACTS & INFORMATION		
19	3		NASA/ARC			UADS	PV - UADS - ASSORTED DATA		
<b>19</b>	<b>4</b>						<b>PIONEER VENUS - ACS - DCE - ADP - BAPTA - PROPULSION, ETC.</b>		
							STATUS REPORT #2 - CONTROLS SUBSYSTEM PRELIMINARY DESIGN REVIEW RECOMMENDATIONS - ACS		
19	4		HAC	HS507/3354	21-Jul-75	ACS		A NEIL	DISTRIBUTION
19	4		HAC	HS507/3969	10-Oct-75	PHASE LOCK LOOP	PIONEER VENUS PHASE LOCK LOOP PERFORMANCE CHARACTERISTICS	D MACGUGAN	A NEIL
19	4					JET LAYOUT	PIONEER VENUS JET LAYOUT / ASSIGNMENT CALIBRATIONS		
19	4		HAC	HS507/2571	10-Apr-75	ATTITUDE DATA PROCESSOR	DESIGN REVIEW - ATTITUDE DATA PROCESSOR		
19	4		NASA/HAC		20-May-76	STAR SENSOR	PIONEER VENUS STAR SENSOR SOLAR FLARE RADIATION		G ZIMMER
19	4		HAC	HS507-4175	17-Nov-75	BAPTA	PV - BAPTA DESIGN REVIEW		
19	4		HAC		1976	BAPTA	PV - BAPTA DETAILED PROCESS SPEC		
19	4		HAC		1975	ACS	PV - NUTATION DAMPER - ACS		
19	4		HAC		1975	BAPTA	PV - BAPTA - ASSORTED DATA		
19	4		HAC		1975-1977	ALERTS	PV - IMPACT ALERTS - FLIGHT OPS.		
19	4		HAC		1976	BAPTA	PV - BAPTA, P/N 3385065-100, S/N 001, FLIGHT ACCEPTANCE TEST & OTHER DATA		
19	4		HAC		1975-1978	HGA	PV - HGA POINTING CONTROL		
19	4		HAC		1975-1976	HGA	PV - HGA DESIGN REVIEW, SPECS & SPEC CHANGE NOTICES		
19	4		HAC/FANSTEEL		1973-1975	HYDRAZINE	PV - HYDRAZINE TANK - PROD. SPECS., FDR, DWGS, SOW, ETC		
19	4		HAC		1975	PROPULSION	PV - PROPULSION / OIM SUBSYSTEM CLOSEOUT, PDR, ETC.		
19	4		HAC		1974-1975	PROPULSION	PV - PROPULSION SUBSYSTEM, ORBITER / BUS		
19	4		JPL/NASA/ARC		1971-1972	ATTITUDE	PV - ATTITUDE DISTURBANCES ( SOLAR PRESSURE & SOLAR RADIATION FORCES AND TORQUES)		
19	4		HAC		1974-1976	ATTITUDE	PVO - DISTURBANCES & TORQUES - (SOLAR)		
<b>19</b>	<b>5</b>						<b>EMPTY</b>		
19	5					EMPTY	EMPTY		