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PREFACE

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01475 (dup. #)	APOLLO LRV HAND CONTROLLER THERMAL INTERFACE TEST	08-16-71	EC	J. MAYS
01476	APOLLO 15 CMP EVA WARNING TONE VERIFICATION TEST	09-27-71	EC	J. C. LEBLANC
01480	MASTER END-ITEM DETAIL SPECIFICATION, PERFORMANCE/DESIGN AND PRODUCT CONFIGURATION REQUIREMENTS FOR SKYLAB 28-DAY CLOTHING MODULE	01-04-74	EC	J. H. BARNETT
01481	MASTER END-ITEM SPECIFICATION FOR SKYLAB CONTINGENCY CLOTHING MODULE	01-04-74	EC	J. H. BARNETT
01482	CEIDS PERFORMANCE/DESIGN AND PRODUCT CONFIGURATION REQUIREMENTS FOR THE SKYLAB RUCKSACK 28-DAY CLOTHING MODULE	01-04-74	EC	J. H. BARNETT
01483	THE RANQUE-HILSCH VORTEX TUBE AND ITS APPLICATION TO SPACECRAFT ENVIRONMENTAL CONTROL SYSTEMS	09-28-70	EC	
01485	CEIDS FOR SKYLAB CONTINGENCY CLOTHING RUCKSACK	01-04-74	EC	J. H. BARNETT

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01487	C ^T) PERFORMANCE/DESIGN, PRODUCT CONFIGURATION ACCEPTANCE TEST REQUIREMENTS FOR THE SKYLAB OFF-DUTY ACTIVITIES EQUIPMENT	12-27-73	EC	J. H. BARNETT
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01491	PACKING PROCEDURE FOR THE SKYLAB 28-DAY CLOTHING MODULE AND CONTINGENCY CLOTHING MODULE	05-03-73	EC	J. H. BARNETT
01492	PRE-DELIVERY ACCEPTANCE TEST PLAN AND PROCEDURE FOR SKYLAB 28-DAY CLOTHING MODULE AND CONTINGENCY CLOTHING MODULE	05-03-73	EC	J. H. BARNETT
01493	TEST PROCEDURE UNMANNED APOLLO PLSS VERIFICATION TEST PLSS S/N 0030	08-06-71	EC	L. WHITBY
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01495	ACCEPTANCE TEST PLAN AND PROCEDURE FOR THE APOLLO 7 PLSS CONFIGURATION CRYOPACK	11-22-71		S. N. MARTIN
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03613	RELIABILITY AND QUALITY ASSURANCE GUIDELINE FOR GOVERNMENT-FURNISHED EQUIPMENT CONTROL	02-28-71	NA	
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03620	SAFETY, RELIABILITY, AND QUALITY ASSURANCE PROCEDURE FOR THE PREPARATION, ISSUANCE, AND CONTROL OF ACTION DOCUMENTATION	02-28-73	NA	
03621	OPERATIONAL ABORT PLAN FOR APOLLO 14 (IN-70-FM-183) VOL. 1 - LAUNCH PHASE (IN-70-FM-194) VOL. 2 - TRANSLUNAR, LUNAR ORBIT, AND TRANSEARTH ORBITS (IN-70-FM-183)	12-15-70 01-22-71	FM	E. M. HENDERSON S. R. NEWMAN L. GONZALES
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03763	SKYLAB LAUNCH WINDOW PROCESSOR (IN-70-FM-198)	12-22-70	FM	J. W. KAHANEK
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04294	FUNCTIONAL AND PERFORMANCE REQUIREMENTS/SPECIFICATION FOR SPACE SHUTTLE AVIONICS SYSTEM BOOSTER	05-10-71		
04298	NAVIGATION ANALYSIS FOR VIKING 1977, OPTION B (IN-71-FM-176)	05-20-71	FM	P. H. MITCHELL
04299	SPECIFICATIONS FOR THE ELECTRICAL POWER SUBSYSTEM EVALUATION OPTION OF THE ACTIVITY SCHEDULING PROGRAM (IN-71-FM-177)	05-17-71	FM	F. W. KNOPF V. W. SIMMONS
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04302	INERTIAL MEASUREMENT UNIT ERROR SEPARATION TECHNIQUES	01-05-71	EG	
04303	OPERATIONAL ABORT PLAN FOR APOLLO 15 VOL. 1 - LAUNCH PHASE (IN-71-FM-180) VOL. 2 - TRANSLUNAR, LUNAR ORBIT, AND TRANSEARTH (IN-71-FM-184)	05-20-71 05-14-71 07-13-71	FM	E. M. HENDERSON

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04306	LM-10 MESA STRUCTURAL ANALYSIS RELAY UNIT	04-19-71	EW	
04307	APOLLO 15 MISSION EVALUATION PLAN	05-28-71	PT	
04310	APOLLO 14 TRANSEARTH ONBOARD NAVIGATION ANALYSIS (IN-71-FM-183)	06-08-71	FM	R. E. ECKELKAMP R. H. WOLFE
04311	CONSTANT STAGNATION POINT CONVECTIVE HEAT RATE CONTROL TRAJECTORIES FOR DELTA-WING ORBITER ENTRIES (IN-71-FM-185)	05-24-71	FM	J. K. BURTON
04312	PAPERS PRESENTED AT MSC CRYOGENICS SYMPOSIUM, MAY 20-21, 1971	12-28-71		
04313	VIEWS FROM THE SPACECRAFT DURING THE FLIGHT OF APOLLO 15 (IN-71-FM-186)	05-17-71	FM	A. N. LUNDE
04314	RECOMMENDED STARS FOR LM IMU ALINEMENT ON THE LUNAR SURFACE DURING APOLLO 15 (IN-71-FM-187)	05-28-71	FM	T. J. BLUCKER
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04316	DESIGN OF LITHIUM HYDROXIDE CANISTER FOR SKYLAB MEDICAL EXPERIMENTS ATTITUDE TEST (IN-71-FM-189)	05-28-71	FM	
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04325	MANUAL STAGING ON THE LUNAR SURFACE FOR LM-10 AND SUBSEQUENT VEHICLES (IN-71-FM-198)	05-28-71	FM	C. J. GOTT
04327	STAR AVAILABILITY FOR DOCKED LM IMU ALINEMENT DURING APOLLO 15 (IN-71-FM-192)	05-20-71	FM	T. J. BLUCKER
04328	THE EFFECT OF ENTRY CONSTRAINTS ON THE DELTA-WING FLIGHT CORRIDOR (IN-71-FM-193)	05-20-71	FM	J. C. HARPOLD
04330	POST-FLIGHT EVALUATION OF THE APOLLO 14 SPACECRAFT TRAJECTORIES (IN-71-FM-195)	05-26-71	FM	
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04334	ROUND-TRIP LANDING MISSIONS TO THE ASTEROID EROS, 1981 OPPORTUNITY (IN-71-FM-197)	06-08-71	FM	G. A. ZAMBO
04335	STAGING ANALYSES OF PHASE B PRELIMINARY SHUTTLE CONFIGURATION-REVERSE LINK SYSTEM (IN-71-FM-199)	06-02-71	FM	
04336	SKYLAB MISSIONS TRAINING PROGRAM	10-28-71	CE	
04337	RECOVERY REQUIREMENTS FOR APOLLO 15	06-28-71	PA	
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04347	SHUTTLE TOUCHDOWN REQUIREMENTS	04-30-71	EG	D. A. DYER
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04349	OUT-OF-PLANE PERFORMANCE REQUIREMENTS FOR LUNAR MODULE ASCENT (IN-71-FM-203)	05-28-71	FM	J. D. PAYNE
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04355	PRELIMINARY LUNAR ORBIT ATTITUDE SEQUENCE FOR APOLLO 15 (IN-71-FM-205)	06-25-71	FM	N. R. GANDER
04356	SPACE SHUTTLE LAUNCH TRAJECTORY AND PERFORMANCE DATA FOR CANDIDATE LAUNCH SITES (IN-71-FM-206)	05-26-71	FM	
04359	PRE-INSTALLATION ACCEPTANCE TEST PROCEDURE AND RECEIVING INSPECTION REQUIREMENTS FOR THE LRV MAP HOLDER	06-01-71	EW	
04362	INTEGRATED QUALIFICATION TEST PLAN FOR THE LRV MAP HOLDER	06-01-71	EW	
04363	SPECIFICATION FOR CLEANING, PACKAGING, PRESERVATION, HANDLING, AND SHIPPING OF THE LRV MAP HOLDER	06-28-71	EW	W. K. CREASY
04366	APOLLO 15 LUNAR LANDMARK LOCATIONS AND OFFSETS (IN-71-FM-207)	06-17-71	FM	
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04368	APOLLO 15 NO-TLI EARTH ORBIT ALTERNATE MISSION (IN-71-FM-209)	06-02-71	FM	J. D. ALEXANDER H. O. SPURLIN
04369	SKYLAB 4 PRELIMINARY REFERENCE EARTH RESOURCES EXPERIMENT PACKAGE-PASS PLANNING DOCUMENT VOL. 1 - GROUND TRACKS (IN-71-FM-210) VOL. 2 - EREP SITES AND S190 SWATCH (IN-71-FM-216)	06-03-71	FM	
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04383	THE CRYOGENICS ANALYSIS PROGRAM FOR APOLLO MISSION PLANNING AND ANALYSIS (IN-71-FM-217)	06-08-71	FM	W. SCOTT J. WILLIAMS
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04409	PARAMETRIC STUDY FOR ORBITER AERODYNAMIC POWERED PULLOUT AND AERODYNAMIC POWERED TURN MANEUVERS (IN-71-FM-226)	06-24-71	FM	C. FRALEY
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04442	THE LM END DETONATING CARTRIDGE TEST	06-17-71	EP	V. M. VANCE R. K. WILLIAMS
04443	APOLLO 15, FINAL PRE-LAUNCH NAVIGATION ERASABLE LOAD (IN-71-FM-240)	06-25-71	FM	B. F. COCKRELL
04445	SUN COMPASS ERROR MODEL (IN-71-FM-241)	06-30-71	FM	T. J. BLUCKER W. W. FERRY
04446	A METHOD FOR STAR VECTOR DETERMINATION FROM ALINEMENT OPTICAL TELESCOPE SIGHTING (IN-71-FM-242)	06-30-71	FM	T. J. BLUCKER S. W. CRIGLER
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04454	HIGH CHAMBER PRESSURE GASEOUS HYDROGEN COOLED GH ₂ /GO ₂ ROCKET ENGINE TEST	08-23-71	EP	
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04463	AN ANALYSIS OF POWERED DESCENT FLIGHT SAFETY WITH PARTIAL LANDING RADAR ALTITUDE UPDATING (IN-71-FM-248)	06-29-71	FM	
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04465	CISLUNAR NAVIGATION DATA FOR THE APOLLO 15 JULY 26, 1971 LAUNCH (IN-71-FM-250)	07-09-71	FM	F. L. BARNES P. H. MITCHELL
04466	A SUBORBITAL ABORT GUIDANCE SCHEME FOR ORBITER RETURNS TO THE LAUNCH SITE (IN-71-FM-251)	03-30-71	FM	W. K. LACY
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04472	APOLLO 15 SCIENCE HANDBOOK	07-21-71	PA	
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04483	ORBITAL OPERATIONS STUDY - EXECUTIVE SUMMARY	05-28-72		
04485	APOLLO 15 LUNAR LANDING MISSION CAPABILITY FOR PREMATURE LO1 SHUTDOWN (IN-71-FM-257)	07-07-71	FM	D. S. SCHEFFMAN
04490	AIRLOCK MODULE COOLANT SYSTEM PARAMETRIC STUDIES (IN-71-FM-258)	07-12-71	FM	H. E. KOLKHORST M. A. ZAMORA
04491	NASA/DOD EARTH ORBIT SHUTTLE TRAFFIC MODELS BASED ON END-TO-END LOADING OF PAYLOADS (ADDENDUM TO DOCUMENT IS CLASSIFIED SECRET) (IN-71-FM-259)	07-08-71	FM	M. E. DONAHOE R. E. KINCADE W. R. PRUETT
04492	NASA/DOD EARTH ORBIT SHUTTLE TRAFFIC MODELS BASED ON SIDE-BY-SIDE LOADING OF PAYLOADS (IN-71-FM-260)	07-08-71	FM	M. E. DONAHOE R. E. KINCADE W. R. PRUETT
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04495	A STUDY OF THE JUPITER-SATURN-PLUTO AND JUPITER-IRANUS-NEPTUNE MISSILES FROM 1976 TO 1983 (IN-71-FM-262)	07-19-71	FM	K. W. ANSON N. L. FAUST
04496	FINAL CSM-112 RENDEZVOUS PROCEDURES FOR APOLLO 15	06-30-71	EG	
04498	PRIME CSM PROCEDURES FOR SKYLAB 1/2, M=5 RENDEZVOUS-BASIC ISSUE	07-28-71	CE	M. L. HANK G. R. RIDDLE
04499	LUNAR ROVING VEHICLE GYRO ALIGNMENT USING THE SUN SHADOW DEVICE (IN-71-FM-263)	07-16-71	FM	T. J. BLUCKER
04501	PRE-DELIVERY ACCEPTANCE TEST PROCEDURES (ATP) HEMATOLOGY-URINALYSIS KIT, IN-FLIGHT MEDICAL SUPPORT SYSTEM (IMSS) FOR SKYLAB (REV. A)	10-10-72	ND	
04502	PRE-DELIVERY ATP-DENTAL KIT, IMSS FOR SKYLAB (REV. A)	09-28-72	ND	
04503	PRE-DELIVERY ATP-MICROSCOPE KIT, IMSS FOR SKYLAB (REV. A)	10-02-72	ND	
04504	PRE-DELIVERY ATP-MINOR SURGERY KIT, IMSS FOR SKYLAB (REV. A)	06-07-72	ND	
04505	PRE-DELIVERY ATP-DRUG SUPPLY KIT, IMSS FOR SKYLAB (REV. A)	06-12-72	ND	
04506	PRE-DELIVERY ATP-MICROBIOLOGY KIT, IMSS FOR SKYLAB (REV. B)	12-03-72	DE	J. M. SLEITH
04507	PRE-DELIVERY ATP-DIAGNOSTIC KIT, IMSS FOR SKYLAB (REV. C)	12-16-72	DE	J. M. SLEITH
04508	PRE-DELIVERY ATP-RESUPPLY KIT, IMSS FOR SKYLAB (REV.)	09-20-72	ND	
04509	PRE-DELIVERY ATP-THERAPEUTIC KIT FOR SKYLAB (REV. B)	12-18-72	DE	J. M. SLEITH
04510	PRE-DELIVERY ATP-BANDAGE KIT, IMSS FOR SKYLAB (REV. A)	06-29-72	ND	
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04513	PRE-INSTALLATION ACCEPTANCE INSPECTION PROCEDURES FOR THE RESUPPLY KIT, IMSS FOR SKYLAB (REV. A)	05-08-73	DE	W. F. KONVICKA J. M. LITTLEFIELD
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04515	PRE-DELIVERY ATP-TOPICAL DRUG KIT, IMSS FOR SKYLAB (REV. B)	10-20-72	ND	
04516	PRE-DELIVERY ATP-BOTTLE DRUG KIT, IMSS FOR SKYLAB (REV. B)	10-27-72	ND	
04517	PRE-DELIVERY ATP-AIR SAMPLER ASSEMBLY, IMSS FOR SKYLAB (REV. A)	04-19-72	DE	W. F. KONVICKA
04518	PRE-DELIVERY ATP-CAN OPENER ASSEMBLY, IMSS FOR SKYLAB (REV. A)	01-08-73	DE	W. F. KONVICKA J. M. LITTLEFIELD
04519	PRE-DELIVERY ATP-SPLINT ASSEMBLY, IMSS FOR SKYLAB	03-27-72		
04520	PRE-DELIVERY ATP INCUBATOR RACK ASSEMBLY, IMSS FOR SKYLAB (REV. A)	10-19-72	ND	
04521	PRE-INSTALLATION ACCEPTANCE INSPECTION PROCEDURES FOR THE DENTAL KIT	04-14-72	ND	
04522	PRE-INSTALLATION ACCEPTANCE INSPECTION PROCEDURES FOR THE DIAGNOSTIC KIT	12-15-72	DE	W. F. KONVICKA
04523	PRE-INSTALLATION ACCEPTANCE INSPECTION PROCEDURES FOR THE THERAPEUTIC KIT (REV. A)	12-18-72	DE	J. M. LITTLEFIELD J. M. SLEITH
04524	PRE-INSTALLATION ACCEPTANCE INSPECTION PROCEDURES FOR THE BANDAGE KIT	04-14-72	ND	
04525	PRE-INSTALLATION ACCEPTANCE INSPECTION PROCEDURES FOR THE IN-USE DRUG MODULE (REV. A)	01-08-73	DE	J. M. LITTLEFIELD J. M. SLEITH
04526	PRE-INSTALLATION ACCEPTANCE INSPECTION PROCEDURES FOR THE DRUG SUPPLY MODULE (REV. A)	09-25-72	ND	
04527	PRE-INSTALLATION ATP FOR THE INCUBATOR/WORK STATION MODULE (REV. B)	07-28-72	ND	
04528	PRE-DELIVERY ATP DISINFECTANT PAD AND PHISOHEX, IMSS FOR SKYLAB (REV. A)	10-30-72	ND	
04529	PRE-DELIVERY ACCEPTANCE TEST PROCEDURES FOR THE PRESSURE INFUSER ASSEMBLY AND THE INTRAVENOUS FLUID KIT	10-12-72	DE	J. S. ARTHUR J. M. SLEITH
04530	QUALIFICATION TEST SPECIFICATION FOR THE RESUPPLY KIT	02-28-72	DE	W. F. KONVICKA J. M. LITTLEFIELD
04540	QUALIFICATION TEST SPECIFICATION FOR THE IMSS	02-28-72	NB	W. F. KONVICKA
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04552	ACCURACY OF SHORT-ARC LUNAR ORBIT TRAJECTORY SOLUTIONS (IN-71-FM-266)	07-16-71	FM	K. K. OSBURN

