

PIONEER PROJECT											
PIONEER VENUS											
FILE #	DRAWER #	ITEM	UFI#	SOURCE	REF #	REV.	DATE	KEY	SUBJECT	FROM	TO
5	1								PV - SPECIFICATIONS - PC-454 TO PC-496		
5	1			NASA/ARC	PC-454 - VOL I			REAL TIME SOFTWARE	REAL TIME SOFTWARE REQUIREMENTS 450.00 - 454.05		
5	1			NASA/ARC	PC-454 - VOL II			REAL TIME SOFTWARE	REAL TIME SOFTWARE REQUIREMENTS 454.06 - 454.18		
5	1			NASA/ARC	PC-454 - VOL III			REAL TIME SOFTWARE	REAL TIME SOFTWARE REQUIREMENTS 454.19 - 454.30		
5	1			NASA/ARC	PC-455			SOFTWARE	COMMAND & CONTROL DATA PROCESSING SYSTEM SOFTWARE SPECIFICATION		
5	1			NASA/ARC	PC-456			DRPS	DATA RECORDS PROCESSING SYSTEM (DRPS)		
5	1			NASA/ARC	PC-457			COMPUTER REQUIREMENTS	FUNCTIONAL REQUIREMENTS FOR COMPUTER PROGRAM FOR MIDCOURSE MANEUVERS		
5	1			NASA/ARC	PC-458			SOFTWARE	SPACECRAFT SIMULATOR SOFTWARE SPECIFICATION		
5	1			NASA/ARC	PC-460			S/C BUS SCI INSTRUMENT	REQUIREMENTS FOR BUS SPACECRAFT SCIENCE INSTRUMENT SYSTEMS TEST		
5	1			NASA/ARC	PC-461			S/C LG PRB SCI INSTRUMENT	REQUIREMENTS FOR LARGE PROBE SPACECRAFT SCIENCE INSTRUMENT SYSTEMS TEST		
5	1			NASA/ARC	PC-462			S/C SML PRB SCI INSTRUMENT	REQUIREMENTS FOR SMALL PROBE SPACECRAFT SCIENCE INSTRUMENTS SYSTEMS TEST		
5	1			NASA/ARC	PC-463			S/C ORBITER SCI INSTRUMENT	REQUIREMENTS FOR ORBITER SPACECRAFT SCIENCE INSTRUMENTS SYSTEMS TEST		
5	1			NASA/ARC	PC-470			MLTPRB	PV MULTIPROBE MISSION PLAN		
5	1			NASA/ARC	PC-474			ORBITER	PV ORBITER MISSION PLAN - GENERAL		
5	1			NASA/ARC	PC-476			ORBITER	PLANS FOR ORBITER PROPULSION MANEUVERS		
5	1			NASA/ARC	PC-488			ORBITER	PV ORBITER IN-ORBIT OPERATIONS		
5	1			NASA/ARC	PC-490			MULTPRB & ORBITER	FLIGHT ENVIRONMENTS FOR MULTIPROBE & ORBITER MISSIONS		
5	1			NASA/ARC	PC-491			MLTPRB & ORBITER	TARGETING CRITERIA FOR MULTIPROBE & ORBITER MISSIONS		
5	1			NASA/ARC	PC-495			PLANETARY CONTAMINATION	PV PRELAUNCH ANALYSIS OF PROBABILITY OF PLANETARY CONTAMINATION		
5	1			NASA/ARC	PC-496			S/C MLTPRB & ORBITER	PV MULTIPROBE & ORBITER SPACECRAFT: RF EQUIPMENT & TRAJECTORY GENERAL INFORMATION		
5	2								PV - SPECIFICATIONS - PC-400 TO PC-453		
5	2			NASA/ARC	PC-400			PV PROJ PLAN	PIONEER VENUS PROJECT PLAN		
5	2			NASA/ARC	PC-402			S/C ORBITER	PV ORBITER SPACECRAFT MISSION OPERATIONAL CHARACTERISTICS DOCUMENT		
5	2			NASA/ARC	PC-404			GROUND DATA SYS	DESCRIPTION OF GROUND DATA SYSTEM		
5	2			NASA/ARC	PC-405			S/C MLTPRB	PV MULTIPROBE SPACECRAFT HANDLING PLAN		
5	2			NASA/ARC	PC-407			MLTPRB & ORB QUARANTINE	MULTIPROBE & ORBITER PLANETARY QUARANTINE PLAN		
5	2			NASA/ARC	PC-408			ORBITER	EASTERN TEST RANGE MAGNETIC CONTROL PLAN - ORBITER		