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04603	CREW SYSTEMS DIVISION SKYLAB GOVERNMENT-FURNISHED EQUIPMENT MANAGEMENT PLAN (REV. A)	11-15-71	EC	M. RADEIZY
04605	APOLLO 16 EMU FAMILIARIZATION TEST PROCEDURE	09-08-71	EC	J. LEBLANC
04608	PRE-DELIVERY ACCEPTANCE TEST PLAN AND PROCEDURE FOR MISCELLANEOUS NON-FUNCTIONAL SOFTGOODS	06-02-72	EC	J. H. BARNETT
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04612	CLEANING, PRESERVATION, PACKAGING, HANDLING, SHIPPING, AND STORAGE PROCEDURE FOR SKYLAB PERSONAL HYGIENE EQUIPMENT	08-03-72	EC	J. H. BARNETT
04613	A7LB EV PGA AND ACCESSORIES DRESSING PROCEDURES FOR CSD CHAMBER TESTING	09-29-71	EC	J. W. MCBARRON
04614	APOLLO 15 CMP EVA RETRAINING TEST	10-18-71		J. C. LEBLANC
04615	UNMANNED PLSS VERIFICATION TEST FOR APOLLO MISSIONS	11-01-71	EC	L. WHITBY
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04617	APOLLO A7LB PGA PRESSURE DROP TEST	10-18-71	EC	J. C. LEBLANC J. MAYS
04619	APOLLO 16 EMU FAMILIARIZATION TEST	12-20-71	EC	J. C. LEBLANC
04620	CLEANING, PRESERVATION, PACKING, HANDLING, STORAGE, AND SHIPPING MANUAL FOR SKYLAB OFF-DUTY ACTIVITIES EQUIPMENT	02-03-72	EC	J. H. BARNETT
04621	PRE-INSTALLATION ACCEPTANCE TEST PLAN AND PROCEDURE FOR SKYLAB OFF-DUTY ACTIVITIES EQUIPMENT	02-03-72	EC	J. H. BARNETT
04622	PRE-DELIVERY ACCEPTANCE TEST PLAN AND PROCEDURE FOR SKYLAB OFF-DUTY ACTIVITIES EQUIPMENT	09-15-72	EC	J. H. BARNETT
04623	PRE-DELIVERY ACCEPTANCE TEST PLAN AND PROCEDURE FOR SKYLAB PERSONAL HYGIENE EQUIPMENT (CHANGE 1)	08-03-72	EC	J. H. BARNETT
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04627	PACKAGING PROCEDURE FOR SKYLAB PERSONAL HYGIENE EQUIPMENT (CHANGE 1)	09-07-72	EC	J. H. BARNETT
04628	PACKING PROCEDURES FOR SKYLAB OFF-DUTY ACTIVITIES EQUIPMENT	02-03-72	EC	J. H. BARNETT
04629	FAMILIARIZATION MANUAL FOR THE PERSONAL HYGIENE KITS	01-17-74	EC	J. H. BARNETT
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04642	OPERATION MANUAL FOR CHARGING SKYLAB LIQUID COOLING GARMENT ASSEMBLY USING THE MOVIDYN POLISHING AND CHARGING STAND	03-27-72	EC	J. D. TRAMEL
04644	SKYLAB EMU FUNCTIONAL QUALIFICATION-SUMMARY TEST REPORT	08-24-72	EC	
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04658	FIREMAN'S HELMETS IMPACT TEST REPORT	01-05-72	EC	J. D. TYNER
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04663	TEST PROCEDURE FOR UNMANNED APOLLO PLSS VERIFICATION	01-18-72	EC	L. WHITBY
04667	ENVIRONMENTAL QUALIFICATION OF THE APOLLO A7LB PRESSURE GARMENT ASSEMBLY	02-14-72	EC	
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04673	APOLLO 16 CMP EVA TRAINING PHASE 2	02-25-72	EC	J. MAYS
04674	APOLLO 16 EMU TRAINING PHASE 2	02-25-72	EC	J. LEBLANC
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04680	PRELIMINARY DESIGN REQUIREMENTS AND CONSTRAINTS FOR A SPACE SHUTTLE ORBITER ACTIVE THERMAL CONTROL SYSTEM	03-28-72	EC	D. W. MORRIS
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04687	SKYLAB EMU QUALIFICATION TEST	06-10-72	EC	J. R. TROMBLEY
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04690	TEST REPORT ON SIMULATED ORBITAL STORAGE EVALUATION OF SKYLAB OFF-DUTY ACTIVITY EQUIPMENT BATTERIES	04-11-72	EC	J. ESTEP
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04817	APOLLO 16 80- BY 8-NAUTICAL MILE LANDMARK TRACKING GEOMETRY DATA (SUPERCEDED BY MSC 05846) (IN-71-FM-352)	10-07-71	FM	
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04823	FIRST SKYLAB MISSION PRELIMINARY REFERENCE TRAJECTORY-SIMULATOR DATA PACKAGE (REV. 2) (IN-71-FM-353)	03-29-72	FM	
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04834	EARTH OBSERVATIONS AIRCRAFT PROGRAM CATALOGING AND INDEXING MISSION REPORT-MISSION 174, SITES 275, 277	09-28-71	TF	
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04853	EARTH OBSERVATIONS AIRCRAFT PROGRAM MISSION PLAN-MISSION 53M, SITE 217	10-28-71		P. HASELL
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04888	EARTH OBSERVATIONS AIRCRAFT PROGRAM MISSION REPORT-MISSION 189, SITES 21, 26, 29, 104, 230, 248, 271, 286, 291, 292, 294	12-28-71		T. L. BARROW
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04892	EARTH OBSERVATIONS AIRCRAFT PROGRAM MISSION PLAN-MISSION 192, SITES 175, 198, 258, 287, 293	01-28-72	SF	L. BALLINGER
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04917	SPACE SHUTTLE HIGH PRESSURE AUXILIARY PROPULSION SUBSYSTEM DEFINITION	05-03-71	EP	R. A. BENSON D. H. GRUBMAN A. SHAFFER
04920	SKYLAB PROGRAM APOLLO TELESCOPE MOUNT EXPERIMENTS POINTING PROCESSOR (IN-71-FM-358)	09-30-71	FM	
04921	TIMING REQUIREMENTS FOR SHUTTLE PHASE C STUDIES (IN-71-FM-359)	09-28-71	FM	
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04947	FILM HANDLING PROCEDURES FOR MANNED SPACE FLIGHTS	11-28-71	JL	
04948	PRESSURE-VOLUME-TEMPERATURE (P-V-T) GAGING IN THE SKYLAB AIRLOCK GAS DISTRIBUTION SYSTEM (IN-71-FM-363)	10-08-71	FM	
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04956	SPACE SHUTTLE APS THERMAL CONDITIONER STUDY-MONTHLY PROGRESS REPORTS	08-28-71	EP	W. E. PEARSON
04958	SPACE SHUTTLE VEHICLE FLIGHT PERFORMANCE AND DYNAMICS ANALYSIS PROGRESS REPORTS	12-23-71	LA	
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04963	PAYLOAD CENTER-OF-GRAVITY ANALYSIS FOR THE SHUTTLE TRAFFIC MODEL WITH END-TO-END LOADING (IN-71-FM-367)	10-13-71	FM	
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04965	SIM DOOR EXPLOSIVE JOINT TEST	11-28-71	EP	
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04968	PROCEDURE FOR PRESERVATION, CLEANING, PACKAGING, HANDLING, PRE-DELIVERY, ACCEPTANCE, AND SHIPPING OF THE M-133 RUCKSACK	01-10-72	ND	
04969	SPACE VEHICLE OPERATIONAL DESIGN CRITERIA MANUAL VOL. 1 - SYSTEMS VOL. 2 - EXPERIMENTS	12-01-71	FC	J. COMMONSENSE
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04978	BASELINE STUDIES ON THE EFFECTS OF LOW MAGNETIC FIELDS (LESS THAN 50 GAMMAS) ON BIOLOGICAL PROCESSES IN THREE ORGANISMS	10-13-71	DC	
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04980	MPAD SOFTWARE DEVELOPMENT PLANS-SKYLAB RTCC AND MOPS (IN-71-FM-373)	10-12-71	FM	E. J. KENYON W. A. SULLIVAN

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04995	CONSTRAINED LANDING SITE ACCESSIBILITY FOR THE 1979 VIKING MISSION OPPORTUNITY (IN-71-FM-377)	10-15-71	FM	
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04999	A LANDING DISTANCE PARAMETRIC STUDY OF THE ORBITER STAGE OF AN EARTH ORBITAL SHUTTLE (IN-71-FM-379)	10-20-71	FM	
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05105	STUDY OF ACOUSTIC EMISSION DURING MECHANICAL TESTS OF LARGE FLIGHT WEIGHT TANK STRUCTURE- MONTHLY PROGRESS REPORTS	01-28-72		
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05110	APOLLO CSM HYDROGEN TANK PRESSURE OSCILLATION EVALUATION	04-19-72	EP	
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05112	APPROXIMATION OF LABORATORY SEXTANT SCATTERED LIGHT CONSTRAINTS (IN-71-FM-382)	11-03-71	FM	
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05122	A PRELIMINARY ANALYSIS OF G/N/TPS DESIGN CONSIDERATIONS FOR THE DELTA ORBITER	10-01-71	EG	
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05134	NOTES ON PATTERN RECOGNITION AND EARTH RESOURCES (IN-71-FM-390)	11-22-71	FM	
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05143	APOLLO 16 DESCENT TARGETING ERRORS (IN-71-FM-392)	11-04-71	FM	
05144	A DESCRIPTION OF THE DATA BUS SYSTEM FOR INTEGRATED BREADBOARDS (REV. A)	01-12-71	EG	
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05146	DOWN-RANGE COMPENSATIONS FOR LM DESCENTS WITH LOW THRUST-TO-WEIGHT RATIOS (IN-71-FM-394)	11-05-71	FM	
05147	DATA PROCESSING REQUIREMENTS ASSESSMENT FOR SKYLAB/EARTH RESOURCES EXPERIMENT PACKAGE	10-28-71	FD	
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05152	A DIGITAL FLIGHT CONTROL LOGIC FOR ON-ORBIT THRUST VECTOR CONTROL WITH OMPS ENGINES FIXED	10-07-71	EG	J. W. SUNKEL

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05157	SPACE SHUTTLE ORBITER CRUISE, APPROACH, AND LANDING SIMULATION	11-01-71	EG	A. B. MCDANIEL W. P. WEBSTER
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05166	MOPS PROGRAM REQUIREMENTS STAR TRACKER STAR SELECTION AND BRIGHT OBJECT AVOIDANCE (IN-71-FM-400)	11-29-71	FM	
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05212	PROPOSED INTERFACE CONTROL DOCUMENT FOR STABILIZATION AND CONTROL SYSTEM REQUIREMENTS FOR APPLICATION TO U.S.A./U.S.S.R. COMPATIBLE RENDEZVOUS AND DOCKING STUDY, CSM/SALYUT	11-28-71		
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05230	BIOMEDICAL LABORATORIES COMPUTER SYSTEM REQUIREMENTS AND DEVELOPMENT PLAN, PHASE 1	11-28-71	FD	
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05235	CISLUNAR ONBOARD NAVIGATION DATA FOR THE APOLLO 16, MARCH 17, 1972 LAUNCH (IN-71-FM-414)	11-07-71	FM	
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05243	APOLLO 16 OPERATIONAL TRAJECTORY SIMULATOR DATA PACKAGE (IN-71-FM-417)	12-16-71	FM	
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05249	POST-FLIGHT EVALUATION OF THE APOLLO 15 SPACECRAFT TRAJECTORIES (IN-71-FM-420)	01-04-72	FM	E. D. MURRAH
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05260	MEDICAL RESEARCH AND OPERATIONS DIRECTORATE APOLLO MEDICAL OPERATIONS PLAN	02-29-72	DA	
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05279	REUSABLE EXTERNAL INSULATOR THERMAL BOUNDARIES FOR THE HIGH CROSS-RANGE ORBITER (IN-71-FM-431)	12-23-71	FM	
05280	EVALUATION OF STAGING MECHANISMS FOR THE FULLY REUSABLE SHUTTLE (IN-71-FM-432)	01-13-72	FM	
05281	MPAD SOFTWARE DEVELOPMENT PLANS-SKYLAB RTCC AND MOPS		FM	W. A. SULLIVAN E. J. KENYON
05284	APOLLO 16 MISSION EVALUATION PLAN	12-28-71	PA	
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05388	DESIGN OF NEW EREP-ESE RACK NO. 1 FLUID INTERCONNECT FOR THE EREP CONTROL AND DISPLAY PANEL AND CONTROL AND DISPLAY PANEL THERMAL VACUUM TEST PLAN	05-22-72		
05390	SKYLAB PROGRAM EREP HARDWARE TECHNICAL SUMMARY			
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05430	EREP DESIGN CERTIFICATION REVIEW ASSESSMENT REPORT-SYSTEMS LIBRARY ACCESSION LIST	06-29-72		
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05807	PROJECT SPACE SHUTTLE ORBITER GN&C CRITICAL FAILURE IDENTIFICATION ANALYSIS	12-06-71	EG	
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05825	OPERATIONAL ABORT PLAN FOR APOLLO 16 (IN-72-FM-004) VOL. 1 - LAUNCH PHASE VOL. 2 - TRANSLUNAR, LUNAR ORBIT, AND TRANSEARTH ABORTS (REV. 1)	01-21-72 03-23-72	FM	
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05938	EARTH OBSERVATIONS AIRCRAFT PROGRAM MISSION PLAN-MISSION 200, SITES 175, 190	04-28-72	SF	L. BALLINGER
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08753	OPERATION AND MAINTENANCE MANUAL FOR THE SLEEP MONITOR SYSTEM TEST SET	03-22-72	DE	
08754	RTCC AND MDRS FORMULATIONS FOR TELEMETRY PROCESSING OF SKYLAB TORQUE AND MOMENTUM DATA (IN-72-FM-082)	03-30-72	FM	
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08757	EXTRAVEHICULAR MOBILITY UNIT DESIGN VERIFICATION TEST REPORT	03-28-72	EC	
08758	SHUTTLE NAVIGATION ACCURACY DURING REENTRY AND LANDING USING ONE-WAY INTEGRATED DOPPLER MEASUREMENTS (IN-72-FM-083)	03-23-72	FM	
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08772	COMMANDER'S OUT-THE-WINDOW VIEWS FOR THE APOLLO 17 LUNAR DESCENT (IN-72-FM-093)	04-06-72	FM	G. L. CARMAN
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06780	PRE-LAUNCH IMU CALIBRATION USING THE ONBOARD NAVIGATION PROGRAM (IN-72-FM-097)	04-14-72	FM	
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07032	APOLLO 16 MISSION ANOMALY REPORT NO. 1- OXIDIZER DESERVICING TANK FAILURE (REV. A)	11-28-72	PA	
07033	SPACE VEHICLE DYNAMICS SIMULATION PROGRAM (IN-72-FM-152)	06-20-72	FM	
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07037	MEAN AND COVARIANCE MATRIX ESTIMATION FROM TEST FIELD DATA (IN-72-FM-154)	07-05-72	FM	
07038	SKYLAB BATTERY INCIDENT INVESTIGATION	06-09-72		D. R. SAUCIE D. B. TRAHAN
07039	SKYLAB HYDROGEN NONPROPULSIVE VENT EVALUATION	06-26-72	EP	
07040	DEVELOPMENT AND DESIGN APPLICATION OF RIGIDIZED SURFACE INSULATION THERMAL PROTECTION SYSTEMS (2 VOLUMES)	12-30-72	ES	

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07044	ASCENT CONTROL CAPABILITY OF A PARALLEL BURN SRM SHUTTLE CONFIGURATION (IN-72-FM-156)	06-16-72	FM	
07045	POST-FLIGHT ANALYSIS OF APOLLO 15 S-IVB IMPACT NAVIGATION (IN-72-FM-157)	07-05-72	FM	
07046	SPECIFICATIONS FOR THE SKYLAB GROUND CONTROL MOMENTUM MANAGEMENT PROGRAM OF THE MISSION OPERATIONS PLANNING SYSTEM (IN-72-FM-158)	06-28-72	FM	
07050	AN OPTIMAL SOLID ROCKET MOTOR THRUST PROFILE TO MINIMIZE 040A SHUTTLE GLOW (IN-72-FM-159)	06-16-72	FM	
07052	APOLLO 16 LUNAR LANDMARK TRACKING REAL-TIME PROCESSING RESULTS (IN-72-FM-160)	06-26-72	FM	
07053	A MINIMUM SIZED SPACE SHUTTLE CONFIGURATION (IN-72-FM-161)	06-28-72	FM	
07054	POST-FLIGHT ANALYSIS OF APOLLO 15 CSM RCS LIMIT CYCLE BEHAVIOR IN LUNAR ORBIT	05-10-72	EG	E. T. KUBIAN K. L. LINDSAY
07055	SOLID STATE TRANSDUCER DEVELOPMENT	05-05-72	EG	
07056	PROJECT SPACE SHUTTLE LABORATORY AND VAN TESTING OF A CAROUSEL IV INERTIAL NAVIGATION SYSTEM	01-28-72	EG	J. M. LECHER
07057	POST-BLACKOUT ENTRY GUIDANCE AND CONTROL ANALYSIS OF THE ORBITER SPACE SHUTTLE VEHICLE	05-30-72	EG	
07058	A PRELIMINARY EVALUATION OF THE FLIGHT CONTROL SYSTEM ENERGY REQUIREMENTS FOR THE SUBSONIC PORTION OF THE SPACE SHUTTLE FLIGHT REGIME	05-28-72	EG	
07061	PROPULSION AND POWER DIVISION THERMOCHEMICAL TEST AREA SAFETY REVIEW REPORT	07-14-72	EP	J. P. CRABB
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07063	DIRECT MODE DYNAMIC RESPONSE OF THE ASTRONAUT MANEUVERING RESEARCH VEHICLE (IN-72-FM-162)	07-10-72	FM	
07065	QUALIFICATION TEST PLAN AND PROCEDURE FOR THE LUNAR NEUTRON PROBE EXPERIMENT, VOLUME 1	08-28-72	ND	
07066	PRE-INSTALLATION ACCEPTANCE TEST PROCEDURE FOR LUNAR NEUTRON PROBE EXPERIMENT, VOLUME 2	08-28-72	ND	W. L. YOUNG
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07068	VIEWS FROM THE WARDROOM WINDOW FOR SKYLAB MISSION PLANNING SIMULATION SUPPORT (IN-72-FM-163)	06-29-72	FM	
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07071	COMPARISON OF TRIAD AND DODECAHEDRON STRAPDOWN ERROR MODELS (IN-72-FM-165)	07-17-72	FM	
07075	POSITION OF PLANETS FOR SKYLAB, MAY 1973 (IN-72-FM-166)	06-28-72	FM	

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07084	DEVELOPMENT OF LOW-COST SPACE SHUTTLE THERMAL PROTECTION MATERIALS IN BULK FORM	07-31-73		
07085	FIRST SKYLAB MISSION REFERENCE ATTITUDE AND POINTING TIME LINE (IN-72-FM-169)	07-10-72	FM	L. C. CONNELLY C. R. HUNT
07086	EFFECTS OF VENTING ON THE SKYLAB CONTROL SYSTEM RESPONSE (IN-72-FM-170)	07-26-72	FM	
07090	DIGITAL PROCESSOR CONTROL OF ELECTRICAL POWER DISTRIBUTION SYSTEM	06-23-72	EB	S. C. NANCE
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07097	VERIFICATION SUMMARY OF THE NOMINAL MOTION PROGRAM OF THE FLEXIBLE SPACECRAFT SIMULATION	06-16-72	EG	R. L. HAKEN
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07099	A KALMAN FORMULATION FOR THE NEAP FILTER COVARIANCE MATRIX USING STATE NOISE EFFECTS (IN-72-FM-174)	07-18-72	FM	
07100	SPACE SHUTTLE PRESENTATIONS FOR THE NASA SPACE SHUTTLE SORTIE SYMPOSIUM-WORKSHOPS HELD AT THE GODDARD SPACE FLIGHT CENTER	07-31-72		
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07102	EARTH OBSERVATIONS AIRCRAFT PROGRAM ERTS PROJECT 110-9 SUPPORT PLAN-THE CIRCULATION OF PRINCE WILLIAM SOUND, SITE 314	06-28-72	TF	
07103	EARTH OBSERVATIONS AIRCRAFT PROGRAM ERTS PROJECT 013 SUPPORT PLAN-CROP IDENTIFICATION AND ACREAGE MEASUREMENT	06-28-72	CH	W. DAVIDSON
07104	EARTH OBSERVATIONS AIRCRAFT PROGRAM ERTS PROJECT 110-2-3-4-14 SUPPORT PLAN-APPLICATION OF ERTS-A IMAGERY TO RESOURCE IDENTIFICATION AND INVENTORY IN ALASKA	06-28-72	FC	G. HRABAL
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07107	PROJECT 593 SUPPORT PLAN FOR ERTS-APPLICATION OF ENHANCED ERTS-A IMAGERY TO COASTAL POLLUTION TEST SITE 308, PUGET SOUND	07-18-72	FC	
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07111	EARTH OBSERVATIONS AIRCRAFT PROGRAM CATALOGING AND INDEXING MISSION REPORT-MISSION 187, TEST SITES 187, 204, 206, 215, 224, 293	07-28-72	TF	
07112	EARTH OBSERVATIONS AIRCRAFT PROGRAM ERTS PROJECT 102 SUPPORT PLAN-A STUDY OF MARINE ENVIRONMENT OF THE NORTHERN GULF OF CALIFORNIA	07-28-72	FC	F. HEWMAN
07113	EARTH OBSERVATIONS AIRCRAFT PROGRAM ERTS PROJECT 183 SUPPORT PLAN-MONITORING CHANGING GEOLOGICAL FEATURES ALONG THE TEXAS GULF COAST	07-28-72	FC	W. DAVIDSON
07114	EARTH OBSERVATIONS AIRCRAFT PROGRAM ERTS PROJECT 139 SUPPORT PLAN-APPLICATION OF ERTS OBTAINED IMAGERY TO AGRICULTURE/FORESTRY	07-28-72	FC	J. C. LINDEMANN
07115	EARTH OBSERVATIONS AIRCRAFT PROGRAM ERTS PROJECT 025 SUPPORT PLAN- THE CIRCULATION OF THE COOK INLET, ALASKA, TEST SITE 314	06-28-72	CH	G. HRABAL
07116	EVALUATION OF ERTS IMAGERY FOR MAPPING AND DETECTION OF CHANGES OF SNOW COVER ON LAND AND ON GLACIERS	06-28-72	FC	G. HRABAL
07117	ERTS PROJECT 887-EFFECTIVE USE OF MULTISENSOR DATA IN THE GREAT PLAINS CORRIDOR	05-28-72	FC	R. BLILIE
07118	EARTH OBSERVATIONS AIRCRAFT PROGRAM CATALOGING AND INDEXING MISSION REPORT-MISSION 326, TEST SITES 95, 98, 102, 103, 104	07-28-72	TF	
07119	EARTH OBSERVATIONS AIRCRAFT PROGRAM ERTS PROJECT 281/282 SUPPORT PLAN-HYDRODYNAMIC ACTIONS AND DELINEATION OF SUSPENDED SEDIMENT CONCENTRATIONS, CHESAPEAKE BAY REGION	07-28-72	FC	J. LINDEMANN
07120	EARTH OBSERVATIONS AIRCRAFT PROGRAM PROJECT 020 SUPPORT PLAN-SOIL MAPPING/MANAGEMENT IN NEBRASKA SAND HILLS TEST SITE		FC	T. BARROW
07121	PROJECT SUPPORT PLAN FOR ERTS PROJECT 119-TEST SITE 255, NORTH HIGH PLAINS, SOUTH DAKOTA	05-28-72	FC	R. BLILIE
07122	IMAGE ENHANCEMENT AND ADVANCED INFORMATION EXTRACTION TECHNIQUES PROPOSAL TO USE ERTS DATA FOR A MULTIDISCIPLINARY ANALYSIS OF MICHIGAN		FC	R. BLILIE

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07125	EARTH OBSERVATIONS AIRCRAFT PROGRAM CATALOG- ING AND INDEXING MISSION REPORT-MISSION 41, TEST SITE 128	07-28-72	TF	
07128	EARTH OBSERVATIONS AIRCRAFT PROGRAM PROJECT 208 ERTS SUPPORT PLAN-APPLICATION OF REMOTE SENSING TO SELECTED BUREAU OF RECLAMATION PROJECTS	07-28-72	FC	W. DAVIDSON
07127	EARTH OBSERVATIONS AIRCRAFT PROGRAM CATALOG- ING AND INDEXING MISSION REPORT-MISSION 20, SITE 86	07-28-72	TF	
07129	EARTH OBSERVATIONS AIRCRAFT PROGRAM CATALOG- ING AND INDEXING MISSION REPORT-MISSION 38, TEST SITES 86, 175	07-28-72	TF	
07130	INTERDISCIPLINARY ANALYSIS OF ERTS DATA FOR COLORADO MOUNTAIN ENVIRONMENTS USING AUTOMATIC DATA PROCESSING TECHNIQUES	07-28-72	FC	R. ROWLEY
07131	EARTH OBSERVATIONS AIRCRAFT PROGRAM CATALOG- ING AND INDEXING REPORT MISSION-MISSION 26, TEST SITE 128	07-28-72	TF	
07132	EARTH OBSERVATIONS AIRCRAFT PROGRAM CATALOG- ING AND INDEXING MISSION REPORT-MISSION 37, TEST SITE 128	07-28-72	TF	
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07135	ERTS PROJECT 240-GULF OF MEXICO	07-28-72	FC	J. WEBER
07136	PRINCIPAL SOURCES AND DISPERSAL PATTERNS OF SUSPENDED PARTICULATE MATTER IN NEAR-SHORE SURFACE WATERS OF THE NORTHEAST PACIFIC OCEAN AND THE HAWAIIAN ISLANDS	08-15-72	FC	F. NEWMAN
07137	MARYLAND GEOLOGICAL SURVEY OF GEOLOGY, MINERAL, AND WATER RESOURCES		FC	J. WEBER
07138	EARTH OBSERVATIONS AIRCRAFT PROGRAM PROJECT SUPPORT PLAN FOR SRT PROJECT-TEST SITE 239, LAKE ONTARIO			
07139	REMOTE SENSING IN IOWA AGRICULTURE	07-27-72	FC	F. NEWMAN
07140	EARTH OBSERVATIONS AIRCRAFT PROGRAM CATALOG- ING AND INDEXING MISSION REPORT-MISSION 55, TEST SITES 7, 48, 56, 156	08-28-72	TF	
07141	EARTH OBSERVATIONS AIRCRAFT PROGRAM CATALOG- ING AND INDEXING MISSION REPORT-MISSION 52, TEST SITE 144	08-28-72	TF	
07142	SRT PROJECT 098-TEST SITE 254, CALIFORNIA COAST, OREGON TO MEXICO	08-01-72	FC	F. NEWMAN

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07144	PROPOSAL TO USE ERTS IMAGERY FOR THE STUDY OF RECREATIONAL LAND USE AND OPEN SPACE		FC	J. WEBER
07145	EARTH OBSERVATIONS AIRCRAFT PROGRAM PROJECT SUPPORT PLAN PROJECT TEST SITE 178		CH	J. WEBER
07146	EARTH OBSERVATIONS AIRCRAFT PROGRAM PROJECT SUPPORT PLAN FOR EASTERN FLOOD DAMAGE ASSESSMENT		CH	J. WEBER
07147	EARTH OBSERVATIONS AIRCRAFT PROGRAM PROJECT 132 SUPPORT PLAN-TEST SITE 296		CH	J. WEBER
07148	EARTH OBSERVATIONS AIRCRAFT PROGRAM CATALOGING AND INDEXING REPORT-LOCAL SUPPORT FLIGHT 8, TEST SITE 297	08-28-72	TF	
07149	EARTH OBSERVATIONS AIRCRAFT PROGRAM PROJECT SUPPORT PLAN FOR ERTS PROJECT 173	08-28-72	CH	R. BLILIE
07151	WORKING PAPER, PROJECT SPACE SHUTTLE-FLYING QUALITIES REQUIREMENTS FOR THE ORBITER UTILIZING CLOSED-LOOP, FLY-BY-WIRE CONTROL RESPONSE PARAMETERS (REV. 1)	12-15-73	EG	D. W. GILBERT C. T. HACKLER W. J. KLINAR
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07153	APOLLO 15 AND 16 RENDEZVOUS RADAR AND VHF SENSOR PERFORMANCE (IN-72-FM-175)	07-18-72	FM	
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07161	DESIGN DATA HANDBOOK FOR FLEXIBLE SOLAR ARRAY SYSTEMS	03-28-73	EP	D. J. PARQUET
07163	SPACE STATION SOLAR ARRAY TECHNOLOGY EVALUATION, FINAL REPORT	02-28-73	EP	F. V. BISCHOF
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07167	AN EVALUATION OF MINIMUM ACCEPTABILITY BARE AIRFRAME HANDLING QUALITIES FOR THE UNPOWERED ORBITER APPROACH AND LANDING	06-30-72	EG	A. J. LEGENDRE
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07194	MAJOR TEST ACCOMPLISHMENTS OF THE ENGINEERING AND DEVELOPMENT DIRECTORATE, 1970-1971	02-06-73	EA	
07196	SKYLAB PROGRAM DESIGN CERTIFICATION REVIEW VOLUME 2-SKYLAB MEDICAL EXPERIMENTS	09-15-72		
07197	SPACECRAFT OPERATIONAL TRAJECTORY, APOLLO 17 LAUNCH, DECEMBER 6, 1972 (IN-72-FM-187) VOL. 1 - MISSION PROFILE VOL. 2 - TRAJECTORY PARAMETERS	08-18-72	FM	
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07203	LUNAR SEISMIC PROFILING EXPERIMENT SAFETY PROGRAM	08-28-72	ED	
07204	FINAL MANNED SKYLAB LAUNCH ABORT MISSION TECHNIQUES	08-18-72	FC	
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07210	HANDBOOK OF PILOT OPERATIONAL EQUIPMENT FOR MANNED SPACE FLIGHT	08-28-73	CD	
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07219	PREPRINT OF PAPERS FOR THE SEVENTH AEROSPACE MECHANISMS SYMPOSIUM HELD AT NASA/MSI, SEPTEMBER 7-8, 1972	11-28-72	EA	G. G. HERZL W. F. ROGERS G. RYSAVY
07220	FINAL SKYLAB POINTING CONTROL MISSION TECHNIQUES	10-11-72	FC	
07221	FIRE SUPPRESSION SYSTEM TEST CHAMBER B, TEST NO. 55-B-71	07-28-72	EL	
07222	NAVIGATION SYSTEMS CHARACTERISTICS (IN-72-FM-190) (REV. 1)	07-10-73	FM	
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07226	SKYLAB RENDEZVOUS PROCEDURES CONCERNING MCC/NSR MANEUVER SELECTION (IN-72-FM-193)	08-08-72	FM	P. SHANNAHAN
07227	COMPUTER-AIDED METAL-OXIDE SEMICONDUCTOR CIRCUIT ANALYSIS USING SCEPTRE-SYSTEM FOR CIRCUIT EVALUATION AND PREDICTION OF TRANSIENT RADIATION EFFECTS	08-01-72	EB	W. J. MCGRADY
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07233	SHUTTLE HYDROGEN/OXYGEN TANK DISPOSAL FOR INSERTIONS INTO VARIOUS ALTITUDE ORBITS (IN-72-FM-194)	08-23-72	FM	
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07238	A REPRESENTATIVE REENTRY AND LANDING TRAJECTORY FOR THE SPACE SHUTTLE ORBITER (IN-72-FM-197)	08-17-72	FM	J. H. ALPHEM J. W. TOLIN
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07241	APOLLO 16 NAVIGATION RESULTS (IN-72-FM-198)	09-13-72	FM	
07242	EXPANSION AND REFINEMENT OF TIME ESTIMATING RELATIONSHIPS FOR ADVANCED PROGRAMS	08-28-72	BT	
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07244	QUICK-LOOK REPORT FOR AIRCRAFT SENSOR SYSTEMS (IN-72-FM-200)	08-18-72	FM	B. O. MCCAFFETY
07247	APOLLO 15 INDEX OF MAPPING CAMERA AND PANORAMIC CAMERA PHOTOGRAPHS	01-28-72	TF	
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07253 (dupl. #)	PRE- AND POST-UPDATE MEASUREMENT RESIDUAL STATISTICS (IN-72-FM-201)	08-30-72		
07254	TEPHEM TABLE FOR SKYLAB (IN-72-FM-203)	08-21-72	FM	B. F. COCKRELL

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07256	BASIC CONCEPTS OF SIGNATURE ANALYSIS TECHNIQUES (IN-72-FM-204)	08-25-72	FM	R. STOKES
07259	RATE GYRO MODE DYNAMIC RESPONSE OF THE ASTRONAUT MANEUVERING RESEARCH VEHICLE (IN-72-FM-205)	08-28-72	FM	T. B. MURTAGH
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07379	GUIDANCE AND NAVIGATION OPEN PROBLEM LIST WITH SAFETY, RELIABILITY, AND QUALITY ASSURANCE REMARKS	03-15-73	ND	
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07386	MSC CONTRACT SAFETY, RELIABILITY, AND QUALITY ASSURANCE STATUS REPORTS	04-01-73	NA	
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07408	EARTH OBSERVATIONS AIRCRAFT PROGRAM SUPPORT PLAN FOR ERTS PROJECT 654-DELAWARE BAY	10-06-72	TF	
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07427	EARTH OBSERVATIONS AIRCRAFT PROGRAM SUPPORT PLAN FOR ERTS PROJECT 245-DETERMINATION OF AEROSOL CONTENT IN THE ATMOSPHERE	10-28-72	CH	
07428	EARTH OBSERVATIONS AIRCRAFT PROGRAM MISSION REPORT-MISSION 180, SITES 137, 197, 277, 280	11-28-72		R. K. BLILIE
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07449	EARTH OBSERVATIONS AIRCRAFT PROGRAM CATALOGING AND INDEXING MISSION REPORT-MISSION 99, SITE 7	12-28-72	TF	
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07455	RTCC VERIFICATION REPORT-EPHEMERIS AND TRANSFORMATION DATA FOR APOLLO 17 (IN-72-FM-241)	10-11-72	FM	
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07469	POWERED DESCENT AND ASCENT TRAJECTORIES AND MONITORING TECHNIQUES, APOLLO 17 (IN-72-FM-246)	10-11-72	FM	
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07491	SKYLAB EMU LOW TEMPERATURE EVALUATION TEST REPORT	09-28-72	EL	
07493	APOLLO 17 S-IVB PRE- AND POST-TRANSLUNAR INJECTION VENTING TABLES (IN-72-FM-252)	11-02-72	FM	
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07497	SKYLAB VIDEO DOCUMENTATION PROJECT TELEVISION SCENE DEVELOPMENT TEST PLAN	10-28-72		
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07513	EARTH OBSERVATIONS AIRCRAFT PROGRAM ERTS PROJECT X133 SUPPORT PLAN FOR ENVIRONMENTAL PROTECTION AGENCY PATUXENT RIVER POLLUTION STUDY	12-19-72	CH	J. L. LINDEMANN
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07526	EARTH OBSERVATIONS AIRCRAFT PROGRAM ERTS PROJECT 085 SUPPORT PLAN-LAND USE, WETLAND CHARACTERIZATION, ATCHAFALAYA RIVER	12-28-72	CH	J. L. LINDEMANN
07527	EARTH OBSERVATIONS AIRCRAFT PROGRAM SUPPORT PLAN FOR PROJECT X-134-ALABAMA FOREST DAMAGE ASSESSMENT, TEST SITES 337, 338	11-28-72	CH	H. WEYER
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07538	EARTH OBSERVATIONS AIRCRAFT PROGRAM SRT PROJECT X130 SUPPORT PLAN FOR SPECIAL AREA MOSQUITO CONTROL DEMONSTRATION-TEST SITE 132	12-15-72	CH	
07539	EARTH OBSERVATIONS AIRCRAFT PROGRAM MISSION REPORT-MISSION 67M, ERTS PROJECT 049, TEST SITE 250	11-10-72		
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07563	EARTH OBSERVATIONS AIRCRAFT PROGRAM MISSION REPORT-MISSION 128,SITES 29, 30, 46, 85, 132, 175, 187, 194, 211, 217, 225, 226, 227, 228, 229, 239, 231, 234, 235, 994, 996			R. L. ROWLEY
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07563	VMMPS PHASE I-B SUBSYSTEM FUNCTIONAL REQUIREMENTS (IN-72-FM-262) VOL. 1 - FLIGHT SCHEDULING SUBSYSTEM VOL. 2 - INFORMATION MANAGEMENT SYSTEM VOL. 3 - MISSION DESIGN AND ANALYSIS SUBSYSTEM	12-12-72 11-15-72 11-24-72	FM	
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07580	RECOMMENDED STARS FOR LM IMU ALINEMENT ON THE LUNAR SURFACE DURING APOLLO 17 (IN-72-FM-269)	11-16-72	FM	
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07640	APOLLO 16 MISSION ANOMALY REPORT NO. 6-REACTION CONTROL SYSTEM HELIUM PRESSURE REGULATOR FILTER FAILURE	12-28-72	PA	
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07648	A 30-RUN, 100-RUN REENTRY MONTE CARLO COMPARISON ANALYSIS (IN-72-FM-294)	01-02-73	FM	
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07651	SKYLAB RTCC VERIFICATION RESULTS OF THE ATMDC NAVIGATION/TIMING SIMULATION AND UPDATE PROGRAM (IN-72-FM-296)	01-30-73	FM	
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07653	ROCKET RESEARCH 27-POUND THRUST HYDRAZINE ENGINE TEST PROGRAM	02-05-72	EP	J. E. BOUVIER E. REESE
07656	USER'S GUIDE FOR THE EA1 8400 DIGITAL COMPUTER (IN-72-FM-297)		FM	
07657	FIELD-OF-VIEW SELECTION CONSTRAINTS FOR THE MULTIMODE OPTICAL SENSOR		EG	
07661	PREDICTED LAUNCH ABORT LANDING POINT DATA COMPUTED FOR APOLLO 17 (IN-72-FM-298)	12-21-72	FM	
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07664	SKYLAB MOBILE LABORATORY OPERATIONS PLAN	12-20-72	DA	
07665	APOLLO 17 TRANSLUNAR P23 REAL-TIME RESULTS (IN-72-FM-299)	01-03-73	FM	
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07668	APOLLO 17 LUNAR LANDMARK TRACKING REAL-TIME REPORT (IN-72-FM-300)	01-24-73	FM	
07669	RATIONALE FOR THE DETERMINATION OF FLIGHT PERFORMANCE RESERVES FOR THE MSC 049 SHUTTLE ORBITER CONFIGURATION (IN-73-FM-001)	01-26-73	FM	
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07671	PAYLOAD CENTER-OF-GRAVITY ANALYSIS FOR THE MSC SHUTTLE TRAFFIC MODEL (IN-73-FM-002)	02-23-73	FM	M. E. DONAHOO
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07690	TEST PLAN AND PROCEDURE FOR DETERMINATION OF SENSITIVITY OF SKYLAB CREW MEMBERS TO MEDICAL EXPERIMENT M-133 CAP ASSEMBLIES	12-28-73	DE	
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07882	SKYLAB MEDICAL OPERATIONS REPORTING PLAN	03-15-73	DA	
07883	CRITIQUE OF A DYNAMIC PROGRAMMING ALGORITHM FOR FEATURE SELECTION IN A PATTERN RECOGNITION SYSTEM (IN-73-FM-041)	03-27-73	FM	
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07888	ESTIMATION OF ORBITAL ASSEMBLY COORDINATE TRANSFORMATIONS WITH MULTIPLE DATA SOURCES (IN-73-FM-042)	03-30-73	FM	
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07894	PARITY EQUATIONS DODECAHEDRON IMU REDUNDANCY MANAGEMENT PERFORMING FOR ACCELEROMETER FAILURES DURING SHUTTLE LAUNCH (IN-73-FM-045)	04-03-73	FM	
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07904	APOLLO 17 MISSION REPORT (MULTIPLE SUPPLEMENTS)	03-28-75	PA	
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07906	STDN SUPPORT FOR SHUTTLE NAVIGATION (IN-72-FM-052)	04-16-73	FM	
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07909	EARTH OBSERVATIONS AIRCRAFT PROGRAM PROJECT SUPPORT PLAN FOR SRT PROJECT X179 - SURVEY OF CITRUS YOUNG TREE DECLINE	03-28-73	SF	W. FENNER
07910	EARTH OBSERVATIONS AIRCRAFT PROGRAM PROJECT SUPPORT PLAN FOR SRT PROJECT X170 -SAM HOUSTON NATIONAL FOREST	03-28-73	SF	W. FENNER
07911	SKYLAB JSC ATMDC PROGRAM NOTES	03-30-73	FC	
07912	APOLLO 15 MISSION ANOMALY REPORT NO. 4 - TEMPORARY LOSS OF COMMAND MODULE TELEVISION PICTURE	03-28-73	PA	
07913	AUTONOMOUS NAVIGATION ERROR PROPAGATION USING OPTIMAL AND RADAR-KNOWN LANDMARK TRACKING (IN-73-FM-054)	04-09-73	FM	
07914	SKYLAB MEDICAL EXPERIMENTS ALTITUDE TEST ANOMALY REPORT NO. 3 - ERGOMETER LOAD MODULE FAILURE	04-28-73	KA	

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07918	RTCC VERIFICATION OF FORMULATION FOR ATMDC EVENT TIMING DISPLAY (IN-73-FM-055)	04-20-73	FM	
07920	SKYLAB MEDICAL EXPERIMENTS ALTITUDE TEST ANOMALY REPORT NO. 6 - LIMB VOLUME MEASUREMENT SYSTEM ANOMALIES	04-28-73	KA	
07921	PERFORMANCE MONITORING OF INERTIAL INSTRUMENTS USING REDUNDANT KT-70 GIMBALED PLATFORMS (IN-73-FM-056)	04-23-73	FM	
07922	A GYRO FAILURE DETECTION AND ISOLATION ALGORITHM FOR REDUNDANT GIMBALED CAROUSEL IV PLATFORMS (IN-73-FM-057)	04-03-73	FM	
07925	USER'S GUIDE FOR THE DRC DATA PROCESSING REQUEST FORM	04-28-73	FD	
07927	SPACE SHUTTLE SENSOR SERVO ACCELEROMETER ENVIRONMENTAL TEST PROCEDURES MANUAL	03-28-73	EB	
07928	A STUDY OF SRB THRUST TERMINATION REQUIREMENTS (IN-73-FM-080)	04-13-73	FM	
07929	SKYLAB MEDICAL EXPERIMENT ALTITUDE TEST ANOMALY REPORT NO. 2 - THE WAIST SEAL OF THE LOWER BODY NEGATIVE PRESSURE DEVICE	04-28-73	KA	
07932	SUMMARY OF APOLLO SUPPORT TESTING IN THE THERMOCHEMICAL TEST AREA	02-28-73	EP	
07933	CENTER-OF-GRAVITY CLUSTERING ANALYSIS FOR THE JSC AND MSFC TRAFFIC MODELS (IN-73-FM-061)	04-27-73	FM	
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07939	USER'S GUIDE FOR THE AUTOMATIC FLOW CHART GENERATOR PROGRAM (SUPERCEDED BY JSC 15795) (IN-73-FM-062)	04-16-73	FM	
07940	QUALIFICATION TEST REPORT-IN-FLIGHT MEDICAL SUPPORT SYSTEM ORBITAL WORKSHOP PORTION	04-10-73	NB	J. M. SLEITH
07941	QUALIFICATION TEST REPORT-IN-FLIGHT MEDICAL SUPPORT SYSTEM CM RESUPPLY KIT (R+RC) PORTION	04-12-73		
07942	A ZERO-ONE INTEGER PROGRAMMING SOLUTION TO DETERMINE THE MINIMUM NUMBER OF TEST CASES REQUIRED FOR SOFTWARE CHECKOUT (IN-73-FM-063)	04-27-73	FM	
07943	OPERATIONAL CONSUMABLES ANALYSIS FOR THE FIRST SKYLAB MISSION, SL-1/SL-2, FOR APRIL 30, 1973, SL-1 LAUNCH (IN-73-FM-064) VOL. 1 - ELECTRICAL POWER VOL. 2 - ENVIRONMENTAL CONSUMABLES	05-10-73 05-07-73 05-10-73	FM	
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07951	MODIFICATIONS TO LINEAR TANGENT ASCENT GUIDANCE (IN-73-FM-068)	05-07-73	FM	
07952	FIRST MANNED SKYLAB MISSION, SL-2, GROUND TRACK BASED ON A MAY 14, 1973, LAUNCH WORKSHOP (IN-73-FM-069)	04-25-73	FM	
07953	SHUTTLE SRB FLEET SIZING STUDY USING THE GPSS LAUNCH OPERATIONS PROGRAM (IN-73-FM-070)	04-30-73	FM	
07954	APOLLO 17 MISSION ANOMALY REPORT NO. 2 - MAPPING CAMERA EXTENSION MECHANISM OPERATED ERRATICALLY	04-28-73	PA	
07955	THE HAMILTON STANDARD 25-POUND THRUST HYDRAZINE ENGINE TEST	07-19-73	EP	R. K. WILLIAMS
07957	SKYLAB BIOTECHNOLOGY CONSOLE HANDBOOK (REV. A)	05-07-73	FC	
07958	USER'S GUIDE AND SOFTWARE DOCUMENTATION FOR THE ALGORITHM SIMULATION TEST AND EVALUATION PROGRAM (IN-73-FM-071) (REV. 2)	04-28-76	FM	R. C. TURLEY
07959	INSTRUMENTATION OPERATIONAL CALIBRATION CURVES MEDICAL EXPERIMENTS PRE-FLIGHT DATA COLLECTION	04-28-73	PT	
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07961	SKYLAB MISSION HAZARD ANALYSIS	04-09-73		
07963	SAFETY, RELIABILITY, AND QUALITY ASSURANCE MISSION SUPPORT PLAN FOR SKYLAB (REV. B)	11-01-73	NA	
07964	AVAILABILITY OF SELECTED STARS FOR THE FIRST SKYLAB MISSION, SL-1/SL-2, IN SOLAR INERTIAL ATTITUDE	05-04-73	FM	
07966	TWO-BODY K/S VARIATIONAL EQUATIONS	05-07-73	FM	D. J. JEZEWSKI
07969	SVDS PROGRAMMING SUPPORT DISPLAYS (IN-73-FM-076) (REV. 3)	10-23-75	FM	
07970	SAFETY, RELIABILITY, AND QUALITY ASSURANCE TRAVEL CONTROL PROCEDURE (REV. F)	09-28-78	NA	
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07977	SKYLAB DISPERSION ANALYSIS (IN-73-FM-077)	05-18-73	FM	
07978	MATHEMATICAL MODELS FOR PREDICTING SKYLAB AM/ATM BATTERY CAPACITY (IN-73-FM-078)	05-11-73	FM	
07979	CONCORDE APU TEST	10-23-73	EP	
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07981	DOUBLE FLSC SEPARATION SYSTEM	05-10-73	EP	
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07987	SKYLAB TELEVISION SL-2 SCENE REFERENCE PHOTOGRAPHS			
07988	MOPS NAVIGATION SUPPORT FOR SKYLAB 1 AND 2 (IN-73-FM-080)	05-14-73	FM	
07989	S192 CALIBRATION CONSTANTS (IN-73-FM-081) (REV. 1)	09-19-73	FM	J. ENGVALL
07990	QUARTZ CRYSTAL MICROBALANCE EVALUATION TEST FOR SESL CHAMBER A CONTAMINATION MEASUREMENT APPLICATION	04-28-73		
07994	CHRONOLOGICAL SUMMARY OF THE APOLLO ABORT WORKING GROUP ACTIVITIES (IN-73-FM-082)	05-17-73	FM	
07995	ATMOC NAVIGATION AND TIMING SIMULATION PROGRAM ERROR ANALYSIS (IN-73-FM-083)	05-23-73	FM	
07996	SHUTTLE FLIGHT PLANNING AND CREW ACTIVITY GUIDE	05-16-73	CB	T. W. HOLLOWAY J. V. RIVERS
07997	THE ERTS-1 INVESTIGATION (ER-600) TYPE 2 REPORT FOR JULY 1972 TO APRIL 1973	05-28-73	TF	R. B. ERB
07998	1972 SIGNIFICANT ACCOMPLISHMENTS-PLANETARY AND EARTH SCIENCES DIVISION, LUNAR SAMPLE CURATOR	04-28-73	TA	
07999	APU THROTTLE VALVE STUDY	05-17-73	EP	B. J. LEE
08000	CONTROL SYSTEM REQUIREMENTS FOR TRAJECTORY CONTROL DURING ENTRY (IN-73-FM-084)	05-24-73	FM	
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08002	CREW/COMPUTER INTERFACE AND DISPLAY FORMATS DEFINITION	05-18-73	CG	
08004	THE BUDGET FORMULATION OF THE PERTURBED TWO-BODY PROBLEM WITH TOTAL ENERGY AS AN ELEMENT (IN-73-FM-086)	06-08-73	FM	
08005	EXOATMOSPHERIC BOOST GUIDANCE FOR SPACE SHUTTLE VEHICLE (IN-73-FM-087)	06-01-73	FM	
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08007	GENERAL GUIDELINES ON THE CONTROL, COST, AND RELIABILITY OF INTEGRATED CIRCUITS FOR THE SPACE SHUTTLE AVIONICS SYSTEM	05-17-73	ED	
08009	OPTIMAL PLANNING TECHNIQUE FOR INTEGRATED MISSION ANALYSIS (OPTIMA)-USER INFORMATION (IN-73-FM-088)	06-08-73	FM	
08010	CLUSTO - A NEW PROGRAM FOR THE NONSUPERVISED CLASSIFICATION OF MULTISPECTRAL DATA	05-28-73	TF	R. E. HASKELL
08011	A CORRELATION METHOD FOR PROCESSING MULTISPECTRAL DATA	08-28-73	TF	R. E. HASKELL