5	2			NASA/ARC	PC-410			S/C MLTPRB & ORBITER	MULTIPROBE AND ORBITER SPACECRAFT AND RELATED REQUIREMENTS		
5	2			NASA/ARC	PC-411			GROUND SUPPORT	GROUND SUPPORT EQUIPMENT REQUIREMENTS		
5	2			NASA/ARC	PC-412			SCIENCE INSTRUMENTS	SCIENCE INSTRUMENTS AND RELATED REQUIREMENTS		
5	2			NASA/ARC	PC-413			S/C MLTPRB & ORBITER	MULTIPROBE SPACECRAFT & ORBITER SPACECRAFT SIMULATOR & RELATED REQUIREMENTS		
5	2			NASA/ARC	PC-415			CLOUD PARTICLE/SPECTROMETER	CLOUD PARTICLE SIZE SPECTROMETER PERFORMANCE & RELATED REQUIREMENTS		
5	2			NASA/ARC	PC-416			SOLAR FLUX RADIOMETER/LG PRB	LARGE PROBE SOLAR FLUX RADIOMETER (ARIZ/SFR) PERFORMANCE & RELATED REQUIREMENTS		
5	2			NASA/ARC	PP-418			OPA DESIGN	PIONEER VENUS ORBITER PLASMA ANALYSER DESIGN SPECIFICATION		
5	2			NASA/ARC	PC-420			NEP	NEPHELOMETER PERFORMANCE & REQUIREMENTS		
5	2			NASA/ARC	PC-421			INFRARED RADIOMETER	INFRARED RADIOMETER PERFORMANCE & RELATED REQUIREMENTS		
5	2			NASA/ARC	PC-430			S/C BUS	BUS SPACECRAFT SCIENTIFIC INSTRUMENT INTERFACE		
5	2			NASA/ARC	PC-431			S/C LG PRB	LARGE PROBE SPACECRAFT SCIENTIFIC INSTRUMENT INTERFACE		
5	2			NASA/ARC	PC-432			S/C SML PROBE	SMALL PROBE SPACECRAFT SCIENTIFIC INSTRUMENT INTERFACE		
5	2			NASA/ARC	PC-433			S/C ORB	ORBITER SPACECRAFT SCIENTIFIC INSTRUMENT INTERFACE		
5	2			NASA/ARC	PC-434			MLTPRB & ORBITER	MULTIPROBE & ORBITER LAUNCH VEHICLE INTERFACE		
5	2			NASA/ARC	PC-435			S/C MLTPRB & ORBITER	MULTIPROBE & ORBITER SPACECRAFT DSIF INTERFACE		
5	2			NASA/ARC	PC-440			KSC & CAPE CANAVERAL	REQUIREMENTS FOR ACTIVITIES AT CAPE CANAVERAL STATION & KENNEDY SPACE CENTER		
5	2			NASA/ARC	PC-450			EGSE	EGSE COMPUTER PROGRAMMING SPECIFICATIONS FOR BUS & INTEGRATED MULTIPROBE SCIENCE INSTRUMENTS		
5	2			NASA/ARC	PC-451			EGSE	EGSE COMPUTER PROGRAMMING SPECIFICATIONS SMALL PROBE SCIENTIFIC INSTRUMENTS		
5	2			NASA/ARC	PC-452			EGSE	EGSE COMPUTER PROGRAMMING SPECIFICATIONS ORBITER SCIENTIFIC INSTRUMENTS		
5	2			NASA/ARC	PC-453			EGSE	EGSE COMPUTER PROGRAMMING SPECIFICATIONS LARGE PROBE SCIENTIFIC INSTRUMENTS		
5	2			NASA/ARC	PC-464			S/C MLTPRB & ORB	PIONEER VENUS ORBITER & MULTIPROBE SPACECRAFT / DSN TELECOMMUNICATIONS COMPATIBILITY TEST REQUIREMENTS		
5	3								PV - SPECS & PROCUREMENTSPECS, DEV SPEC & SPEC CHANGES & OTHER DATA		
5	3			NASA/ARC				PV PROJ PLAN SYS DESIGN	PV PROJECT PLAN SYSTEM DESIGN & EXECUTION PLAN		
5	3			NASA/ARC	P-400			CONTINGENCY	CONTINGENCY ANALYSIS		
5	3			NASA/ARC	PD-401			PVO EXP DESCRIPTION	PIONEER VENUS ORBITER MISSION EXPERIMENT DESCRIPTION		
5	3			NASA/ARC	PD-402			PV MLTPRB EXP DESCRIPTION	PIONEER VENUS MULTIPROBE MISSION EXPERIMENT DESCRIPTION		
5	3			NASA/ARC	PN-400			ATTITUDE MEASUREMENT	PV ATTITUDE MEASUREMENT & CONTROL CONCEPTUAL PLAN		