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08014	A NEW CONCEPT OF GENERAL GRAVITY LOSS ESTIMATION FOR EXPLICIT GUIDANCE PROBLEMS (IN-73-FM-090)	06-11-73	FM	
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08016	AN ANALYSIS AND COMPARISON OF ADAPTIVE AND ITERATIVE CLUSTERING ALGORITHMS USING SIMULATED MULTISPECTRAL DATA (IN-73-FM-091)	06-29-73	FM	
08017	SKYLAB ENTRY MISSION PLAN	06-05-73	FM	J. F. CLEMONS D. C. GARDNER
08019	CM/RCS HYBRID DEORBIT ANALYSIS (IN-73-FM-093)	06-26-73	FM	
08021	ATTACHED MANIPULATOR SYSTEM DESIGN AND CONCEPT VERIFICATION FOR ZERO-G SIMULATION	06-28-73	EW	R. BOOKER W. BURKITT P. CORVELEYN
08022	ANALYSIS OF SHUTTLE SUBORBITAL TANK STAGING FOR MISSION 3A (IN-73-FM-095)	05-19-73	FM	
08023	OPERATOR-CERTIFIED CALIBRATION PROCEDURE FOR BRUSH MARK 200 CHART RECORDER	06-01-73	EA	W. B. MCCAMPBELL
08024	SKYLAB OPERATIONAL TRAJECTORY SIMULATED DATA PACKAGE, SL/1-SL/3, (IN-73-FM-096) (REV. 1)	06-27-73	FM	
08026	SPACE ENVIRONMENT SIMULATION LABORATORY TEST REPORT - APPLICATIONS TECHNOLOGY SATELLITE PARABOLIC REFLECTOR SUBSYSTEM TESTS, CHAMBER A	06-28-73	EL	H. D. GREEN
08027	EARTH RESOURCES DATA HANDLING PLAN	06-28-73	FS	
08028	PREDICTED MODE I LAUNCH ABORT LANDING POINT DATA COMPUTED FOR THE FIRST SKYLAB MISSION, SL/1-SL/2, (IN-73-FM-097)	05-19-73		
08029	A STUDY OF TROPOSPHERIC REFRACTION (IN-73-FM-098)	06-25-73	FM	
08030	SKYLAB SPACECRAFT OPERATIONAL LAUNCH ABORT PLAN - SECOND MANNED LAUNCH, SL-3, (IN-73-FM-099)	06-25-73	FM	
08031	TEST PROCEDURE FOR RELATIVE STIFFNESS MEASUREMENT ON CANDIDATE FLEXIBLE THERMAL HEAT SHIELD MATERIALS	06-15-73	ES	J. ESTEP
08033	AN ASSESSMENT OF ABORT CAPABILITY FOLLOWING COMPLETE ORBITER THRUST LOSS DURING LAUNCH (IN-73-FM-100)	06-25-73	FM	
08034	CSM CFE OPEN CERTIFICATION STATUS SUMMARY REPORT	02-07-75	NB	
08036	CSM SPACECRAFT MATERIAL AGE SENSITIVE PARTS LISTING	01-28-75	NB	
08037	JSC CSM AGE CONTROLLED/TIME ACTION REQUIREMENTS SUMMARY	06-28-75	NB	
08038	COMMAND AND SERVICE MODULE-111, DOCKING MODULE-2, DOCKING SYSTEM-5, AND GOVERNMENT-FURNISHED EQUIPMENT NONMETALLIC MATERIALS	05-28-75	NB	

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08039	COMMAND SERVICE MODULE, CSM-111, DOCKING SYSTEM, AND DOCKING MODULE ELECTRICAL, ELECTRONIC, AND ELECTROMECHANICAL PARTS	06-28-76	NB	
08040	GOVERNMENT-FURNISHED EQUIPMENT ELECTRICAL, ELECTRONIC, AND ELECTROMECHANICAL PARTS ASSESSMENT REPORT-ASTP CSM 111/DM-2	05-28-75		
08046	SECOND MANNED SKYLAB MISSION, SL-3. GROUND TRACK BASED ON A MAY 14, 1973 LAUNCH WORKSHOP (IN-73-FM-101)	06-29-73	FM	R. R. BERGQUIST
08047	SUGGESTED REFRACTION CORRECTION MODEL FOR SPACE SHUTTLE WORK (IN-73-FM-102)	06-29-73	FM	
08048	GLOT PLOTTER PROGRAM FOR THE SPACE VEHICLE DYNAMICS SIMULATION PROGRAM (IN-73-FM-103)	07-05-73	FM	
08049	SKYLAB MISSION SL-3 HAZARD ANALYSIS	07-02-73	NA	
08050	NOMINAL AND CONTINGENCY MISSION SEPARATION PROCEDURES FOR THE SECOND SKYLAB MISSION, SL-3	07-05-73	FM	M. L. WILLIAMSON
08051	SKYLAB 1/2 TECHNICAL AIR-TO-GROUND VOICE TRANSCRIPTION	07-28-73		
08052	SKYLAB 1/2 ONBOARD VOICE TRANSCRIPT RECORDED ON THE COMMAND MODULE AND AIRLOCK MODULE RECORDERS	07-28-73		
08053	SKYLAB 1/2 TECHNICAL CREW DEBRIEFING	06-28-73		
08055	PRELIMINARY PROJECT DEFINITION AND IMPLEMENTATION PLAN FOR THE VEHICLE MANAGEMENT AND MISSION PLANNING SYSTEMS (IN-73-FM-105)	06-29-73	FM	
08056	MALAKER CRYOGENIC COOLER REFURBISHMENT PROGRAM	11-02-73	EP	N. C. LUKSA
08057	SKYLAB COVERAGE OF THE JUNE 30, 1973 SOLAR ECLIPSE	07-12-73	FM	A. N. LUNDE O. MCCAFFETY
08058	APOLLO/SOYUZ TEST PROJECT PRELIMINARY MISSION PROFILE (IN-73-FM-107)	07-03-73	FM	
08059	EARTH OBSERVATIONS AIRCRAFT PROGRAM PROJECT SUPPORT PLAN FOR SRT PROJECT X177	06-28-73	TF	
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08084	PRE-SIMULATION REPORT SHUTTLE MODE 3 ABORT DISPLAY EVALUATION	07-03-73	CG	C. O. LEWIS
08085	SPACE VEHICLE DYNAMICS SIMULATION PROGRAM SUBROUTINE LIBRARY (IN-73-FM-110) (6 VOLUMES)	07-20-73	FM	
08086	ATM FLIGHT VEHICLE THERMAL-VACUUM TEST PROGRAM	07-28-73	EL	
08087	SKYLAB 3, CSM-117, MISSION COMMUNICATION SYSTEMS PERFORMANCE AND COVERAGE PREDICTIONS	07-28-73		R. J. PANNETON J. A. PORTER
08088	SKYLAB 3, CSM-117, MISSION COMMUNICATION SYSTEMS PERFORMANCE AND COVERAGE PREDICTIONS, RENDEZVOUS AND DOCKING	07-28-73	EJ	

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08075	NOMINAL AND CONTINGENCY SEPARATION PROCEDURES FOR APOLLO/SOYUZ TEST PROJECT, PRELIMINARY (IN-73-FM-112)	07-25-73	FM	
08078	THE ERROR FUNCTION METHOD FOR HANDLING INEQUALITY CONSTRAINTS (IN-73-FM-114)	07-25-73	FM	
08079	SKYLAB GYRO-STABILIZED BINOCULAR FLAMMABILITY QUALIFICATION TESTS	07-17-73	ES	D. G. SAUERS
08080	THE EFFECT OF VARIABLE PAYLOAD WEIGHT ON THE SHUTTLE ONCE-AROUND ABORT (IN-73-FM-115)	07-20-73	FM	
08082	SKYLAB 1/2 EXPERIMENTS DEBRIEFING VOL. 1 - APOLLO TELESCOPE MOUNT VOL. 2 - EARTH RESOURCES VOL. 3 - COROLLARY	07-05-73 07-06-73 07-28-73	KW	
08083	REAL-TIME NAVIGATION AND TRANSFORMATION SUPPORT FOR THE FIRST SKYLAB MISSION, SL-1/SL-2 (IN-73-FM-113)	07-25-73	FM	
08084	MIXING INERTIAL AND NAVIGATIONAL AID DATA BY USING COMPLEMENTARY FILTERS DURING SHUTTLE AUTOLAND (IN-73-FM-116)	07-30-73	FM	
08085	COMPARATIVE DURABILITY TESTS ON VARIOUS PATENT OFFICE ANTIFOG COMPOUNDS	07-25-73	ES	D. G. SAUERS
08086 (dupl. #)	A GLOSSARY OF MICROELECTRONIC TERMINOLOGY	07-17-73	EB	
08086 (dupl. #)	AN ORBIT STUDY FOR LANGLEY'S LONG DURATION EXPOSURE FACILITY	07-18-74	FM	J. A. BELL R. E. KINCADE G. L. NORBRATEN
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08088	DATA ACQUISITION CONTROL AND BUFFER UNIT PERFORMANCE REQUIREMENTS	07-18-73	EG	
08089	SPACE SHUTTLE SENSOR EVALUATION	07-28-73		J. CARNIFF
08090	FLEET SIZING STUDY FOR THE 581 FLIGHT TRAFFIC MODEL (IN-73-FM-118)	07-25-73	FM	
08091	TELEVISION SCENE REFERENCE PHOTOGRAPHS, SKYLAB MISSION 2, SL-3	07-28-73	KW	
08093	SECOND SKYLAB MISSION OPERATIONAL ATTITUDE AND POINTING TIMELINE (IN-73-FM-119)	07-25-73	FM	
08094	THE SBACI PERFORMANCE AT -260°F	12-28-73	EP	L. J. PRICE
08095	SKYLAB OPERATIONAL ENVIRONMENTAL CONTROL SYSTEM CONSUMABLES ANALYSIS FOR THE SECOND AND THIRD SKYLAB MISSIONS, SL-3 AND SL-4 (IN-73-FM-120)	08-01-73	FM	
08096	PRELIMINARY REPORT OF SENSOR TECHNOLOGY REQUIREMENTS AND STATUS OF EVALUATIONS	02-28-73	EG	
08099	EFFECTS OF A PAYLOAD DUMP ON SHUTTLE PAYLOAD CAPABILITY DURING A LAUNCH ABORT	07-30-73	FM	B. G. KIRKLAND

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08101	DATA COMMUNICATIONS SYSTEM REQUIREMENTS, DEFINITION, AND STUDY RESULTS	06-17-75		
<u>08102</u>	NATIONAL SPACE TRANSPORTATION SYSTEM LEVEL II BASELINE DESCRIPTION AND STATUS REPORT (REV. C)	10-06-87	GM	
08103	INFORMATION MANAGEMENT EFFECTIVENESS REPORT	01-15-77	LV	
<u>08106</u>	SPACE SHUTTLE PROGRAM INFORMATION SYSTEMS HANDBOOK (REV. D)	05-28-82	LV	
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08160	JSC GOVERNMENT-FURNISHED EQUIPMENT ELECTRICAL, ELECTRONIC, AND ELECTROMECHANICAL PARTS REQUIREMENTS MANUAL	07-28-76	NA	
08161	COMSEC SECURITY PROCEDURES MANAGEMENT INFORMATION CENTER SECURE OPERATIONS ROOM, BUILDING 1, ROOM 612 AT JSC (REV. A)	10-01-84	LA	
<u>08163</u>	NATIONAL SPACE TRANSPORTATION SYSTEM - MATRIX SWITCH SYSTEM CONFIGURATION AND PROCEDURES DOCUMENT, BASIC	04-28-87	GM	
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08330	COMPUTER SYSTEMS HARDWARE/SOFTWARE INTEGRATION SOFTWARE DEVELOPMENT STANDARDS HANDBOOK NO. 1	09-02-75	LA	
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08337	SPACE SHUTTLE PROGRAM FLIGHT OPERATIONS DIRECTORATE DATA MANAGEMENT REVIEW	07-29-77		
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08406	CREW INTEGRATION PLAN FOR THE SHUTTLE PROGRAM DEVELOPMENT AND TEST PHASE	08-28-73	CD	
08408	JSC SKYLAB PARASOL MATERIAL EVALUATION	07-30-73	ES	T. J. BALLENTINE J. W. ESTEP S. JACOBS
08410	SKYLAB EARTH RESOURCES AND SPACE PHYSICS EQUIPMENT	07-19-73	KS	L. J. BRAQUET
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08413	AN ANALYSIS OF A DATA FILTERING FORMULA FOR REDUNDANCY MANAGEMENT SCHEMES (IN-73-FM-123)	08-27-73	FM	
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08426	G. E. FUEL CELL FLOW PATTERN INVESTIGATION	08-15-73	EP	J. A. ROBERSON
08428	FEASIBILITY DETERMINATION FOR SPACE SHUTTLE CRYOGENIC STORAGE SYSTEM EXTERNAL PRESSURIZATION DESTRATIFICATION RECIRCULATION LOOPS	08-24-73	EP	D. R. SAUCIER
08429	EVALUATION OF A CAROUSEL 4 INERTIAL NAVIGATION SYSTEM REPORT NO. 1	08-28-73	EG	J. M. LECHER
08430	SENSITIVITY STUDY FOR THE CMG MODE RESPONSE THE SKYLAB ASTRONAUT MANEUVERING RESEARCH VEHICLE (IN-73-FM-127)	08-21-73	FM	
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08432	EXPLORING EARTH RESOURCES WITH SKYLAB	08-28-73	AP3	
08433	OPTIMAL THRUST PROFILE SHAPING FOR SHUTTLE USING THIRD-DEGREE NATURAL SPLINE FUNCTION INTERPOLATION IN THE PEACE PROGRAM (IN-73-FM-128)	11-27-73	FM	I. L. JOHNSON
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08437	COMPUTATION TIME REQUIREMENTS OF CANDIDATE SHUTTLE NAVIGATION FILTERS (IN-73-FM-130)	09-13-73	FM	R. E. ECKELKAMP
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08441	THE MULTIPHASE NAVIGATION PROGRAM FOR THE SPACE SHUTTLE ORBITER (IN-73-FM-132)	09-07-73	FM	W. M. LEAR
08443	SHUTTLE AVIONICS BREADBOARD DEVELOPMENT AND TEST OBJECTIVES	08-28-73	EG	
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08450	DEVELOPMENT OF A TWO-CHANNEL LINEAR DISCRIMINANT FUNCTION FOR DETECTING AND IDENTIFYING SURFACE WATER USING ERTS-1 DATA	08-28-73	TF	
08453	EVALUATION OF COMPUTER-AIDED PROCEDURE FOR DETECTING SURFACE WATER	08-28-73	TF	
08455	THE ERTS-1 INVESTIGATION-A COMPENDIUM OF ANALYSIS RESULTS OF THE UTILITY OF ERTS-1 DATA FOR LAND RESOURCES MANAGEMENT	11-28-74	SC	R. B. ERB
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08466	APOLLO/SOYUZ TEST PROJECT CREW PROCEDURES MANAGEMENT PLAN	07-28-76	CG	J. L. BAKER
08467	FINAL CREW CHARTS FOR THE THIRD MANNED SKYLAB MISSION, SL-4 (IN-73-FM-135) (REV. 1)	11-19-73	FM	
08468	A FEASIBILITY STUDY OF GROUND CONTROLLED TERMINAL AREA GUIDANCE FOR THE SHUTTLE ORBITER (IN-73-FM-136)	09-14-73	FM	J. V. WEST
08469	APOLLO/SOYUZ TEST PROJECT OPERATION HANDBOOK-COMMAND/SERVICE/DOCKING MODULES SYSTEMS OPERATING PROCEDURES	06-20-74	BT	
08471	PROJECT SPACE SHUTTLE SAIL BREADBOARD CHECKOUT LANGUAGES	09-14-73	EG	
08472	APOLLO/SOYUZ TEST PROJECT PRELIMINARY APOLLO ATTITUDE AND POINTING TIMELINE (IN-73-FM-137)	09-19-73	FM	T. W. KELLER W. R. LACY M. R. WHINERY
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08475	DATA PACKAGE FOR SHUTTLE ASCENT REFERENCE TRAJECTORY TAPE (IN-73-FM-139)	10-17-73	FM	W. W. FERRY C. L. FLETCHER
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08478	SKYLAB 1/3 TECHNICAL CREW DEBRIEFING	10-04-72	KW	
08480	SKYLAB 1/3 APOLLO TELESCOPE MOUNT EXPERIMENTS DEBRIEFING	10-15-73	KW	
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08483	SKYLAB MISSION HAZARD ANALYSIS SL-4	12-28-73	NA	
08484	PRELIMINARY DATA ON BOULDERS AT STATION 6, APOLLO 17 LANDING SITE	10-28-73		P. BUTLER G. H. HEIKEN C. H. SIMONDS
08485	ACTIVITIES OF THE APOLLO FLIGHT LIMITS SUBPANEL (IN-73-FM-140)	09-25-73	FM	C. R. HUSS
08486	SKYLAB BATTERY CELL EVALUATION	09-25-73	EP	D. B. TRAHAN
08487	SKYLAB OPERATIONAL TRAJECTORY SIMULATOR DATA PACKAGE, SL-1/SL-4 (IN-73-FM-141)	09-26-73	FM	
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08503	LIFE SCIENCES DIRECTORATE 10-DAY REPORT FOR SL-3, SECOND MANNED MISSION FOR SKYLAB MEDICAL EXPERIMENTS	10-05-73	DA	
08504	SKYLAB-3 INTERIM R+ 21-DAY BIOMEDICAL REPORT, PRELIMINARY	11-28-73	SD	P. BUCHANAN
08505	SKYLAB-4 MISSION COMMUNICATION SYSTEMS PERFORMANCE AND COVERAGE PREDICTIONS	10-28-73	EJ	J. M. CASTILLO J. A. PORTER
08506	UNIVAC 1106/1110 TAPE DRIVE SUBSYSTEM PERFORMANCE COMPARISON	09-28-73	FD	P. M. HINSON
08507	SPS ENTRY DISPLAY EVALUATION SIMULATION	08-31-73		
08509	DETERMINATION OF HIGH VELOCITY WATER VAPOR PLUME PROFILES IN THE THERMAL-VACUUM ENVIRONMENT	11-14-73		H. K. EHLFRS B. B. ROBERTS J. T. VISENTINE
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08512	LASER PROFILOMETER-HARDWARE IMPACT ON DATA CORRECTION INTERIM REPORT (IN-73-FM-148)	10-18-73	FM	J. S. SIMPSON R. E. STOKES
08513	THIRD SKYLAB MISSION OPERATIONAL ATTITUDE AND POINTING TIMELINE	10-16-73	FM	S. C. BROOME L. C. CONNELLY E. D. SOBAK
08514	SPACE SHUTTLE ORBITER REDUNDANCY STATUS	05-01-75	NB	N. J. PRICE
08515	SKYLAB SPACECRAFT OPERATIONAL LAUNCH ABORT PLAN-THIRD MANNED LAUNCH, SL-4	10-25-73	FM	E. M. HENDERSON S. R. NEWMAN
08516	DESIGN AND TEST OF A SUNSHADE FOR THE SHUTTLE MULTIMODE OPTICAL SENSOR	10-19-73	EG	R. G. CHILTON I. SAULIETIS
08517	COMPUTER PROGRAM DEVELOPMENT AND MAINTENANCE TECHNIQUES (SUPERCEDED BY JSC 16923) (IN-73-FM-151)	11-05-73	FM	D. M. BRALEY
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08522	A PARAMETER OPTIMIZATION APPROACH TO SOLVING ASCENT AND ONCE-AROUND ABORT PROBLEMS WITH THE PEACE PROGRAM	11-01-73	FM	I. L. JOHNSON

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08525	SPACE SHUTTLE VEHICLE ENTRY AND TRANSITION SIMULATION	09-28-73	EL	H. N. SINGH
08536	PHASED PLAN FOR TEST OPERATION CENTER VALIDATION FOR SHUTTLE AVIONICS INTEGRATION LABORATORY	12-07-73	EJ	C. B. HOLDER
08558	WALL BOUNDARY EQUATIONS WITH SLIP AND CATALYSIS FOR MULTICOMPONENT NONEQUILIBRIUM GAS FLOWS	12-28-73		
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08561	ANALYSIS OF SHUTTLE PAYLOAD DIRECT INJECTION WITH SUBORBITAL TANK STAGING FOR DUE EAST MISSIONS (IN-73-FM-173)	12-18-73	FM	J. T. MCNEELY
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08564	RF TEST SET	12-07-73	EG	
08565	RS18B SOFTWARE FORMULATION FOR THE PRODUCTION PROCESSING SYSTEM (IN-73-FM-174)	12-12-73	FM	F. L. BARNES R. J. SPENCER A. D. WYLIE
08566	A METHOD FOR OPTIMAL MANEUVER ANALYSIS OF COMPLEX SPACE MISSIONS-OP&URN USER'S GUIDE	12-18-73	FM	S. F. MCADOO
08567	VEHICLE MANAGEMENT AND MISSION PLANNING SYSTEM, PHASE I-B, USER'S DOCUMENT, VOLUME 1- BATCH LOADER PROGRAM (IN-73-FM-177)	12-14-73	FM	
08568	ATMOSPHERIC MODELS FOR HORIZONTAL FLIGHT TEST SIMULATIONS	12-10-73	FM	O. HILL
08571	TECHNOLOGY EVALUATION OF HEATING, VENTILATION, AND AIR CONDITIONING FOR MIUS APPLICATION	11-28-74		W. L. GILL M. B. KEOUGH J. O. RIPPEY
08572	SOLID STATE IMAGE SENSORS - TECHNIQUES AND APPLICATIONS	12-14-73	ED	
08573	APOLLO 17 PHOTOGRAPH EVALUATION DATA BOOK (IN-73-FM-178)	02-22-74	FM	H. H. CUNNINGHAM
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08819	MISSION REQUIREMENTS CSM 111/DM2/APOLLO/SOYUZ TEST PROJECT (REV. B)	11-25-74	FM	
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09027	DATA PROCESSING PLAN FOR THE THERMAL-VACUUM TESTING OF THE APOLLO/SOYUZ TEST PROGRAM DOCKING MODULE	06-28-74	FD	
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09269	ASTP MISSION SAFETY ASSESSMENT	04-01-75	NA	
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09381	SYSTEMS REQUIREMENTS DOCUMENT FOR THE SHUTTLE PROGRAM INFORMATION MANAGEMENT SYSTEM	04-28-75	FD	J. W. PARKER N. C. WOLFE

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09658	TEST REPORT FOR SUBAUTHORIZATION SYSTEM		DH	K. PATTERSON
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09672	UNILATERAL SYSTEM SAFETY REPORT ON THE EFFECTS OF DELAYS IN THE SOVIET MISSION CONTROL CENTER RESPONSE	06-06-75	NA	
09673	ATS-6/CSM TRAINING CONSOLE OPERATIONS MANUAL	05-28-75	EE	R. DAVIS
09674	APOLLO/SOYUZ TEST PROJECT PHOTOGRAPHIC PROCESSING CONTROL PLAN	05-28-75	JL	H. E. LOCKWOOD
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09693	BELL MINUTEMAN ACS ENGINE TEST	05-28-75	EP	J. A. ROBERSON
09694	MPAD LACIE QUALITY ASSESSMENT PROCEDURES (IN-75-FM-038)	06-17-75	FM	Q. A. HOLMES E. PAPE
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09701	USER'S REFERENCE GUIDE FOR THE DOCUMENT INDEX SYSTEM FOR THE SHUTTLE INFORMATION SERVICE (REV. A)	09-28-76	FD	A. G. WILEY
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11108	OMS OSCILLATION TEST	08-10-77	EP	J. A. ROBERSON

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11111	OPERATIONAL READINESS VERIFICATION TEST PROCEDURE-SYSTEM POWER-UP/POWER DOWN (REV. A)	12-28-78	EF	H. E. VERRETT
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11127	METHODS FOR MICROBIOLOGICAL AND IMMUNOLOGICAL STUDIES OF SPACEFLIGHT CREWS	07-28-78		G. R. TAYLOR S. N. ZALOGUEV
11131	ELEVON DESIGN REVIEW	10-28-76	EG	J. C. BARR
11132	ACCEPTANCE TEST PROCEDURE FOR SHUTTLE ACTUATORS SIMULATOR, BODY FLAP SUBSYSTEM (REV. B)	05-28-84	EF	D. TRAN
11133	USER'S MANUAL FOR THE SHUTTLE ACTUATORS SIMULATOR, 3 VOLUMES	07-28-79	EH	J. BARR J. BERGMANN H. DUKE
11138	LEVEL B FORMULATION OF THE MASS PROPERTIES FOR THE SMCC DATA SYSTEM (IN-78-FM-022)	04-14-76	FM	E. M. JIONGO
11139	EXTENSION OF SURFACE DATA BY USE OF METEOROLOGICAL SATELLITES	09-28-76	BE	L. E. GIDDINGS
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11146	SELF-CONTAINED HEAT REJECTION MODULE AND ORBITER HEAT REJECTION SYSTEM WIDE CAVITY THERMAL-VACUUM TEST CHAMBER A TEST REPORT	02-23-76	EL	B. F. MCGHEE
11149	THE NONPROPULSIVE CONSUMABLES WEIGHT BUDGETS FOR ORBITER CONFIGURATION CONTROL (IN-78-FM-025)	04-15-76	FM	H. E. KOLKHORST
11150	QUATERNIONS FOR CONTROL OF THE SPACE SHUTTLE	04-28-76	EJ	W. H. PETERS J. W. SUNKEL
11151	SIMPLIFIED REACTION CONTROL SYSTEM LOGIC FOR ATTITUDE CONTROL OF THE SPACE SHUTTLE VEHICLE DURING OMS BURNS	04-28-76	EJ	J. H. SUDDATH
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11154	AN AD HOC MAP EVALUATION PROCEDURE	04-28-76	TF	E. P. KAN
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11187	THE FINAL LEVEL B FORMULATION REQUIREMENTS FOR THE ORBITER - TDRS AOS/LOS (IN-76-FM-028)	05-21-76	FM	A. A. MENCHACA S. A. VICKERY
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11172	SPS ASCENT I POST-SIMULATION REPORT	04-21-76	CG	C. O. LEWIS
11173	OFT/MCC LEVEL B AND C REQUIREMENTS FOR THE FREE FLIGHT PREDICTOR	05-13-76	FM	O. R. BERGMAN J. J. MCMAHON W. R. WOLLENHAUPT
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11184	ZERO-G EFFECTS ON CREWMAN HEIGHT	05-28-76	EW	J. W. BROWN
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11186	AN ELEMENT FORMULATION FOR PERTURBED MOTION ABOUT THE CENTER-OF-MASS (IN-76-FM-029)	05-21-76	FM	J. D. DONALDSON D. J. JEZEWSKI
11188	HI-SHEAR NSI DELTA QUALIFICATION TEST	06-09-76	EP	L. J. PRICE
11189	SPACE SHUTTLE CONTROLLED OPERATIONAL NOMENCLATURE, PRELIMINARY (SEE JSC 11764)	03-31-78	CG	M. L. BROOME
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11194	COMMUNICATIONS AND TRACKING SUBSYSTEM APPROACH AND LANDING TEST PHASE/TASK 501 RF PATH CONSOLE ACCEPTANCE TEST REPORT	05-28-76	EE	G. D. DOLAND
11195	DATA PROCESSING PLAN FOR THERMAL VACUUM TESTING OF THE SHUTTLE ORBITER BASE HEATING MODEL 65-0	05-28-76	FD	H. D. HEFNER
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11205	SHUTTLE ORBITER CABIN PRESSURE REGULATOR PACKAGE TEST, PHASE 2	08-31-76	EC	S. LAFUSE J. TROMBLEY
11206	DETAILED TEST PROCEDURE, SHUTTLE ORBITER CABIN PRESSURE REGULATOR PACKAGE, PHASE 2	08-31-76	EC	F. BURGETT J. TROMBLEY L. WHITBY
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11208	SHUTTLE ALT CARRY-ON OXYGEN SYSTEM CERTIFICATION TEST	09-02-76	EC	P. FERGUSON J. TROMBLEY
11209	SHUTTLE EMU AUTOMATIC LCG CONTROLLER FEASIBILITY TEST PROCEDURE	10-14-76	EC	F. BURGETT J. TROMBLEY L. WHITBY
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11238	ESCAPE SUIT VENTILATION SYSTEM (ESVS) RELIABILITY PROGRAM PLAN	11-04-77	EC	F. GREENE E. PHILLIPS
11239	ESVS FAILURE MODE AND EFFECT ANALYSIS AND CRITICAL ITEM LIST	03-13-78	EC	F. GREENE E. PHILLIPS
11242	ESVS SAFETY PLAN	01-06-78	EC	E. PHILLIPS
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11261	EMU SPACE SUIT ASSEMBLY DESIGN VERIFICATION PROGRAM WITH DETAILED TEST PROCEDURES	12-08-77	EC	
11262	ORBITER INTEGRATED ACTIVE THERMAL CONTROL SUBSYSTEM TEST REQUIREMENTS	04-18-78	EC	J. JAAX B. D. SEVIER B. WELCH
11267	ESCAPE SUIT VENTILATION SYSTEM MAINTENANCE AND REPAIR MANUAL WITH ILLUSTRATED PARTS LIST	08-08-78	EC	R. HAWK
11268	ESCAPE SUIT VENTILATION SYSTEM FIRST ARTICLE CONFIGURATION INSPECTION-SUMMARY REPORT	07-14-78	EC	B. BETKE
11269	SPACE SHUTTLE ESCAPE SUIT VENTILATION SYSTEM CERTIFICATION TEST REPORT	07-28-78	EC	B. BETKE
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11272	EMU DEVELOPMENT AND CERTIFICATION TEST PLAN AND PROCEDURE	08-29-84	EC	G. GUGLIETTA
11273	PORTABLE OXYGEN SYSTEM DEVELOPMENT AND CERTIFICATION TEST PLAN (REV. C)	09-21-81	EC	
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11284	EMU PRE-DELIVERY ACCEPTANCE TEST PROCEDURES FOR THE EXTRAVEHICULAR COMMUNICATIONS UMBILICAL	09-25-78	EC	
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11305	PRSD VACUUM-JACKETED TRANSFER LINE LIFE CYCLE TEST	05-27-76	EP	S. E. JONES
11306	POST-BLACKOUT REDESIGNATION CAPABILITY (IN-76-FM-034)	05-21-76	FM	J. HANSEN
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11314	ON-ORBIT FCS EVALUATION SIMULATION/PRESIMU- LATION, PART 2	05-28-76	EG	R. H. ST. JOHN
11315	ALT FLIGHT SOFTWARE INITIALIZATION LOAD, RELEASE 3	05-17-76	FR	J. W. JURGENSEN
11316	LARGE AREA CROP INVENTORY EXPERIMENT-PHASE 2, AUTOMATIC STATUS AND TRACKING SYSTEM BASELINE REQUIREMENTS	05-28-76	TF	J. G. MC COY
11317	SHUTTLE ENTRY NAVIGATION ERRORS AT 130,000- FOOT ALTITUDE FOR DUAL IMUS WITH UNISOLATED FAILURES (IN-76-FM-037)	06-02-76	FM	W. J. MASON C. R. MCCLAIN J. R. THIBODEAU
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11322	DATA REDUCTION COMPLEX ANALOG-TO-DIGITAL DATA PROCESSING REQUIREMENTS FOR ON-SITE TEST FACILITIES	05-28-76	FD	J. D. DEBBRECHT
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11336	RESULTS OF LACIE INTEGRATED DROUGHT ANALYSIS, SOUTHERN U.S. GREAT PLAINS DROUGHT 1975-76	07-28-76	SF	D. R. THOMPSON
11339	LACIE INFORMATION EVALUATION IMPLEMENTATION/ OPERATIONS PLAN	09-28-76	SF	
11340	LACIE-YIELD ESTIMATION SUBSYSTEM REQUIREMENTS, VOLUME 3 (REV. A)	09-28-76	SF	
11343	LACIE-WHEAT YIELD MODELS FOR THE U.S.S.R (REV. A)	06-28-77	SF	
11344	REAL-TIME COMPUTER COMPLEX REQUIREMENTS FOR SHUTTLE ORBITAL FLIGHT TEST MISSIONS-THE MISSION PLAN TABLE AND DETAILED MANEUVERS (IN-76-FM-040)	05-27-76	FM	E. M. FRIDGE R. W. MEINKE
11346	INTEGRATION TEST PLAN-EXEC 2, VERSION 129A	06-25-76	FD	B. J. SMITH
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11364	FEASIBILITY STUDY OF LARGE-SCALE SOLAR CONCENTRATORS FOR SATELLITE POWER SYSTEMS	06-28-76	EL	J. T. VISENTINE
11365	TRANSFER OF INTERACTIVE REPORT EXTRACTED DATA REQUIREMENTS SPECIFICATION (REV. A)	07-28-76		K. L. PATTERSON
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11367	DETAILED REQUIREMENTS DOCUMENT FOR SHUTTLE DOCUMENTATION AIDS	08-28-76	FD	M. A. JUNEK
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11369	INTEGRATION TEST REPORT SECURE 18	06-08-76		C. L. SMITH
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11373	DATA BUS TEST UNIT OPERATOR'S MANUAL	11-05-76	EG	J. L. MITCHELL
11374	JOINT PROJECT PLAN FOR THE REMOTE MANIPULATOR SYSTEM		EK	
11375	DEVELOPMENT OF A SHUTTLE FUEL CELL SIMULATOR	06-28-76	EG	E. G. HENLEY
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11377	DETECTION AND MAPPING PACKAGE, VOLUME 2A SOFTWARE USER MANUAL, PART 1	06-28-76	TF	M. L. BROWN E. H. SCHLOSSER
11378	DETECTION AND MAPPING PACKAGE, VOLUME 2B-SOFTWARE USER MANUAL, PART 2	06-28-76	TF	E. H. SCHLOSSER
11379	DETECTION AND MAPPING PACKAGE, VOLUME 3-CONTROL NETWORK ESTABLISHMENT	06-28-76	TF	E. H. SCHLOSSER
11380	APPLICATION OF DASIBI ULTRAVIOLET OZONE MONITOR TO STRATOSPHERIC MEASUREMENTS	06-28-76	TC	J. G. CARNES
11381	BEECH OXYGEN THERMAL TEST ARTICLE THERMAL EVALUATION	07-16-76	EP	S. E. JONES W. C. LUKSA
11383	ALT DATA FORMAT CONTROL BOOK CALIBRATION DATA BASE (3 VOLUMES) (REV. D)	06-28-77	FS	
11384	OFT TELEMETRY DATA FORMAT CONTROL BOOK, VOLUME 1	09-28-76	ES	
11386	SHUTTLE ORBITER BASE HEATING RATE PROGRAM	7-76	FD	J. D. MCBRYDE
11388	SHUTTLE COMMAND DATA FORMAT CONTROL BOOK	11-28-77	FS	
11389	MCDS DISPLAY ELECTRONICS UNIT CROSS ASSEMBLER	06-28-76	EG	J. W. AKERS

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11391	SPACE SHUTTLE EVA OPPORTUNITIES	01-28-76		
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11401	IMPLEMENTATION SPECIFICATION FOR LARGE AREA CROP INVENTORY EXPERIMENT, PHASE 3 AUTOMATIC STATUS TRACKING SYSTEM (REV. A)	03-28-77	TF	C. C. DEVALCOURT
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13033	OPERATIONAL READINESS TEST PLAN FOR V308H	08-28-77	FD	O. J. HOLGUIN
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13068	SPACE SHUTTLE ORBITER EVA/ATC TRANSCEIVER SPECIFICATION	08-28-81	EE	
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15038	APU OPERATION AND RESTART TEST	07-18-79	EP	D. G. STAFFORD
15040	NSI LOT MCH INVESTIGATION	07-02-79	EP	D. B. TRAHAN
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18019	EVALUATION OF THE LACIE TRANSITION YEAR CROP CALENDAR MODEL	07-28-79	SF	R. E. CHEFFIN S. K. WOOLLEY
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18038	SPACELAB-3 JSC LIFE SCIENCES PAYLOAD REQUIREMENTS DOCUMENT BASELINE (REV. C)	05-28-81	SE	
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18052	SOS/NSI TUMBLE VALVE VIBRATION TEST	08-21-79	EP	D. B. TRAHAN
18053	TEXAS NATURAL RESOURCES INVENTORY AND MONITORING SYSTEM APPLICATIONS SYSTEM VERIFICATION AND TRANSFER-REMOTE SENSING	12-28-79	SF	M. V. MARTIN A. S. STORY
18054	THE NASA BUS COMMUNICATIONS LISTENING DEVICE SOFTWARE	07-28-79	FD	M. A. ALLEN
18055	STS-1 CYCLE 3 ORBITER ENTRY AEROELASTICITY DATA	08-28-79	EH	D. L. SWEITZER
18058	SUBROUTINES DELTAQ, DELTAG, AND DELTAR FOR THE SINDA PROGRAM	07-28-79	EA	J. F. KEENER
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18060	FORWARD ATTACHED BOLT STRAIN MEASUREMENT	09-20-79	EP	S. E. JONES
18061	USER'S GUIDE FOR THE CYBER IMPLEMENTATION OF THE SHUTTLE AUTOMATED MASS PROPERTIES SYSTEM	12-28-81	FD	J. CANTRELL L. HILEMAN
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18072	SOLID ROCKET BOOSTER AND EXTERNAL TANK IMPACT PREDICTION PROCESSORS (IN-79-FM-029)	08-28-79	FM	R. H. SEALE
18073	FIELD RESONANCE PROPULSION CONCEPT	08-28-81	CG	
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18077	SHUTTLE ENGINEERING SIMULATOR DESCRIPTION DOCUMENT	08-28-79	EF	R. H. ST. JOHN
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18080	ANALYSIS OF NUMERICAL STABILITY AND AMPLIFICATION MATRICES, 4TH ORDER RUNGE-KUTTA METHODS (IN-79-FM-032)	09-28-79	FM	E. W. KENNEDY
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16087	SPACE SHUTTLE DATA FOR NUCLEAR SAFETY ANALYSIS (REV. 2)	11-28-83	FM	
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16700	SMOOTHING FILTERS (IN-80-FM-032)	07-28-80	FM	W. M. LEAR
16701	STS-1 LOW-SPEED GROUND NAVIGATION CONSOLE PROCEDURES (IN-80-FM-035) (REV. 2)	04-28-81	FM	J. WEAVER
16711	ORBITER/SHUTTLE CARRIER AIRCRAFT SEPARATION - WIND TUNNEL, SIMULATION, AND FLIGHT TEST OVERVIEW AND RESULTS	05-28-80	FM	D. E. DENISON K. C. ELCHERT D. J. HOMAN
16714	APU VALVE SEAT THERMAL SHOCK TEST	12-10-81	EP	
16719	FLIGHT PROGRAM REQUIREMENTS DOCUMENT- KSC PAYLOADS, VOLUME 2 (MULTIPLE ANNEXES)	04-23-86	FS	
16720	STS-1 ENVIRONMENTAL CONTROL AND LIFE SUPPORT SYSTEM CONSUMABLES AND THERMAL ANALYSIS (IN-80-FM-033)	08-28-80	FM	G. STEINES
16723	RAW-TO-PROCESSED ODRC PROGRAM	06-28-80	ES	S. J. DAMICO
16725	NATIONAL SPACE TRANSPORTATION SYSTEM FLIGHT TESTS AND SUPPLEMENTARY OBJECTIVES DOCUMENT (REV. H)	10-16-87	LA	
16726	DATA TECHNIQUES LABORATORY OPERATOR'S GUIDE	10-28-80	SG	
16727	ACRONYMS AND ABBREVIATIONS (REV. D)	12-28-82	SM	
16728	LEVEL B/C SOFTWARE GROUND NAVIGATION PLAN - DELTA-T PROCESSOR (IN-80-FM-034)	08-28-80	FM	R. K. OSBURN J. K. WEAVER
16730	ENVIRONMENTAL CONTROL AND LIFE SUPPORT SYSTEM ANALYSIS OF STS-1 9 PSIA EXTRA- VEHICULAR ACTIVITY CONFIGURATION (IN-80-FM-036)	07-28-80	FM	G. J. STEINES
16731	COMPUTER PROGRAM DOCUMENTATION PARAMETRIC PLOTTING FROM SINDA TEMPERATURE HISTORY DATA USER GUIDE	05-11-82	ES	S. J. DAMICO
16734	OPS TRAJECTORY RECONFIGURATION INTERFACE CONTROL DOCUMENT (REV. 4)	09-28-84	FS	