5	3			NASA/ARC	PS-401			OPS SOFTWARE	STANDARDS FOR DEVELOPMENT & MAINTENANCE OF PIONEER OPERATIONS SOFTWARE		
5	3			NASA/ARC	PT-400			ORB MISSION ANALYSIS	PV ORBITER PRELIMINARY MISSION ANALYSIS & TRADE-OFF STUDIES		
5	3			NASA/ARC	PT-401			MLTPRB MISSION ANALYSIS	PV MULTIPROBE PRELIMINARY MISSION ANALYSIS & TRADE-OFF STUDIES		
5	3			NASA/ARC	PT-402			ORB TRAJECTORY	TRAJECTORY CHARACTERISTICS FOR ORBITER MISSION		
5	3			NASA/ARC	PT-403			MLTPRB TRAJECTORY	PV MULTIPROBE MISSION TRAJECTORY CHARACTERISTICS		

5	3	NASA/ARC	PV-1000			SYS REQTS SPEC	SYSTEM REQUIREMENTS SPECIFICATION		
5	3	NASA/ARC	PV-1006			SUPPLEMENTAL REQTS	SUPPLEMENTAL REQUIREMENTS DOCUMENT		
5	3	NASA/ARC	PV-1011			MLTPRB EXP PLANNING	EXPERIMENTER PLANNING GUIDELINES FOR MULTIPROBE MISSION		
5	3	HAC	DS31639-034-1		28-Jan-76	TELEMETRY PROCESSOR	PV TELEMETRY FORMAT PROM DEVELOPMENT SPEC FOR TELEMETRY PROCESSOR P/N 3385034-100		
5	3	HAC	DS31639-730		12-Nov-75	INSTRUMENT INTEGRATION	INSTRUMENT INTEGRATION CONSOLE DEVELOPMENT SPEC		
5	3	HAC	DP50122		30-Jan-76	BAPTA	PV BEARING & POWER TRANSFER ASSEMBLY DETAILED PROCESS SPEC		
5	3	HAC	DP50128		2-Feb-76	ANTENNA POSITIONER	PV ANTENNA POSITIONER MECHANISM DETAILED PROCESS SPEC		
5	3	HAC	IS31639-002		17-Jan-77	LG PRB INTERFACE	PV LARGE PROBE INTERFACE CONTROL DOC		
5	3	HAC	IS31639-003		10-Feb-77	SML PRB INTERFACE	PV SMALL PROBE INTERFACE CONTROL DOC		
5	3	HAC	DS31639-042		15-Jan-76	READ ONLY MEMORY	PV PROGRAMMABLE READ ONLY MEMORY DEVELOPMENT SPEC FOR COMMAND PROCESSOR P/N 3385042-100		
5	3	HAC	PS31639-400	B	17-Jan-77	DECEL MODULE SML PRB	PV SMALL PROBE DECELERATION MODULE PROCUREMENT SPEC		
5	3	HAC	PS31639-011	A	26-Mar-75	TRANSPONDER/PRB EXCITER	PV TRANSPONDER / PROBE EXCITER PROCUREMENT SPEC		
5	3	HAC	PS31639-051	B	20-Jan-76	STAR SENSOR	PV CONTROLS SUBSYSTEM STAR SENSOR PROCUREMENT SPEC		
5	3	HAC	PS31639-300	B	28-Jan-76	DECEL MODULE LG PRB	PV LARGE PROBE DECELERATION MODULE PROCUREMENT SPEC		
5	3	HAC	PS31639-031	B	7-May-75	DATA STORAGE UNIT	PV PROGRAM DATA STORAGE UNIT PROCUREMENT SPEC		
5	3	HAC	PS31925-001	E	6-Feb-76	MEMORY CORE STACK	PV MEMORY CORE STACK PURCHASE SPEC		
5	3	HAC	PS31639-031	B	19-Dec-75	DATA STORAGE UNIT	PV PROGRAM DATA STORAGE UNIT PROCUREMENT SPEC		
5	3	HAC	TP32011-074		4-Jan-77	SML PRB HARNESS SHAKEDOWN	PV SMALL PROBE HARNESS SHAKEDOWN PROCEDURE		
5	3	HAC	TP32011-211		31-Jan-77	ORB HARNESS SHAKEDOWN	PV ORBITER HARNESS SHAKEDOWN PROCEDURE		
5	3	HAC	TP31639-101	A	11-Feb-76	HYDRAZINE THRUST CHAMBER	HYDRAZINE THRUST CHAMBER ASSY - 1 lbf ACCEPTANCE TEST PROCEDURES & REQUIREMENTS		