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<u>16741</u>	NSTS BLANK BOOKS (MULTIPLE ANNEXES)		TB	
<u>16742</u>	NSTS BLANK BOOKS (MULTIPLE ANNEXES)		TB	
16744	SPACELAB OPERATIONAL DATA BOOK	10-28-83	CH	
16745	SELECTION OF U.S S.R. FOREIGN SIMILARITY REGIONS	01-28-82	SH	J. M. DISLER
16746	MASS MEMORY UNIT SOFTWARE INTEGRATION DOCUMENT 017 SOFTWARE, APPENDIX D-STS 82-A SPACE SHUTTLE PROGRAM ORBITER VEHICLE 103	10-30-85	FR	
16747	OPERATION PLAN FOR THE DATA 100/LARS TERMINAL SYSTEM	07-28-80	SK	A. J. BOWEN
16748	STS-2 SAIL NONAVIONICS SUBSYSTEMS MATH MODEL REQUIREMENTS (REV. A)	11-28-80	EF	
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16750	AS-BUILT DESIGN SPECIFICATION FOR A PIA SOFTWARE SYSTEM MODIFIED DISPLAY SUBSYSTEM	11-28-81	SH	C. L. HORTON A. S. STORY
16751	STS-1 FLIGHT DATA FILE EVA OPERATIONS BOOK	02-09-81	CG	R. H. NUTE
16752	EVALUATION OF THE PROCEDURE FOR SEPARATING BARLEY FROM OTHER SPRING SMALL GRAINS	08-28-80	SF	E. R. MAGNESS
16753	CYBER AND STCS WORKLOAD PROJECTION TOOLS	07-28-80		
16758	ORBIT IMU ALINEMENT - ERROR ANALYSIS (IN-80-FM-039)	08-28-80	FM	R. W. CORSON
16759	INVESTIGATION OF THE APPLICATION OF REMOTE SENSING TECHNOLOGY TO ENVIRONMENTAL MONITORING	08-28-80	SH	M. L. RADER
16760	FLIGHT FEASIBILITY ASSESSMENT OF SHUTTLE/LANDSAT-D MISSIONS (IN-80-FM-038)	08-28-80	FM	R. E. KINCADE M. B. WORTHAM
16761	A COMPREHENSIVE STUDY AND EVALUATION OF SINGLE STDN STATION ORBIT SOLUTIONS (IN-80-FM-037)	09-28-80	FM	J. C. CURRIE R. K. OSBURN
16762	SOLAR ACTIVITY PREDICTION OF SUNSPOT NUMBERS (VERIFICATION), PREDICTED GEOMAGNETIC INDICES AP AND KP (IN-80-FM-041)	08-28-80	FM	S. R. NEWMAN
<u>16763</u>	SOFTWARE PRODUCTION FACILITY OPERATIONS PLANNING DOCUMENT (REV. A) (MULTIPLE VOLUMES)	04-22-87	FD	
<u>16764</u>	MASS MEMORY UNIT SOFTWARE INTEGRATION DOCUMENT (VARIOUS FLIGHTS)	09-16-86	FR	S. HOUSE
16765	JSC SPECIAL PURPOSE MOBILE EQUIPMENT PROGRAM HANDBOOK	01-28-82	JA	
16767	CREW ACTIVITY PLANNING SYSTEM II USER'S GUIDE (REV. D)	07-28-86	CG	K. L. SCOTT
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16770	FLOPPY DISK UTILITY USER'S GUIDE (REV. A)	08-28-81	EM	J. W. AKERS

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16785	MEDICAL OPERATIONS READINESS REVIEW PLAN (REV. A)	12-09-80	SD	
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16791	NAVIGATION ABOUT THE EARTH USING STAR OCCULTATION MEASUREMENTS (IN-80-FM-045)	11-28-80	FM	W. M. LEAR
16792	USER'S GUIDE FOR THE TABULAR DISPLAY REPORT GENERATOR PROGRAM (IN-80-FM-046)	08-29-80	FM	D. M. BRADLEY
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16794	USER'S GUIDE FOR THE FLIGHT DESIGN SYSTEM	08-28-80	FM	M. E. ATWOOD W. G. FRISIUS H. R. RAMSEY
16795	PROGRAM DEVELOPMENT AND MAINTENANCE AIDS CATALOG (IN-80-FM-048) (SUPERCEDES MSC 07864, MSC 07939)	12-28-80	FM	D. M. BRADLEY
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16798	ORBITAL DATA REDUCTION CENTER TAPE BUILD FROM SINDA PROGRAM USER'S GUIDE	08-28-80	ES	S. J. DAMICO
16800	LITHIUM-SULFUR DIOXIDE BATTERY TEST	12-16-80	EP	J. I. BARRS
16807	AS-BUILT DESIGN SPECIFICATION FOR THE PROPORTION ESTIMATE SOFTWARE SUBSYSTEM	11-28-81	SH	S. O'BRIEN
16809	MISSION ANALYSIS DATA FOR INCLINED GEOSYNCHRONOUS ORBITS (IN-81-FM-018)	03-28-81	FM	O. F. GRAF K. C. WANG
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16813	NORMAL CROP CALENDERS, VOLUME 1-ASSEMBLY AND APPLICATION OF HISTORICAL CROP DATA TO A STANDARD PRODUCT	08-28-80	SG	W. L. WEST
16814	NORMAL CROP CALENDERS, VOLUME 2-THE SPRING WHEAT STATES OF MINNESOTA, MONTANA, NORTH DAKOTA, AND SOUTH DAKOTA	08-28-80	SG	W. L. WEST
16815	A SUMMARY OF OBSERVATIONS CONCERNING THE SPECTRAL-TEMPORAL-ANCILLARY DATA AVAILABLE FOR ESTIMATING GROUND COVER CROP PROPORTIONS	02-28-81	SH	C. R. PERRY
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16821	CONVERSION OF SPU-UNIVERSAL DISK FILE TO JSC-UNIVERSAL TAPE STORAGE-CONVRT USER'S GUIDE	09-28-80	SH	W. E. RYLAND
16822	EXPERIMENT PLAN-ROW AND ROUGHNESS EFFECTS ON DEPENDENCE OF ACTIVE MICROWAVE MEASUREMENTS OF SOIL MOISTURE	10-28-80	SH	L. M. ARYA J. F. PARIS
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16825	SPECTRAL REFLECTANCE OF SOILS - A LITERATURE REVIEW	09-21-80	SH	S. E. DAVIDSON
16826	CLASSIFICATION OF WHEAT - BADWHAR PROFILE SIMILARITY TECHNIQUE	10-28-80	SH	W. W. AUSTIN
16827	A DESCRIPTION OF THE REFORMATTED SPRING SMALL GRAINS LABELING PROCEDURE USED IN TEST 2, PART 2. OF THE U.S./CANADA WHEAT AND BARLEY EXPLORATORY EXPERIMENT	02-28-81	SH	E. R. MAGNESS W. F. PALMER
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16829	A SEMIAUTOMATIC TECHNIQUE FOR MULTITEMPORAL CLASSIFICATION OF A GIVEN CROP OF A LANDSAT SCENE	10-28-80	SC	G. D. BADHWAR
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16833	EARLY WARNING AND CROP CONDITION ASSESSMENT - PATCH IMAGE PROCESSOR USER'S MANUAL	09-28-81	SG	M. J. NIEVES
16834	SUPPORTING RESEARCH IMPLEMENTATION PLAN		SC	
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16837	ANALYSIS OF U.S. SPRING WHEAT AND SPRING BARLEY PERIODIC GROUND TRUTH	01-28-81	SH	T. HODGES
16838	INVESTIGATION OF BOUNDARY PIXEL HANDLING PROCEDURES	12-28-80	SH	T. B. DENNIS
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16842	SOIL MOISTURE-EARLY WARNING AND CROP CONDITION ASSESSMENT INTERFACE CONTROL DOCUMENT	11-28-80	SK	
16843	YIELD MODEL DEVELOPMENT-EARLY WARNING AND CROP CONDITION ASSESSMENT INTERFACE CONTROL DOCUMENT	07-28-80	SH	
16846	DESCRIPTIVE AND SENSITIVITY ANALYSIS OF WATBAL1, A DYNAMIC SOIL WATER MODEL	03-28-81	SH	W. W. HILDRETH
16847	IDENTIFICATION OF U.S.S.R. INDICATOR REGIONS	09-28-80	SH	H. BREIGH J. DISLER
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16850	EVALUATION OF SPRING WHEAT AND BARLEY CROP CALENDAR MODELS FOR THE 1979 CROP YEAR	02-28-81	SH	J. G. CARNES C. V. NAZARE
16853	MAXIMUM LIKELIHOOD CLUSTERING WITH DEPENDENT FEATURE TREES	01-28-81	SH	C. B. CHITTINENI
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16855 (dup. #)	VESTIBULAR SELECTION CRITERIA DEVELOPMENT-QUARTERLY PROGRESS REPORT	06-01-81	SD	J. R. LACKNER
16857	YIELD MODEL DEVELOPMENT IMPLEMENTATION PLAN FOR FISCAL YEARS 1981 AND 1982	03-28-81	SH	R. A. AMBROZIAK
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16866	UNIVERSAL BUS INTERFACE CONTROLLER USER'S GUIDE	08-28-80	EH	D. D. SINER
16867	JSC RELIABILITY SUPPORT PLAN FOR THE OEX ORBITER EXPERIMENT PROGRAM (REV. A)	04-28-81	NB	
16869	CARGO SYSTEMS MANUAL - OFT PALLET, STS-2 (REV. A)	03-06-81	CH	
16870	POTENTIAL PROBLEMS RELATIVE TO TDRS/IUS TILT TABLE ELEVATION WITH FAILED VRCS (IN-80-FM-050)	09-28-80	FM	
16871	LIFE SCIENCES FLIGHT EXPERIMENTS LOGISTICS PROCEDURES-ACQUISITION AND CONTROL OF GOVERNMENT PROPERTY AT JSC	08-28-80	SE	B. LUCAS
16873	FLIGHT PROCEDURES HANDBOOK FOR ASCENT/ORBIT/ENTRY POCKET CHECKLIST AND CUE CARDS	11-02-87	DH	D.M. ROBINSON
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16881	SPACELAB-1 LIFE SCIENCES FACILITY OPERATIONAL READINESS REPORT FOR BUILDING 36, JSC	08-28-80	SE	D. GENTRY
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16890	AN EXACT PENALTY METHOD FOR SOLVING OPTIMAL CONTROL PROBLEMS (IN-80-FM-052)	11-28-80	FM	B. R. FEIRING
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16912	STS-1 ASCENT CHECKLIST	03-04-81	CH	
16913	PROGRAM DESCRIPTION AND USER'S GUIDE FOR THE HP-9825A EULER ANGLE CONVERSION PROGRAM (IN-80-FM-056)	09-28-80	FM	S. M. KINDALL
16914	MMU VALVE SEAL SWELL TEST	01-05-81	EP	K. I. POAST
16916	STS-1 OPERATIONAL FLIGHT PROFILE, VOLUME 5 - DESCENT, CYCLE 3.2.2 (IN-81-FM-017)	03-28-81	FM	A. BAKER R. MOORE
16917	SATELLITE THEORY IN A COORDINATE SYSTEM ROTATING WITH THE EARTH (IN-80-FM-057)	01-28-81	FM	V. R. BOND
16918	ERSYS-SPP ACCESS METHOD SUBSYSTEM DESIGN SPECIFICATION	09-28-80	SH	R. C. WEISE
16919	SHUTTLE FUEL CELL H ₂ PURGE LINE FREEZE-UP TEST	11-18-80	EP	D. B. TRAHAN
16920	POCC LEVEL B AND C REQUIREMENTS FOR SHUTTLE OPS, VOLUME 1 - SHUTTLE DATA PROCESSING COMPLEX SOFTWARE	03-16-83	FS	
16923	COMPUTER PROGRAM DEVELOPMENT AND MAINTENANCE TECHNIQUES (SUPERSEDES JSC 08517) (IN-80-FM-055)	11-28-80	FM	D. M. BRALEY

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16929	REVISED RCS/DAP LIMIT CYCLE MODEL FOR THE HP-9825A HIGH-FIDELITY RELATIVE MOTION PROCESSOR (IN-80-FM-061)	10-28-80	FM	S. S. WILSON
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16936	REDUNDANT COMPUTER SET LOGIC FLOW DIAGRAMS (SEQUENCING), TAPE VERSION 18 (REV. A)	06-28-81	FM	J. R. HARRIS
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16940	MCC SECURE TAPE LABELING STANDARDS INTERFACE CONTROL DOCUMENT	03-15-83	FS	
16944	USER'S GUIDE FOR THE HP-9825A HIGH-FIDELITY RELATIVE MOTION PROGRAM (IN-80-FM-062)	10-28-80	FM	S. M. KINDALL
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16956	SONORA EXPLORATORY STUDY FOR THE DETECTION OF WHEAT-LEAF RUST	11-28-80	SA	R. A. WRIGHT
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16970	INTRODUCTION TO LEVEL A FLIGHT DESIGN (IN-81-FM-019) (REV. 2)	08-28-84	FM	E. L. DAVIS
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16987	PDRS OPERATIONS CHECKLIST (VARIOUS FLIGHTS)	12-20-85	DH	D. PALLESEN
16988	OV-102 FLIGHT DATA FILE PDRS SYSTEM DATA AND MALFUNCTION PROCEDURES (REV. A)	05-06-81	CF	
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16991	ORBITER ACOUSTIC FATIGUE TESTING, SPECIMEN ID PB A07-01 FWD PAYLOAD BAY DOORS, VOLUME 1 - SUMMARY	01-28-81	ES	J. D. JOHNSON
16992	CLASSIFIED DATA PREPARATION AREA - LEVEL A REQUIREMENTS, BASELINE STATUS	12-15-83	DH	
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16995	COMPUTER PROGRAM DOCUMENTATION - A USER'S GUIDE FOR THE PROGRAM TABLE/H20PF	11-28-80	ES	
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17008	MISSION VERIFICATION TEST OVERALL OPERATIONS PLAN	12-15-80	LM	L. W. KEYSER
17010	MCC LEVEL C FORMULATION REQUIREMENTS - HIGH-SPEED ENTRY PROCESSOR WITH OPTIONAL TAEM TARGETING (IN-81-FM-006) (REV. 1)	04-28-82	FM	P. M. RENNERT
17011	THE OPTIMAL, TWO-IMPULSE TRANSFER BETWEEN KEPLERIAN ORBITS (IN 81-FM-011)	03-28-81	FM	D. J. JEZEWSKI
17012	ORBIT ATTITUDE PROCESSOR PERFORMANCE ANALYSIS (IN-80-FM-067)	12-28-80	FM	C. R. MCCLAIN
17014	INTERFACE CONTROL DOCUMENT FOR METEOROLOGICAL INPUTS TO THE DEVELOPMENT OF SHUTTLE ASCENT ANCILLARY DATA (IN-80-FM-069)	01-28-81	FM	
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17631	PROGRAM CONFIGURATION CONTROL PLAN FOR GROUND NAVIGATION SECTION (IN-81-FM-049)	11-28-81	FM	J. C. CURRIE J. B. WILLIAMSON
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17664	ADVANCED LIFE SUPPORT TEST PLAN FOR SPE WATER ELECTROLYSIS MODULE AND COMBINATION WATER PUMP/PHASF SEPARATION LIFE TEST	03-01-82	EC	R. B. MARTIN
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17980	SHUTTLE STUDENT INTEGRATION PROJECT EXPERIMENT INTEGRATION PLAN - THE FORMATION OF CRYSTALS IN A WEIGHTLESS ENVIRONMENT	07-27-82	EW	M. ISSEL
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17982	SHUTTLE STUDENT INVOLVEMENT PROJECT-EXPERIMENT INTEGRATION PLAN - THE GROWTH OF PORIFERA IN ZERO GRAVITY	08-11-82	EN	
17983	SHUTTLE STUDENT INVOLVEMENT PROJECT EXPERIMENT INTEGRATION PLAN - BIOFEEDBACK MEDIATED BEHAVIORAL TRAINING IN PHYSIOLOGIC SELF-REGULATION APPLICATION IN NEAR ZERO-G ENVIRONMENT	10-21-82	EN	
17985	SHUTTLE STUDENT INVOLVEMENT PROJECT EXPERIMENT INTEGRATION PLAN-THE EFFECT OF WEIGHTLESSNESS ON ARTHRITIS	01-11-83	EN	
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18150	STS-3 RANGE SAFETY ANALYSIS, CYCLE 2 (IN-82-FM-016)	02-28-82	FM	R. M. BLACKSTOCK R. H. SEALE
18161	ANGULAR SEPARATION OF THE 100 STS NAVIGATION STARS (IN-82-FM-014)	03-28-82	FM	R. D. DUNCAN

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18166	SAIL DYNAMIC SIMULATION MATH MODEL REQUIREMENTS, VOLUME 2-ENVIRONMENT	02-28-82	EF	W. P. MCDONALD
18167	SAIL DYNAMIC SIMULATION MATH MODEL REQUIREMENTS, VOLUME 3-DYNAMICS	02-28-82	EF	W. P. MCDONALD
18168	SAIL DYNAMIC SIMULATION MATH MODEL REQUIREMENTS, VOLUME 4-RMS/PAYLOADS	02-28-82	EF	W. P. MCDONALD
18170	ANTARCTIC METEORITE DESCRIPTIONS, 1980	02-28-82	SN	C. M. SCHWARZ R. SCORE
18173	STS-6 OPERATIONAL FLIGHT PROFILE, VOLUME 1-GROUND RULES AND CONSTRAINTS, CYCLE 1, LEVEL A	04-28-82	FM	
18174	STS-2 LOW-SPEED GROUND NAVIGATION CONSOLE MISSION REPORT (IN-82-FM-018)	03-28-82	FM	J. S. FRENCH J. K. WEAVER
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18184	SPACELAB-4 PAYLOAD SAFETY AND MATERIALS IMPLEMENTATION PLAN (REV. A)	06-01-83	SM	B. DICKEY
18186	SPACELAB LIFE SCIENCES 1 GROUND INTEGRATION REQUIREMENTS DOCUMENT	02-28-85	EX	J. B. WALTERS
18188	STS-3 MISSION COMMUNICATIONS SYSTEMS RF COVERAGE AND PERFORMANCE PREDICTIONS VOL. 1-ASCENT VOL. 2-DESCENT	03-12-82 03-15-82	EE	J. A. PORTER J. S. GIBSON
18197	STAR-CF-OPPORTUNITY TRACKING PERFORMANCE STUDY (IN-87-FM-021)	03-28-82	FM	T. J. BLUCKER R. W. CORSON
18198	STS-4 PAYLOAD SYSTEMS DATA AND MALFUNCTION PROCEDURES, BASIC	04-28-82	CH	J. E. HOOVER
18199	AN INTERIM REPORT ON A STUDY OF DISK USAGE IN THE SHUTTLE MISSION SIMULATOR COMPUTER COMPLEX	03-28-82	FM	A. HAJARE
18200	QUALITY ASSURANCE DIVISION-INSPECTION, TEST, AND PRECISION MEASURING EQUIPMENT REVIEW AND MAINTENANCE PLAN	03-28-82	ND	D. K. NETZBAND
18201	SATELLITE SERVICES WORKSHOP, JUNE 22-24, 1982, (2 VOLUMES)	06-22-82	EA	G. RYSAVY