5	3	HAC	TP32011-017	A	31-Jan-78	BUS S/C COMMUNICATIONS	PV BUS SPACECRAFT COMMUNICATIONS SUBSYSTEM DETAILED PERFORMANCE TEST PROCEDURE		
5	3	HAC	TS31639-012		2-Mar-77	BUS COMMUNICATIONS	BUS COMMUNICATIONS SUBSYSTEM TEST REQUIREMENTS & PROCEDURES		
5	3	HAC	PS31639-400	B	28-Jan-76	SML PRB DECEL MODULE	PV SMALL PROBE DECELERATION MODULE PROCUREMENT SPEC		
5	3	HAC	PS31639-300	B	17-Jan-77	LG PRB DECEL MODULE	PV LARGE PROBE DECELERATION MODULE PROCUREMENT SPEC		
5	3	HAC	PS31639-400	B	27-Feb-76	SML PRB DECEL MODULE	PV SMALL PROBE DECELERATION MODULE PROCUREMENT SPEC		
5	3	HAC	PS31639-300	B	10-Feb-77	LG PRB DECEL MODULE	PV LARGE PROBE DECELERATION MODULE PROCUREMENT SPEC		
5	3	HAC	TP31639-101	A	2-Feb-76	HYDRAZINE THRUST CHAMBER	HYDRAZINE THRUST CHAMBER ASSY - 1 lbf ACCEPTANCE TEST PROCEDURE		
5	3	HAC	IS31639-003		17-Jan-77	SML PRB INTERFACE	PV SMALL PROBE INTERFACE CONTROL DOCUMENT		
5	3	HAC	TP32011-046		10-Feb-77	LG PRB COMMUNICATIONS	PV LARGE PROBE COMMUNICATIONS SUBSYSTEM DETAILED PERFORMANCE TEST PROCEDURE		
5	3	HAC	TP32011-080		16-Feb-77	SML PRB COMMUNICATIONS	PV SMALL PROBE COMMUNICATIONS SUBSYSTEM DETAILED PERFORMANCE TEST PROCEDURE		
5	3	HAC	DS31639-232		22-Feb-77	PROBES CMD/DATA SUBSYS	PV PROBES CMD/DATA SUBSYSTEM - FORMAT & DESCENT SEQUENCE PROMS DEVELOPMENT SPEC FOR C/DU		
5	3	HAC	IS31639-002		21-Jul-75	LG PRB INTERFACE	PV LARGE PROBE INTERFACE CONTROL DOCUMENT		
5	3	HAC	IS31639-003		21-Jul-75	SML PRB INTERFACE	PV SMALL PROBE INTERFACE CONTROL DOCUMENT		
5	3	HAC	SS31639-101		14-Jul-75	ORB/BUS PROPULSION SUBSYS	ORBITER / BUS PROPULSION SUBSYSTEM SPEC		
5	3	HAC	SS31639-211		17-Sep-75	PROBES COMM SUBSYS	PV PROBES COMMUNICATION SUBSYSTEM SPEC		
5	3	HAC	TP32011-205-2		15-Nov-77	DSN SML PRB	PV SMALL PROBE DSN STRONG SIGNAL COMPATIBILITY TEST PROCEDURE		
5	3	ALLIED SIGNAL	NAS2-13818		JUN94-MAR97	ALLIED SIGNAL REPORTS	PN 10/11 - MONTHLY CONTRACT REPORTS		
5	3	NASA/ARC			1990-1994	PN-PROJ MGMT REPORTS	PIONEER MISSION PROJECT MANAGEMENT REPORTS		
5	4						PV -TEST SPEC & SPEC CHANGE NOTICES		
5	4	HAC	SS-31639-020	B	2-Mar-77	S/C LG PRB SYS SPEC	PIONEER VENUS LARHE PROBE SPACECRAFT SYSTEM SPECIFICATION		
5	4	HAC	SS-31639-030	B	2-Mar-77	S/C SML PRB SYS SPEC	PIONEER VENUS SMALL PROBE SPACECRAFT SYSTEM SPECIFICATION		
5	4	HAC	SS-31639-031		12-Feb-76	BUS/ORB DATA HANDLING	PIONEER VENUS SUBSYSTEM SPECIFICATION FOR BUS & ORBITER DATA HANDLING SUBSYSTEM, PN 3388031-100		
5	4	HAC	SS-31639-001	B	27-Dec-76	S/C MLTPRB SYS SPEC	PIONEER VENUS MULTIPROBE SPACECRAFT SYSTEM SPECIFICATION		
5	4	HAC	SS31639-030	A	6-Aug-75	S/C SML PRB	PV SMALL PROBE SPACECRAFT SYSTEM SPEC		
5	4	HAC	TS31639-021		14-Nov-75	X-BAND TRANSMITTER	X-BAND TRANSMITTER TEST REQUIREMENT & PROCEDURE		