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18202	PAYLOAD TEST SYSTEM OPERATIONS MANUAL	04-28-82	EE	D. J. TAMARO
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18210	A NONCANONICAL ANALYTIC SOLUTION TO THE J2 PERTURBED TWO-BODY PROBLEM (IN-82-FM-023)	06-28-82	FM	D. K. JEZEWSKI
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18214	AN ANALYTIC SOLUTION FOR THE J2 PERTURBED EQUATORIAL ORBIT (IN-82-FM-024)	04-28-82	FM	D. J. JEZEWSKI
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18222	PROCEDURE FOR SPRAY APPLICATION OF THIN (1-7 MILS) RTV SILICONE CONFORMAL COATINGS FOR ELECTRONIC ASSEMBLIES	07-28-82	EH	S. GAUDIANO
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18243	AGRISTARS EARLY WARNING AND CROP CONDITION ASSESSMENT-ADVANCED VERY HIGH RESOLUTION RADIOMETER DATA EVALUATION FOR USE IN MONITORING VEGETATION, VOLUME 1, CHANNELS 1 AND 2	05-28-82	SH	T. I. GRAY N. C. HORVATH D. G. MCCRARY
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18250	INVENTORY TECHNOLOGY DEVELOPMENT	12-13-82	SH	J. H. KNESEK
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18254	INFLUENCE OF ENVIRONMENTAL FACTORS DURING SEED DEVELOPMENT AND AFTER FULL-RIPENESS ON PRE- HARVEST SPROUTING IN WHEAT - EARLY WARNING AND CROP CONDITION ASSESSMENT	06-28-82	SK	A. J. CHIA W. A. GOLDSTEIN M. G. HAGEMANN H. MURRAY
18255	ESTIMATING TOTAL STANDING HERBACEOUS BIOMASS PRODUCTION WITH LANDSAT MSS DIGITAL DATA-EARLY WARNING AND CROP CONDITION ASSESSMENT	06-28-82	SK	J. H. EVERITT A. J. RICHARDSON C. L. WIEGAND
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18258	WINTER WHEAT STAND DENSITY DETERMINATION AND YIELD ESTIMATES FROM HANDHELD AND AIRBORNE SCANNERS - EARLY WARNING AND CROP CONDITION ASSESSMENT	06-28-82	SK	J. K. AASE J. P. MILLARD F. H. SIDDOWNAY
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18264	DEVELOPMENT OF THEMATIC MAPPER VEGETATIVE INDICES FOR ASSESSING BIOMASS IN CORN, SOYBEANS, AND WHEAT	08-28-82	SG	B. L. BLAD B. R. GARDNER K. E. HENDERSON D. R. THOMPSON
18265	AGRISTARS EARLY WARNING AND CROP CONDITION ASSESSMENT-COMPUTER PROGRAM DOCUMENTATION FOR THE PASTURE/RANGE CONDITION ASSESSMENT PROCESSOR	07-28-82	SH	K. S. MCINTYRE T. G. MILLER
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18275	USER'S GUIDE FOR THE GENERALIZED PLOT PROCESSOR (IN-82-FM-026)	06-28-82	FM	D. M. BRALEY
18276	STS-4 PHOTO/TV CHECKLIST	06-01-82	CG	T. BOGART F. RAMOS
18277	SOPC POST-MISSION DATA PROCESSING ELEMENT SYSTEM CONFIGURATION DEFINITION MANAGE- MENT PLAN	04-19-82	FD	A. W. HAMBLETON
18279	SHUTTLE ENGINEERING SIMULATOR ON-ORBIT VALIDATION PLAN (REV. 1)	08-28-84	EH	E. M. BAINS W. T. MILLER G. H. SPECHT J. A. TERMINI
18280	EQUATIONS FOR AUTONOMOUS ORBIT CALCULATIONS (IN-82-FM-028)	06-28-82	FM	V. R. BOND L. B. MEADERS V. SZEBEHELY
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18283	OV-102 ASCENT CHECKLIST (REV. B) (VARIOUS FLIGHTS)	08-12-83	CH	P. E. COLLECTOR
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18285	STS-4 DEORBIT PREP, SECTIONS 3-12	05-28-82	CH	J. P. PENN
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18289	STS-4 MISSION SAFETY ASSESSMENT VOL. 1 - ACCEPTED RISK SUMMARY VOL. 1A - PREVIOUSLY BASELINED ACCEPTED RISKS VOL. 2 - PRELAUNCH AND ASCENT VOL. 3 - ON-ORBIT VOL. 4 - DESCENT AND LANDING VOL. 5 - PAYLOADS	06-18-82	NS	
18292	SPACE SHUTTLE ORBITER REMOTE MANIPULATOR SYSTEM REVIEW PLAN FOR OPERATIONAL READINESS REVIEW	07-28-82	MP	
18293	TRAJECTORY PROCESSOR LEVEL HANDBOOK-TRAINING AND CERTIFICATION COURSE	05-26-83	FS	
18294	STS-4 ENTRY CHECKLIST	05-19-82	CH	
18296	TRANSIENT RESPONSE OF A TELEDYNE TABER MODEL 2204 PRESSURE TRANSDUCER	05-24-82	EP	L. I. WIND
18298	ABORT MANEUVER EVALUATOR, OPS MCC LEVEL C REQUIREMENTS (SUPERCEDES JSC 12701) (IN-82-FM-030)	07-28-82	FM	G. L. NORBRATEN R. H. SANDERS
18299	SHUTTLE STS-4 MISSION COMMUNICATIONS SYSTEMS RF COVERAGE AND PERFORMANCE PREDICTIONS VOL. 1 - ASCENT VOL. 2 - DESCENT	05-30-82 06-15-82	EE	J. S. GIBSON J. A. PORTER
18300	MODULAR AUXILIARY DATA SYSTEM TIMELINE FOR OV-099, STS-6	05-28-82	SD	J. W. HEGEMIER

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18303	PERKIN-ELMER 8/32 OPERATING SYSTEMS REVIEW	05-28-82	FD	L. A. DIAS A. R. HAJARE
18306	USER'S GUIDE FOR THE SCHEDULE TRACKING AND REPORTING SYSTEM (REV. A)	04-30-83		K. BURNS
18308	STS OPERATIONAL FLIGHT RULES ANNEXES (VARIOUS FLIGHTS)	04-28-87	DA	
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18311	STS-5 JOINT OPERATIONS INTERFACE PROCEDURES	11-01-82	CH	M. W. HAWES R. M. KELSO
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18312 (dup. #)	LI/BCX AA CELL (P/N 3B39) QUALIFICATION TESTING	05-19-82	EP	M. G. DOWNEY
18313	RCS FLANGE FASTENER TEST	06-28-82	EP	S. TSIAO
18314	STS-8 CONCEPTUAL FLIGHT PROFILE (IN-82-FM-032)	08-28-82	FM	R. LEE
18315	STS-4 PRE-FLIGHT ASCENT PERFORMANCE EVALUATION FOR A JUNE LAUNCH	06-28-82	ET	
18316	ADDITION OF A NAMELIST CAPABILITY TO THE VAX 11/780 USER'S GUIDE	05-19-82	EM	S. J. DAMICO
18317	SHUTTLE DYNAMICS SIMULATOR PLANNING FORECAST	02-28-85	EH	W. P. WEBSTER
18318	SHUTTLE AVIONICS INTEGRATION LABORATORY (SAIL) ENTRY AERODYNAMICS SITE ACCEPTANCE TEST PLAN	05-28-82	EM	
18319	WCCU LITHIUM BATTERY QUALIFICATION TEST	08-20-82	EP	N. M. FAGET
18321	AVIONICS SYSTEMS DIVISION-INTERNAL NOTE	05-28-82	EH	T. D. BARRY
18322	JSC/REMOTE POC JOINT OPERATIONS INTERFACE PROCEDURES (VARIOUS FLIGHTS)	07-27-84	DH	J. P. TRIMBLE
18324	HIGH ENERGY DENSITY LITHIUM BATTERY TEST	12-09-82	EP	D. B. TRAHAN
18325	THE APPLICABILITY OF LYAPUNOV CHARACTERISTIC NUMBERS IN THE STUDY OF THE STABILITY OF SATELLITE ORBITS (IN-82-FM-033)	08-28-82	FM	R. BROUCKE
18326	CONFIGURATION MANAGEMENT PLAN FOR THE LARGE FORMAT CAMERA PAYLOAD INTEGRATION ENGINEERING EFFORT	10-28-82	EN	L. K. REDMOND
18327	FRACTURE CONTROL GUIDELINES FOR STS PAYLOADS	06-10-82	ES	S. V. GLORIOSO
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18330	RMS AUTOMATIC TRAJECTORY POST-FLIGHT SOFTWARE VERIFICATION (IN-82-FM-034) (REV. 1)	09-28-82	FM	B. BOURGEOIS F. R. SABIONSKI
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18334	STS-4 LOW-SPEED GROUND NAVIGATION CONTROL PROCEDURES (IN-82-FM-035)	06-28-82	FM	J. WEAVER
18336	NASA STANDARD INITIATORS BRIDGEWIRE RESISTANCE INVESTIGATION	09-16-82	EP	
18337	MODULAR AUXILIARY DATA SYSTEM DESCRIPTION MANUAL FOR ORBITER VEHICLES 099 AND 102	08-28-82	EE	J. W. HEGEMIER
18338	INPUT REQUIREMENTS FOR OMPROX (REV. 5) (IN-82-FM-037)	08-28-84	FM	G. C. HUA W. H. MOORE
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18342	MICROPROGRAMMED BUS INTERFACE CONTROLLER MULTIBUS DRIVERS USER'S GUIDE - AVIONICS TEST BED DISTRIBUTED PROCESSING SYSTEM	06-28-82	EM	J. W. AKERS
18343	STS-5 PAYLOAD SYSTEMS DATA AND MALFUNCTION PROCEDURES	09-17-82	CH	T. D. KEETON
18344	ASCENT DESIGN SYSTEM USER'S GUIDE (IN-82-FM-041) (3 VOLUMES)	08-28-82	FM	I. L. JOHNSON S. TRAN D. C. CHLOUBER
18345	STS-3 ORBIT IMU ALINEMENT POST-FLIGHT ANALYSIS (IN-82-FM-042)	06-28-82	FM	R. W. COSON
18346	MISSION CONTROL CENTER STANDARD EQUIPMENT CONFIGURATION GUIDE (REV. A)	06-28-82	FS	
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18350	STS-7 CARGO SYSTEMS MANUAL - SPAS-01	12-21-82	DH	E. R. RUBIO
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18353	SOFTWARE PRODUCTION FACILITY OPERATIONAL READINESS TESTING	06-28-82	FR	
18354	GROUND INTEGRATION REQUIREMENTS DOCUMENT FOR THE LARGE FORMAT CAMERA VOL. 1 - LFC (REV. B) VOL. 2 - INTEGRATION ENGINEERING EFFORT	03-15-84 09-30-84	EN	W. H. JENNINGS
18355	STS-3 LOW-SPEED GROUND NAVIGATION CONSOLE MISSION REPORT (IN-82-FM-043)	06-28-82	FM	
18356	TESDATA HARDWARE MONITOR PROCEDURES AND REPORTS IN SUPPORT OF THE SOFTWARE PRODUCTION FACILITY (REV. 1)	01-28-84	FM	L. W. STAMMERJOHN
18358	SPACE SHUTTLE PROGRAM OPERATIONAL VIDEO CASSETTE RECORDER PROGRAM REQUIREMENTS DOCUMENT	11-28-82	EE	

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18365	QUALITY ASSURANCE PLAN FOR THE PROPULSION AND POWER DIVISION (REV. B)	12-28-87	EP	
18366	OPERATIONAL INSTRUMENTATION SPACE SHUTTLE ORBITER THERMAL CONTROL SYSTEM TEMPERATURE MEASUREMENT LOCATIONS	06-28-82	ES	J. A. SMITH
18368	SHUTTLE OPERATIONS LEVEL C NAVIGATION REQUIREMENTS ON-ORBIT (SUPERCEDES JSC 14713) (IN-82-FM-044)	09-28-82	FM	
18369	STS-5 CARGO SYSTEMS MANUAL - SBS/ANIK	10-15-82	CH	S. G. VAN HORN
18372	STS-3 EPS POST-FLIGHT ANALYSIS (IN-82-FM-045)	10-28-82	FM	C. F. WELLS
18373	AC MOTOR VALVE ANOMALY INVESTIGATION TEST	09-15-82	CG	D. L. WELLS
18375	HIGH-SPEED GROUND NAVIGATION CONSOLE PROCEDURES, STS OPERATIONS (IN-82-FM-046)	11-28-82	FM	
18376	CONVERGENCE SENSITIVITY OF KEPLER'S EQUATION (IN-82-FM-047)	07-28-82	FM	V. R. BOND H. C. FLINN
18377	SNEAK ANALYSIS APPLICATIONS GUIDELINE FOR NEW PROCUREMENTS	07-12-82	NS	
18378	LITHIUM BCX AA CELL DIODE PROTECTION TEST	02-14-84	EP	D. R. SAUCIER
18379	COMPUTER PROGRAM DOCUMENTATION-USER INFORMATION FOR THE MPAD POST-FLIGHT TRAJECTORY, TAPE PRINT PROGRAM	07-08-82	EM	J. C. HICKMAN
18381	SHUTTLE TRAINING AIRCRAFT PARALLEL PROCESSOR FAMILIARIZATION MANUAL	11-01-82	CC	
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<u>18401</u>	PIP/INTELSAT VI (MULTIPLE ANNEXES)	09-30-86		
18402	PIP/UNISAT	12-20-83		
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18404	PIP/UARS	01-11-88		
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<u>18406</u>	PIP/SFMD	07-13-83	LA	
<u>18407</u>	PIP/IRT (MULTIPLE ANNEXES)	12-15-83	LA	
<u>18408</u> (dup. #)	PIP/IOCM	07-06-83	LA	
<u>18408</u> (dup. #)	STS 61-B OPERATIONAL FLIGHT RULES ANNEX, FINAL	10-30-85	DA	C. GRUBY
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<u>18426</u>	PIP/IRIS-LAGEOS II	04-28-87	TB	R. IBBA R. H. KOHRS G. W. OUSLEY
18427	PIP/RADARSAT	12-15-85		
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18615	LITHIUM AA CELL P/N 3B39 QUALIFICATION TEST	12-10-82	EP	D. B. TRAHAN
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18634	SHUTTLE ORBITER INERTIAL MEASUREMENT UNIT S/N 0013, CALIBRATION REPORT NO. 1	10-22-82	EH	R. L. BURNS
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18637	FLIGHT DATA FILE CUE CARDS, PROCEDURAL DECAL BOOK, AND FLIGHT SUPPLEMENTS (SEE JSC 16513) (VARIOUS FLIGHTS)	04-06-87	DH	M. R. VANDENBROOK
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18642	ORBITER EXPERIMENTS - AUTONOMOUS SUPPORTING INSTRUMENTATION SYSTEM SAFETY ANALYSIS REPORT	10-28-82	EN	R. B. SCHUCK
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18644	KSUR12 PERFORMANCE USING STANDARDIZED NUMERICAL INTEGRATION SUBROUTINES (IN-82-FM-062)	02-28-83	FM	M. B. DWORTZAN
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18647	ORBITER/SHUTTLE PALLET SATELLITES-SPAS-01 TRANSPONDER VERIFICATION TEST REPORT	10-28-82	EE	B. K. VERMILLION
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18807	STS-7 PAYLOAD SYSTEMS DATA AND MALFUNCTION PROCEDURES	04-20-83	CH	
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18865	STS-5 LOW-SPEED GROUND NAVIGATION CONSOLE MISSION REPORT (IN-83-FM-015)	03-28-83	FM	J. K. WEAVER
18866	JSC SECURE CREW ACTIVITY PLANNING MULTIPURPOSE SUPPORT ROOM OPERATIONS AND PROCEDURES DOCUMENT	05-28-83	DH	C. R. MCCLAIN M. S. ROLWES
18868	SPACELAB 1 REFERENCE DATA	08-03-83	DF	M. W. KIMBALL
18869	SPACELAB 1 DPS/CDMS DICTIONARY (REV. A)	08-10-83	DF	M. W. KIMBALL
18870	A REVIEW OF SHUTTLE PAYLOAD BAY LOW FREQUENCY STRUCTURAL RESPONSE FOR STS-1 THROUGH STS-5	04-28-83	ES	D. A. HAMILTON
18871	SHUTTLE ORBITER INERTIAL MEASUREMENT UNIT S/N 0019, CALIBRATION REPORT NO. 3	03-30-83	EH	D. B. HARMON
18872	SHUTTLE ORBITER INERTIAL MEASUREMENT UNIT S/N 0013, CALIBRATION REPORT NO. 2	03-30-83	EH	R. L. BURNS
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18878	AGRISTARS EARLY WARNING AND CROP CONDITION ASSESSMENT PROGRAM-SIMULATION OF METEOROLOGICAL SATELLITE (METSAT)DATA USING LANDSAT DATA	05-28-83	SC	W. W. AUSTIN W. E. RYLAND
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18880	AGRISTARS EARLY WARNING AND CROP CONDITION ASSESSMENT PROGRAM-SATELLITE, AGRONOMIC, AND METEOROLOGICAL (SAM) DATA BASE DEVELOPMENT SOFTWARE DOCUMENTATION	05-28-83	SC	K. S. MCINTYRE D. J. VALENZIANO
18884	ARGENTINA SPECTRAL-AGRONOMIC MULTITEMPORAL DATA SET	06-28-83	SC	G. D. BADHWAR D. HELMER
18885	AGRISTARS SUPPORTING RESEARCH-SEPARABILITY OF AGRICULTURAL CROPS WITH AIRBORNE SCATTEROMETRY	06-28-83	SC	N. C. MEHTA
18886	DATA MANAGEMENT PROCEDURES FOR TIEPOINT REGISTRATION, PRE- AND POST- PROCESSING, AND ICD116	08-28-83	SC	B. S. NOWAKOWSKI
18887	AGRISTARS-DOCUMENTS TRACKING LIST, 7TH EDITION	06-28-83	SC	J. L. HAWKINS
18889	AGRISTARS EARLY WARNING AND CROP CONDITION ASSESSMENT PROGRAM-SYNOPTIC AGRONOMIC MODEL EVALUATION - A PROPOSED PLAN	06-28-83	SC	R. F. HANSEN
18891	ADABAS CATALOG/DIRECTORY AND QUERY SYSTEM USER PACKET	10-28-83	SC	T. B. DENNIS A. S. STORY
18893	MIXTURES OF EXPONENTIALS - DETERMINING THE NUMBER OF CLASSES AND ESTIMATING THE PARAMETERS	11-28-83	SC	A. M. MCANDREW
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18898	AGRISTARS PROGRAM DOCUMENTATION PROGRAM PLAN, 1984	12-28-83	SC	
18902	RECON SEARCH ON MATERIALS PROCESSING IN SPACE	03-28-84	SC	G. CHAPMAN
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18907	BRAZIL SOYBEAN YIELD COVARIANCE MODEL-YIELD MODEL DEVELOPMENT	01-16-84	SC	S. L. CALLIS C. SAKAMOTO
18908	ARGENTINA CORN YIELD MODEL-YIELD MODEL DEVELOPMENT	01-16-84	SC	S. L. CALLIS C. SAKAMOTO
18909	ARGENTINA WHEAT YIELD MODEL-YIELD MODEL DEVELOPMENT	01-16-84	SC	S. L. CALLIS C. SAKAMOTO
18911	EARTH SCIENCES EXPERIMENT REVIEW-ASSESSING KEY VEGETATION CHARACTERISTICS FROM REMOTE SENSING	02-13-84	SC	
18913	CATALOG OF SPACE SHUTTLE EARTH OBSERVATION HAND-HELD PHOTOGRAPHY - STS-7 MISSION	05-28-84	SC	B. S. NOWAKOWSKI
18918	AN INVESTIGATION OF NOAA/AVHRR DATA IN THE CLASSIFICATION AND MAPPING OF LAND COVER	12-28-84	SC	C. A. CLARK G. P. LIVINGSTON M. H. TRENCHARD
18919	COVER EXPERIMENT REVIEW-CHARACTERIZATION OF VEGETATION WITH REMOTE SENSING	04-23-84	SC	
18923	SAIL VDS MATH MODELS-OMS ACTUATORS	06-28-82	EF	D. H. LAI
18926	SAIL VDS MATH MODELS-OMS ACTUATORS	06-28-82	EF	D. H. LAI
18927	SPACELAB MODULE MALFUNCTION PROCEDURES (VARIOUS FLIGHTS)	10-18-85	DH	J. BRITTON D. G. HERBEK P. J. CERNA
18928	COSMIC DUST CATALOG, PARTICLES FROM COLLECTION FLAG W7027	04-28-83	SN	U. S. CLANTON
18929	FLIGHT APU/WSB CHECKOUT TEST	07-27-83	EP	E. REESE D. STAFFORD
18931	SPACE SHUTTLE PROGRAM INTERFACE CONTROL DOCUMENT-STANDARD FOR MULTIMISSION SHUTTLE MISSION SIMULATOR TRAINING FACILITY SUPPORT	04-15-83	FE	
18932	MULTICONTRACTOR MANAGEMENT PLAN FOR FLIGHT SIMULATION DIVISION SHUTTLE MISSION SIMULATOR MULTIMISSION PROGRAM	04-20-83	FE	
18935	DETAILED REQUIREMENTS DOCUMENT FOR THE MASTER PAYLOADS DATA BASE SYSTEM	07-28-83	FR	
18936	HEATING RATES, WING LEADING EDGE, AND FUSELAGE CHINE LINE OBTAINED ON A 1/80 SCALE MODEL OF THE SHUTTLE ORBITER TESTED IN THE MSC 10 MW ARC- HEATED TUNNEL FACILITY		ES	
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18942	ANALYSIS OF EFFECTS OF THERMAL CONDUCTIVITY, EMISSIVITY, AND SURFACE CATALYTICITY ON SURFACE TEMPERATURE OF MATERIAL SAMPLES	02-09-71	ES	
18943	ORBITER LH ₂ RECIRCULATION PUMP DELTA QUALIFICATION TEST REPORT	08-28-82	EP	G. R. GRUSH N. C. LUKSA
18945	PROGRAM TO DETERMINE TDRS ORBITS	06-28-83	FM	W. M. LEAR
18946	PROGRAM REQUIREMENTS DOCUMENT FOR SPACE SHUTTLE ORBITER GFE WIRELESS CREW COMMUNICATIONS SYSTEM	11-22-83	EE	P. E. SHACK
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18949	ARC JET SCREEN TESTS OF SURFACE INSULATION TPS CANDIDATE MATERIALS-QUICK LOOK REPORT	01-06-71	ES	D. J. TILLIAN
18950	STATUS OF TPS MATERIALS SCREENING PROGRAM BEING PERFORMED BY BATTELLE MEMORIAL INSTITUTE	01-28-71	ES	F. W. STEPHENS
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18952	PERFORMANCE OF TACAN ON STS-5	05-28-83	EE	M. E. AUSTIN C. L. HUGHES
18954	STS-8 PAYLOAD SYSTEMS DATA AND MALFUNCTION PROCEDURES	06-30-83	SH	D. K. FORD
18955	THERMAL EVALUATION TESTS OF LI-1500 SURFACE INSULATION MATERIALS IN THE MSC 10 MW ATMOSPHERE-REENTRY MATERIALS AND STRUCTURES EVALUATION FACILITY	04-05-71	ES	G. E. GRIFFITH
18956	THERMAL EVALUATION TESTS ON OXIDATION INHIBITED CARBON-CARBON THERMAL PROTECTION MATERIALS	05-07-71	ES	J. D. MILHOAN
18957	IN-DEPTH TEMPERATURE RESPONSE OF LI-1500 SURFACE INSULATION MATERIAL	05-07-71	ES	L. P. MURRAY
18958	OMS/RCS SYSTEMS BRIEF HANDBOOK, BASIC	10-01-84	DF	J. H. JOHNSON
18959	THERMAL EVALUATION TESTS OF HCF-MULLITE SURFACE INSULATION MATERIAL IN THE MSC 10 MW ARC-TUNNEL FACILITY	06-02-71	ES	L. P. MURRAY
18960	STATUS OF THE ENVIRONMENTAL TEST PROGRAM ASSOCIATED WITH THE SURFACE INSULATION THERMAL PROTECTION SYSTEM WING AND FUSELAGE PANELS	07-29-71	ES	J. E. GRIMAUD
18961	ANTENNA PLUME SHIELD TEST FOR EREP #S-194 L-BAND RADIOMETER	08-18-71	EE	R. S. SAWYER