5	4	HAC	TS31639-804		19-Jul-76	S & C SWITCHES	"S" & "C" SWITCH ASSEMBLIES SUPPLEMENTARY TEST REQUIREMENT & PROCEDURE		
5	4	HAC	SS31639-030	A	11-Nov-75	S/C SML PRB SYS	PV SMALL PROBE SPACECRAFT SYSTEM		
5	4	HAC	SS31639-030		31-Mar-75	S/C SML PRB SYS SPEC	PV SMALL PROBE SPACECRAFT SYSTEM SPEC		
5	4	HAC	SS31639-020	A	11-Nov-75	S/C LG PRB SYS	PV LARGE PROBE SPACECRAFT SYSTEM		
5	4	HAC	SS31639-020	A	3-Nov-75	S/C LG PRB SYS SPEC	PV LARGE PROBE SPACECRAFT SYSTEM SPEC		
5	4	HAC	SS31639-020	A	13-Aug-75	LARGE PROBE S/C SYS	PV LARGE PROBE SPACECRAFT SYSTEM SPEC		
5	4	HAC	TS31639-053		6-Apr-77	PC CONTROLS	PC CONTROLS SUBSYSTEM TEST SPEC BAPTA		
5	4	HAC	SS31639-001	B	10-Apr-78	MULTIPROBE S/C SYS	PV MULTIPROBE SPACECRAFT SYSTEM SPEC		
5	4	HAC	TS31639-064		16-Feb-77	DESPIN CONTROL ELECTRONICS	PV DESPIN CONTROL ELECTRONICS TEST SPEC		
5	4	HAC	TS31639-315		10-Feb-77	SMALL PROBE ANTENNA	SMALL PROBE ANTENNA TEST REQUIREMENT & PROCEDURE		
5	4	HAC	TS31639-019		23-Jul-76	6 DB HYBRID	6 DB HYBRID TEST REQUIREMENT & PROCEDURES		
5	4	HAC	TS31639-015		9-Mar-76	2GHZ ISOLATOR	2 GHZ ISOLATOR TEST REQUIREMENT & PROCEDURES		
5	4	HAC	TS31639-028		17-Aug-76	3 DB HYBRID	3 DB HYBRID TEST REQUIREMENT & PROCEDURES		
5	4	HAC	TS31639-018	A	20-Apr-76	S-BAND DIXPLEXER	S-BAND DIXPLEXER ASSEMBLY TEST SPEC		
5	4	HAC	SS31639-900		14-Jul-77	ORBITER TELEMETRY	PV ORBITER TELEMETRY DATA CONVERSION HANDBOOK		
5	4	HAC	TS31639-027	A	12-May-77	HGA BACKUP	HIGH GAIN BACKUP ANTENNA TEST REQUIREMENT & PROCEDURES		
5	4	HAC	TS31639-026		24-Mar-76	HGA	HIGH GAIN ANTENNA SYSTEM TEST REQUIREMENTS & PROCEDURES		
5	4	HAC	TS31639-023		27-Apr-76	MEDIUM GAIN HORN	MEDIUM GAIN HORN TEST REQUIREMENTS & PROCEDURES		
5	4	HAC	TS31639-024		2-Mar-76	AFT OMNI ANTENNA	AFT OMNI ANTENNA TEST REQUIREMENTS & PROCEDURES		

5	4	HAC	TS31639-024		27-Apr-76	AFT OMNI ANTENNA	AFT OMNI ANTENNA TEST REQUIREMENTS & PROCEDURES		
5	4	HAC	TS31639-025		3-May-76	FORWARD OMNI ANTENNA	FORWARD OMNI ANTENNA TEST REQUIREMENTS & PROCEDURES		
5	4	HAC	TS31639-025		2-Mar-76	FORWARD OMNI ANTENNA	FORWARD OMNI ANTENNA TEST REQUIREMENTS & PROCEDURES		
5	4	HAC	TS31639-016		23-Jul-76	ROTARY JOINT	ROTARY JOINT TEST REQUIREMENTS & PROCEDURES		
5	4	HAC	TS31639-029		10-May-76	SWITCH DRIVER	SWITCH DRIVER ASSEMBLY TEST REQUIREMENTS & PROCEDURES		
5	4	HAC	TS31639-022		22-Jul-76	HIGH POWER LOAD	HIGH POWER LOAD TEST REQUIREMENTS & PROCEDURES		
5	4	HAC	TS31639-013		19-Aug-76	POWER AMPLIFIER	POWER AMPLIFIER TESTY REQUIREMENTS & PROCEDURES		
5	4	HAC	TS31639-014		12-Apr-76	DRIVER AMPLIFIER	DRIVER AMPLIFIER TEST REQUIREMENTS & PROCEDURES		
5	4	HAC	TS31639-027		24-Mar-76	HGA BACKUP	HIGH GAIN BACKUP ANTENNA TEST REQUIREMENTS & PROCEDURES		
5	4	HAC	SS31639-002	D	10-Jan-77	ENVIRONMENTAL REQUIREMENTS	PV DESIGN & TEST ENVIRONMENTAL REQUIREMENTS		
5	4	HAC	SS31639-006	A	8-Jan-76	ORBITER S/C SYS	PV ORBITER SPACECRAFT SPEC		
5	4	HAC	SS31639-030	A	16-Jan-76	SMALL PROBE S/C SYS	PV SMALL PROBE SPACECRAFT SYSTEM SPEC		
5	4	HAC	SS31639-030	A	10-Feb-76	SMALL PROBE S/C SYS	PV SMALL PROBE SPACECRAFT SYSTEM SPEC		
5	4	HAC	SS31639-020	A	10-Feb-76	LARGE PROBE S/C SYS	PV LARGE PROBE SPACECRAFT SYSTEM SPEC		
5	4	HAC	SS31639-020	A	26-Sep-75	LARGE PROBE S/C SYS	LARGE PROBE SPACECRAFT SYSTEM SPEC		
5	4	HAC	SS31639-020	A	16-Jan-76	LARGE PROBE S/C SYS	PV LARGE PROBE SPACECRAFT SYSTEM SPEC		
5	4	HAC	SS31639-001	A	16-Jan-76	MULTIPROBE S/C SYS	PV MULTIPROBE SPACECRAFT SYSTEM SPEC		
5	4	HAC	SS31639-006	A	16-Jan-76	ORBITER S/C	PV ORBITER SPACECRAFT SPEC		
5	4	HAC	SS31639-020	A	9-Dec-75	LARGE PROBE S/C SYS	PV LARGE PROBE SPACECRAFT SYSTEM SPEC		
5	4	HAC	SS31639-001	A	18-Feb-76	MULTIPROBE S/C SYS	MULTIPROBE SPACECRAFT SYSTEM SPEC		
5	4	HAC	SS31639-006	A	10-Mar-76	ORBITER S/C SYS	PV ORBITER SPACECRAFT SYSTEM SPEC		
5	4	HAC	SS31639-020	A	15-Feb-76	LARGE PROBE S/C SYS	PV LARGE PROBE SPACECRAFT SYSTEM SPEC		
5	4	HAC	SS31639-030	A	16-Jan-76	SMALL PROBE S/C SYS	PV SMALL PROBE SPACECRAFT SYSTEM SPEC		
5	4	HAC	SS-31639-271	A	22-Jan-76	PROBES ELEC. POWER SUBSYS	LARGE & SMALL PROBE SUBSYSTEM SPECIFICATION ELECTRIC POWER SUBSYSTEM		
5	4	HAC	TS-31639-271	A	9-Jun-77	LARGE PROBE BATTERY	ACCEPTANCE TEST SPECIFICATION LARGE PROBE BATTERY		
5	4	HAC	TS-31639-371	A	9-Jun-77	SMALL PROBE BATTERY	ACCEPTANCE TEST SPECIFICATION SMALL PROBE BATTERY		
5	4	HAC	TS-31639-816	B	1-Nov-77	LARGE PROBE BATTERY	QUALIFICATION TEST SPECIFICATION LARGE PROBE BATTERY		
5	4	HAC	TS-31639-817	B	3-Nov-77	SMALL PROBE BATTERY	QUALIFICATION TEST SPECIFICATION SMALL PROBE BATTERY		
5	4	HAC	TS-31639-094	A	4-Nov-77	NICKEL CADMIUM BATTERY	ACCEPTANCE TEST SPECIFICATION NICKEL CADMIUM BATTERY PACK		
5	4	HAC	TS-31639-271	B	24-Aug-77	LARGE PROBE BATTERY	ACCEPTANCE TEST SPECIFICATION LARGE PROBE BATTERY		
5	4	HAC	TS-31639-371	B	18-Aug-77	SMALL PROBE BATTERY	ACCEPTANCE TEST SPECIFICATION SMALL PROBE BATTERY		
5	4	HAC	TS-31639-273	D	24-Aug-77	SILVER ZINC 40.0 BATT CELL	ACCEPTANCE TEST SPECIFICATION SEALED SILVER ZINC 40.0 A-HR BATTERY CELL		
5	4	HAC	TS-31639-001		29-Mar-77	MULTIPROBE S/C SYS	PIONEER VENUS MULTIPROBE SPACECRAFT SYSTEM SPECIFICATION		
5	4	HAC	TS-31639-273	C		SILVER ZINC 40.0 BATT CELL	ACCEPTANCE TEST SPECIFICATION SEALED SILVER ZINC 40.0 A-HR BATTERY CELL		
5	4	HAC	TS-31639-251	D	18-Apr-77	PROBES WIRING HARNESS	TEST SPECIFICATION WIRING HARNESS SUBSYSTEM LARGE & SMALL PROBES		
5	4	HAC	TS-31639-371		11-Apr-77	SMALL PROBE BATTERY	ACCEPTANCE TEST SPECIFICATION SMALL PROBE BATTERY		
5	4	HAC	TS-31639-271		12-Apr-77	LARGE PROBE BATTERY	ACCEPTANCE TEST SPECIFICATION LARGE PROBE BATTERY		
5	4	HAC	TS-31639-271	C	6-Apr-78	LARGE PROBE BATTERY	ACCEPTANCE TEST SPECIFICATION LARGE PROBE BATTERY		
5	4	HAC	TS-31639-371	C	6-Apr-78	SMALL PROBE BATTERY	ACCEPTANCE TEST SPECIFICATION SMALL PROBE BATTERY		
5	4	HAC	TS-31639-816	C	18-Apr-78	LARGE PROBE BATTERY	QUALIFICATION TEST SPECIFICATION LARGE PROBE BATTERY		
5	4	HAC	TS-31639-817	C	18-Apr-78	SMALL PROBE BATTERY	QUALIFICATION TEST SPECIFICATION SMALL PROBE BATTERY		
5	4	HAC	TS-31639-816	A	18-Jul-77	LARGE PROBE BATTERY	QUALIFICATION TEST SPECIFICATION LARGE PROBE BATTERY		
5	4	HAC	TS-31639-841		18-Apr-77	SMALL PROBE STM	PIONEER VENUS PLAN FOR SMALL PROBE STM CENTRIFUGE TEST #2		
5	4	HAC	TS-31639-027	A	12-May-77	HGA BACKUP	TEST REQUIREMENT & PROCEDURE HIGH GAIN ANTENNA BACKUP ANTENNA		
5	4	HAC	TS-31639-013	A	12-Mar-76	POWER AMPLIFIER	TEST REQUIREMENT & PROCEDURE POWER AMPLIFIER		
5	4	HAC	TS-31639-101	A	11-Feb-76	HYDRAZINE THRUST CHAMBER	ACCEPTANCE TEST PROCEDURE & REQUIREMENT HYDRAZINE THRUST CHAMBER ASSY 1 1bf		
5	4	HAC	TS-31639-251	A	9-Mar-76	LG & SML PRB WIRING HARNESS	TEST SPECIFICATION WIRING HARNESS LARGE & SMALL PROBE		
5	4	HAC	TS-31639-073	A	19-Mar-76	BUS & ORB WIRING HARNESS	TEST SPECIFICATION WIRING HARNESS SUBSYSTEM BUS & ORBITER		
5	4	HAC	TS-31639-610		29-Dec-76	ORB SYS TEST	ORBITER SYSTEM TEST REQUIREMENTS SPECIFICATION		
5	4	HAC	TS-31639-830		12-Jan-77	FWD & AFT SHELVES LG PRB	STATIC TEST PLAN FORWARD & AFT SHELVES LARGE PROBE		
5	4	HAC	TS-31639-831		11-Jan-77	PRESSURE TRANSDUCER	PIONEER VENUS TEST SPECIFICATION PRESSURE TRANSDUCER, PN 3385244-100		
5	4	HAC	TS-31639-011		5-Jan-77	ORB COMM SUBSYS	TEST REQUIREMENT & PROCEDURE ORBITER COMMUNICATIONS SUBSYSTEM		
5	4	HAC	TS-31639-020		26-Mar-76	LG PRB SYS TEST	LARGE PROBE SYSTEM TEST REQUIREMENTS SPECIFICATION PRELIMINARY DRAFT		
5	4	HAC	TS-31639-030		19-Jan-77	SML PRB SYS TEST	SMALL PROBE SYSTEM TEST REQUIREMENT SPECIFICATION		
5	4	HAC	TS-31639-839		23-Feb-77	LG PRB STM PRESSURE VESSEL	PIONEER VENUS LARGE PROBE STM PRESSURE VESSEL QUALIFICATION VIBRATION TEST PLAN		
5	4	HAC	TS-31639-840		23-Feb-77	SML PRB AFT INSULATION	STATIC QUALIFICATION TEST PLAN PIONEER VENUS SMALL PROBE AFT INSULATION RETAINER		
5	4	HAC	TS-31639-815		16-Mar-77	MLTPRB & ORB THERMAL	PIONEER VENUS PROGRAM MULTIPROBE/ORBITER THERMAL TEST MODEL TEST PLAN		
5	4	HAC	TS-31639-835				PIONEER VENUS SMALL PROBE STM PRESSURE VESSEL & ETM DECELERATION MODEL QUALIFICATION VIBRATION TEST PLAN		
5	4	HAC	TS-31639-823		31-Jan-77	SML PRB STM & ETM	PIONEER VENUS STATIC TEST PLAN LARGE PROBE STM INTERIOR STRUCTURE		
5	4	HAC	TS-31639-012		17-Feb-77	LG PRB STM	PIONEER VENUS STATIC TEST PLAN LARGE PROBE STM INTERIOR STRUCTURE		
5	4	HAC	TS-31639-012		2-Mar-77	BUS COMM SUBSYS	TEST REQUIREMENT & PROCEDURE BUS COMMUNICATIONS SUBSYSTEM		
5	4	HAC	TS-1936-251	C	12-Jan-77	LG & SML PROBE WIRING HARNESS	TEST SPECIFICATION WIRING HARNESS SUBSYSTEM LARGE & SMALL PROBES		
5	4	HAC	TS-31639-073		12-Jan-77	BUS/ORB WIRING HARNESS	TEST SPECIFICATION WIRING HARNESS SUBSYSTEM BUS & ORBITER		
5	4	HAC	TS-31639-373	C	1-Mar-77	BATTERY CELLS	ACCEPTANCE TEST SPECIFICATION SEALED SILVER-ZINC 11.0 A-HR BATTERY CELL		

5	4		HAC	TS-31639-827	A	24-Jan-77	ORB STM VIBRATION PLAN	PIONEER VENUS ORBITER STM VIBRATION TEST PLAN		
5	5							PV - VARIOUS MATERIALS		
5	5		NASA/ARC	SE:244-114//7-024		13-Jul-87	ENCKE OBSERVATION	REPORTS FROM SSG/OMOP MTG 6-8MAY RELATIVE TO POTENTIAL ENCKE OBSERVATION		
5	5		HAC & NASA/ARC			1978	S/C MLTPRB ATTITUDE	MULTIPROBE SPACECRAFT ATTITUDE LOG - STAR SENSOR / SUN SENSOR		
5	5		NASA/ARC			1986	HALLEY ATTITUDE	HALLEY ATTITUDE LOG		
5	5		NASA/ARC			1986	HALLEY ATTITUDE	HALLEY ATTITUDE LOG - REVISED		
5	5		BFEC	BFEC/ARC-332		20-Oct-78	QLDS & UADS	PIONEER VENUS QLDS & UADS USERS GUIDE		
5	5		JPL			1976-1978	MLTPRB & ORB TRAJECTORY	PIONEER VENUS ORBITER & MULTIPROBE TRAJECTORY SAVE TAPES		
5	5		NASA/ARC			1977-1978	PV PLANNING	PIONEER VENUS PLANNING INFORMATION		
5	5		NASA/ARC			1985-1986	S/C ATTITUDES	PIONEER VENUS REVISED SPACECRAFT ATTITUDES - G-Z, HADAR & ENCKE		
5	5		NASA/ARC			1986-1987	COMET WILSON	PIONEER VENUS COMET WILSON OPERATIONS		
5	5		NASA/ARC			1985	GIAACOBINI-ZINNER	PIONEER VENUS GIAACOBINI-ZINNER OPERATIONS		
5	5		NASA/ARC			1987-1988	HGA-PVO	PIONEER VENUS ORBITER ATTITUDE HIGH GAIN ANTENNA ELEVATIONS - ARCHIVE #1		
5	5		NASA/ARC			1987-1988	HGA-PVO	PIONEER VENUS ORBITER ATTITUDE HIGH GAIN ANTENNA ELEVATIONS - ARCHIVE #2		
5	5		NASA/ARC			1987-1988	HGA - PVO	PIONEER VENUS ORBITER ATTITUDE HIGH GAIN ANTENNA ELEVATIONS - ARCHIVE #3		
5	5		NASA/ARC	PCC-488		12-May-89	IN-ORBIT OPS	PIONEER VENUS COMMAND PROCEDURES FOR IN-ORBIT OPERATIONS		
5	5		NASA/ARC			1978-1979	PVO PREDICTIONS	PIONEER VENUS ORBITER PREDICTIONS		
5	5		NASA/ARC			1978-1985	HALLEY OPS	HALLEY OPERATIONS		
5	5		HAC	HS507-0082-1222		10-Mar-76	ENGINEERING	ENGINEERING DOCUMENTATION		
5	5		HAC	HS507-0082-1146		13-Feb-76	ENGINEERING	ENGINEERING DOCUMENTATION		
5	5		HAC	HS507-0082-1288		31-Mar-76	ENGINEERING	ENGINEERING DOCUMENTATION		
5	5		NASA/ARC			1975-1979	ORBITS OPS	PIONEER 12 - ORBIT OPERATIONS		