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18962	S-194 ANTENNA PLUME SHIELD TEST	09-10-71	ES	R. E. VALE
18963	THERMAL EVALUATION OF CANDIDATE SURFACE INSULATION THERMAL PROTECTION MATERIALS FOR APPLICATION ON THE SPACE SHUTTLE VEHICLE	11-05-71	ES	J. E. GRIMAUD
18964	THERMAL COMPARATIVE EVALUATION TESTS ON CANDIDATE SURFACE INSULATION	11-11-71	ES	J. E. GRIMAUD
18965	THERMAL PERFORMANCE OF SURFACE INSULATION TPS MATERIALS SATURATED WITH WATER	11-19-71	ES	J. E. GRIMAUD
18966	REQUEST FOR SUPPORT IN TESTING CANDIDATE MATERIALS FOR THE SPACE SHUTTLE	11-23-71	ES	J. A. SMITH
18967	REQUEST FOR SUPPORT IN EVALUATION OF VMSC CARBON/CARBON WING TIP LEADING EDGE TEST MODELS	12-27-71	ES	J. A. SMITH
18969	USER'S GUIDE/ICD FOR THE VCN REVISION MAINTENANCE SYSTEM		FR	H. EPPS
18970	LIFE CYCLING TESTS ON CANDIDATE SURFACE INSULATION	01-04-72	ES	J. E. GRIMAUD
18971	THERMAL EVALUATION TESTS ON THE GENERAL ELECTRIC REUSABLE EXTERNAL INSULATION THERMAL PROTECTION SYSTEM MATERIAL	02-02-72	ES	J. E. GRIMAUD
18972	THERMAL EVALUATION TESTS ON THE LOCKHEED MISSILES AND SPACE CORPORATION LI-1500 SURFACE INSULATION THERMAL PROTECTION SYSTEM MATERIAL	02-02-72	ES	
18973	SHUTTLE ENGINEERING SIMULATOR SIMULATION DEFINITION DOCUMENT, ON-ORBIT PHASE VOL. 1-ENVIRONMENT VOL. 2-FLIGHT SYSTEM	04-28-83	EF	
18974	THERMAL CYCLING TESTS ON MDAC MOD III-A REUSABLE SURFACE INSULATION THERMAL PROTECTION SYSTEM MATERIAL	04-10-72	ES	J. E. GRIMAUD
18975	THERMAL EVALUATION OF MCDONNELL-DOUGLAS COATED COLUMBIUM PANEL GAP MODEL	05-24-72	ES	J. E. GRIMAUD
18976	THERMAL EVALUATION TESTS OF CANDIDATE REUSABLE SURFACE INSULATION MATERIALS FOR APPLICATION ON THE SPACE SHUTTLE ORBITAL VEHICLE	07-31-72	ES	R. E. VALE
18977	LAMINATED MAHOGANY WING LEADING EDGE MODEL TESTS	10-05-72	ES	R. E. VALE
18978	EVALUATION OF ENTHALPY CALCULATIONS BASED ON A REVIEW OF THE CARBON WING LEADING EDGE JOINT TESTS	12-14-72	ES	C. D. SCOTT
18979	EVALUATING GRAVITY MODELS (IN-83-FM-019)	07-28-83	FM	W. M. LEAR
18980	VALIDATION/USER ACCEPTANCE TEST SCRIPTS FOR MASTER MEASUREMENTS DATA BASE SYSTEMS (MMDBS) PAYLOADS REHOST	07-28-83	FR	
18981 (dupl. #)	NASA PRELIMINARY APPROACH TO SPACE STATION RELIABILITY, MAINTAINABILITY	06-07-83	NB	J. H. LEVINE
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18985	ZN-AIR WCCU PROTOTYPE BATTERY TEST	08-03-83	EP	D. B. TRAHAN
18986	TESCOM 44-2200 SERIES PRESSURE REGULATOR TEST	08-03-83	EP	J. S. DOMINICK
18987	CARGO SYSTEMS MANUAL - LARGE FORMAT CAMERA (VARIOUS FLIGHTS)	08-17-84	DH	J. M. THOMAS
18989	SPACELAB-1 ACTIVATION/DEACTIVATION CHECKLIST	09-15-83	DH	S. S. GIBSON
18990	STS-7 TELEVISION PLAN	05-16-83	LA	F. M. PATTERSON
18991	EVALUATION OF CARBON WING LEADING EDGE JOINT TESTS IN MSC ARC TUNNEL FACILITY	12-12-72	ES	
18993	PERFORMANCE EVALUATION TESTING OF SHUTTLE ORBITER THERMAL PROTECTION SYSTEM MATERIALS IN AN ARC JET SIMULATED REENTRY ENVIRONMENT	04-29-83	ES	S. L. WHIGHAM
18994	STS-7 DESCENT MISSION PLAN (IN-83-FM-020)	05-28-83	FM	
18995	COMPARISON OF THE THERMAL PERFORMANCE AND THERMAL INSULATION EFFICIENCY OF MB-10, RTV-560, AND AVCOAT 5028-39 SILICONIZED ABLATOR		ES	J. E. GRIMAUD L. P. MURRAY
18996	ARC JET TESTS OF NOMEX FELT AND RAYBESTOS MANHATTAN RL1973 FOAM STRAIN ISOLATION PAD MATERIALS	11-18-73	ES	J. E. GRIMAUD
18997	HIGH TEMPERATURE REUSABLE SURFACE INSULATION PROCUREMENT, THERMAL-MECHANICAL TESTS	04-28-73	ES	F. E. GRIFFITH
18998	DEORBIT PREPARATION, FLIGHT SUPPLEMENT (VARIOUS FLIGHTS)	11-09-87	DH	C. J. MCKENNA
18999	STS-8 POST-INSERTION	06-30-83	DH	J. A. CARDENAS
19000	SPACE SHUTTLE PROJECTS MANAGEMENT MANUAL		MA	G. MALONE
19001	SHUTTLE UTILIZATION GUIDELINES FOR AWAKE/SLEEP REQUIREMENT USER'S GUIDE	03-28-83	EN	M. A. MCDANIEL
19002	SHUTTLE STS-7 MISSION COMMUNICATION SYSTEMS RF COVERAGE AND PERFORMANCE PREDICTIONS VOL. 1 - ASCENT VOL. 2 - DESCENT	05-28-83	EE	B. H. BATSON
19003	SPACELAB LIFE SCIENCES 1 INTEGRATED PAYLOAD VERIFICATION PLAN (REV. B)	11-28-84	EX	J. B. WALTERS
19004	ARC JET TESTS OF LOW TEMPERATURE REUSABLE SURFACE INSULATION MATERIALS IN SUPPORT OF ROCKWELL TPS SELECTION	05-28-73	ES	J. E. GRIMAUD J. D. MILHOAN
19005	ARC JET TEST OF LOW TEMPERATURE REUSABLE SURFACE INSULATION MATERIALS IN SUPPORT OF ROCKWELL TPS SELECTION	05-28-73	ES	J. E. GRIMAUD J. D. MILHOAN
19006	STS-12 CREW ACTIVITY PLAN	05-23-83	DH	C. B. LAU
19008	STS-11 PAYLOAD SYSTEMS DATA AND MALFUNCTION PROCEDURES, FINAL	12-13-83	DH	M. FAWCETT
19010	STS-7 OPERATIONAL FLIGHT PROFILE DATA PACKAGE-PROFILE SUMMARY (IN-83-FM-021)	05-28-83	FM	
19011	APU HIGH ALTITUDE HEATER TEST	08-15-83	EP	J. M. SERIALE-GRUSH
19013	STS-8 INSAT-1B/OPERATIONS SUPPORT TIMELINE	07-28-83	DH	J. L. CLEMENT

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19014	ASCENT SIMULATION BASELINE RESPONSE DOCUMENT	05-28-83	EF	
19016	CARGO SYSTEMS MANUAL-LDEF. ORBITAL OPERATIONS (VARIOUS FLIGHTS)	01-04-85	DH	M. ALBJERG
<u>19020</u>	STS-8 SPACE SHUTTLE PROGRAM MISSION REPORT	05-28-83	WC	
19021	STS-8 TELEVISION PLAN	08-15-83	LA	F. M. PATTERSON
19022	MODIFICATIONS TO LRBET3 (IN-83-FM-023)	07-28-83	FM	W. M. LEAR
19023	COMPUTER SECURITY PLAN FOR THE SPACECRAFT SOFTWARE DIVISION'S CYBER SYSTEM (REV.A)	11-28-84	FS	T. B. BURTTSCHELL
19024	STS-11 PAYLOAD OPERATIONS CHECKLIST, SPAS-01	12-15-83	DH	A. J. BURGE
19025	PERFORMANCE REQUIREMENTS ANALYSIS FOR PAYLOAD DELIVERY FROM A SPACE STATION, SUPPLEMENT- DETAILED STATE VECTOR DATA (IN-83-FM-024)	08-28-83	FM	J. A. BELL
19028	ZINC-AIR WCCU PROTOTYPE BATTERY TEST	08-10-83	EP	L. R. RHODES
19029	STS-14 CONCEPTUAL FLIGHT PROFILE (IN-83-FM-026)	07-28-83	FM	
19030	SATELLITE INTERFACE TEST AREA CONFIGURATION- AREA CONFIGURATION DOCUMENT (REV. A)	01-28-84	EE	D. J. TOMARO
19031	INITIAL CONDITION-RESGEN	05-28-83	EF	S. C. MENON
19033	STS 41-D SYNCOM DEPLOY CHECKLIST, SYNCOM IV-1, FINAL	04-17-84	DH	J. V. RIVERS
19034	STS 41-C CARGO SYSTEMS MANUAL - SOLAR MAXIMUM REPAIR MISSION, FINAL	03-20-84	DH	J. C. ROMIG
19036	SAFETY, RELIABILITY, AND QUALITY ASSURANCE- DOD MISSIONS SECURITY PLAN	06-28-83	NA	
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19038	VAFB STS OPERATIONS FLIGHT PROGRAM REQUIREMENTS DOCUMENT. VOLUME 1-PRD/PSP	12-28-85	DE	
19039	SAIL PRE-OP ENTRY AERODYNAMICS INTEGRATION PLAN	06-28-83	EF	Y. M. KUO
19040	STS-11 CARGO SYSTEMS MANUAL-ACES, ORBITAL OPERATIONS, BASIC	03-15-83	DH	A. J. BURGE
19041	BOOSTER SYSTEMS BRIEFS	10-01-84	DF	
19042	STS-8 LOW-SPEED GROUND NAVIGATION CONSOLE MISSION REPORT (IN-83-FM-028)	08-28-83	FM	J. C. WEAVER
19043	STS-8 OPERATIONAL FLIGHT PROFILE-RMS CONFIGURATION AND AUTOSEQUENCE DATA (IN-83-FM-029)	08-28-83	FM	C. GOTT D. HOMAN G. RAMSAY
19044	STS 41-D CREW ACTIVITY PLAN, BASIC (REV. A)	07-27-84	DH	C. B. LAU R. L. SCHAF
19045	REGOLITH BRECCIA WORKBOOK	08-28-83	SN	R. M. FRULAND
10046	LARGE FORMAT CAMERA/ORBITAL REFUELING SYSTEM-MISSION PECULIAR EQUIPMENT SUPPORT STRUCTURE, STATIC STRUCTURAL CERTIFICATION TEST PLAN	06-28-83	EN	D. T. NAIK C. M. NOLEN
19047	PASSIVELY COOLED APU THERMAL TEST	07-22-83	EP	D. G. AFFORD

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19049	STS-8 PHOTO/TV CHECKLIST	08-05-83	DH	J. M. BREMER D. R. BROOKS M. J. COHEN
19050	MICROWAVE SCANNING BEAM LANDING SYSTEM COVERAGE AND ACCURACY DURING THE ORBITER STS-8 LANDING	08-28-83	EE	M. E. AUSTIN P. V. HENRY M. C. ROBEL
19051	SHUTTLE ORBITER INERTIAL MEASUREMENT UNIT S/N 0013, CALIBRATION REPORT NO. 3	08-14-83	EH	D. B. HARMON
19052	SHUTTLE ORBITER INERTIAL MEASUREMENT UNIT S/N 0001, CALIBRATION REPORT NO. 1	08-14-83	EH	L. S. MUNSON
19053	HELICOID PRESSURE GAGE TEST	08-01-83	EP	J. D. DOMINICK
19054	WCCU BATTERY TEST	08-03-83	EP	M. LE
19055	SHUTTLE ORBITER INERTIAL MEASUREMENT UNIT S/N 0004, CALIBRATION REPORT NO. 1	08-14-83	EH	R. L. BURNS
19057	SHUTTLE MISSION SIMULATOR COMPLEX EQUIPMENT LIST (REV. E)	08-28-85	FE	
19059	ABORT TO ORBIT, ABORT ONCE AROUND, TRANS- ATLANTIC ABORT LANDING-GNC SYSTEMS TRAINING MANUAL	04-28-83	DG	A. PETRO
19061	MISSION TELEVISION PLAN-NATIONAL SPACE TRANS- PORTATION SYSTEM PROGRAM (VARICJS FLIGHTS)	09-18-84	LA	J. E. CARR W. L. GILL
19062	SPACE STATION STUDY-DATA ACQUISITION/TELEMETRY SUBSYSTEM		EE	C. M. HADDICK
19063	SHUTTLE MISSION SIMULATOR RECONFIGURATION SYSTEM TO SHUTTLE VEHICLE SIMULATOR INTER- FACE AGREEMENT	09-28-83	FE	
19064	STS-8 OPERATIONAL FLIGHT PROFILE DATA PACKAGE-SUMMARY, CYCLE 4.1 (IN-83-FM-032) (REV. 1)	08-28-83	FM	
19065	STS 51-A CARGO SYSTEMS MANUAL - ARC, PRELIMINARY	01-28-84	DH	C. W. BAY
19066	COMPUTER PROGRAM DOCUMENTATION FOR DISPLA PLOTING ROUTINES FOR THE SINFL0/EMU COMPUTER PROGRAM	05-28-83	EC	C. D. SIMPSON
19067	SMS LANDING AND ROLLOUT DYNAMICS VERIFICATION PACKAGE	07-28-83	FE	R. A. BURKE A. B. COHOE H. J. DAVILA Y. K. JANI
19069	HANDBOOK OF LUNAR SOILS PART 1 - APOLLO 11-15 PART 2 - APOLLO 16-17	07-28-83	SN	C. DARDANO G. HEIKEN R. V. MORRIS R. SCORE
19070	STS-8 OPERATIONAL FLIGHT PROFILE DESCENT MISSION PLAN (IN-83-FM-033)	07-28-83	FM	L. GONZALES
19073	USER'S GUIDE FOR VTPLY PLOT PACKAGE	03-28-83	FN	R. E. HILL
19074	SYSTEMS ENGINEERING SIMULATOR CONTROL STATION CONTROL SECTION USER MANUAL	12-28-84	EF	G. J. MOORMAN
19075	ORBITAL REFUELING SYSTEM HYDRAZINE/ GASEOUS NITROGEN LATCHING ISOLATION VALVE	06-03-83	EP	J. W. GRIFFIN
19078	SAIL VDS MATH MODELS-ANALOG-TO-DIGITAL CONVERSION	08-28-82	EF	R. E. GOODWIN

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19077	SAIL VDS MATH MODELS-DIGITAL-TO-ANALOG CONVERSION	06-28-82	EF	R. E. GOODWIN
1907A	CREW SPOTLIGHT NI-CD BATTERY SHORT CIRCUIT TEST	07-28-83	EP	R. DELVENTHAL
19081	INTRODUCTION TO SHUTTLE MISSION SIMULATION	08-12-83	DG	N. MARENA S. TSIAO
19082	ORBITAL BET PROGRAM-LRBET4 (LN-83-FM-034)	07-28-84	FM	W. M. LEAR
19084	ORBITER EXPERIMENTS INTEGRATED SYSTEMS TEST PLAN	08-28-83	EN	J. H. CANNIFF G. R. SMITH
19087	ARC JET TESTS OF LOW TEMPERATURE REUSABLE SURFACE INSULATION MATERIALS	09-14-73	ES	J. E. GRIMAUD J. D. MILHORN L. P. MURRAY
19088	ARC JET TESTS IN SUPPORT OF THE HRSI MATERIAL FIBER SELECTION	09-28-73	ES	J. E. GRIMAUD
19089	STS 41-B INTEGRATED RENDEZVOUS TARGET (REV. A)	01-13-84	DH	M. S. ROLWES
19090	STS-41-C CREW ACTIVITY PLAN	02-29-84	DH	C. R. KNARR
19091	SPACE SHUTTLE ENVIRONMENTAL EFFECTS - THE FIRST FIVE FLIGHTS, PROCEEDINGS OF THE NASA/ USAF SPACE SHUTTLE ENVIRONMENT CONFERENCE	07-28-83		A. POTTER
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19107	SHUTTLE ORBITER HYDRAZINE FILL VALVE ADAPTER CERTIFICATION TEST REPORT	12-20-83	EC	S. C. CLAYTON
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19112	THERMAL AND ENVIRONMENTAL CONTROL PANEL STUDY TASK REPORT, PART I - ENVIRONMENTAL CONTROL AND LIFE SUPPORT SYSTEM	01-05-84	EC	C. H. LIN
19113	THERMAL VACUUM TEST REQUIREMENTS FOR PROTOTYPE SPACE CONSTRUCTABLE HEAT PIPE RADIATOR	01-18-84	EC	P. MARSHALL L. G. WILLIS
19114	SHUTTLE/SPACELAB TUNNEL SIMULATOR/SPACELAB SIMULATOR AIR CIRCULATION TEST REPORT	01-12-84	EC	S. A. LAFUSE
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19131	SPACE STATION HEAT PIPE ADVANCED RADIATOR ELEMENT FLIGHT EXPERIMENT - HEAT PIPE RADIATOR SYSTEM, PART 1, EXPERIMENT CERTIFICATION TEST PLAN	01-09-85	EC	S. C. CLAYTON
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19145	LIGHTWEIGHT LONG LIFE HEAT EXCHANGER-NO CONDENSING MODE	09-18-84	EC	R. J. CUSICK
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19194	SPACE SHUTTLE LEASAT SALVAGE MISSION - INTERIM REQUIREMENTS DOCUMENT FOR CREW SYSTEMS DIVISION HARDWARE (REV. B)	06-06-85	EC	C. E. WHITSETT
19195	SPACE STATION HEAT PIPE ADVANCED RADIATOR ELEMENT/MODULAR RADIATOR PANEL THERMAL VACUUM TEST PLAN	06-10-85	EC	N. BENKO N. HAMMOND P. MARSHALL
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19255	SHUTTLE ORBITER INERTIAL MEASUREMENT UNIT S/N 0001, CALIBRATION REPORT NO. 2	08-24-83	EH	L. S. MUNSON
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19261	SPACELAB 1 JOINT OPERATIONS INTERFACE PROCEDURES, FINAL	09-01-83	DH	G. A. CRESS
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19263	STS 41-B PAM DEPLOY CHECKLIST - PALAPA/PAM-D AND WESTAR/PAM-D, FINAL	12-09-83	DH	B. A. SCHWARTZ
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19267	BRECCIA GUIDEBOOK NO. 5, 14305	09-28-83	SN	J. V. SHERVAIS L. A. TAYLOR
19268	INTELSAT VI/ORBITER AVIONICS INTERFACE VERIFICATION TEST PLAN	02-22-84	EH	T. D. MCCHESENEY
19269	STS 41-F RENDEZVOUS BOOK, SPARTAN, BASIC	04-23-84	DH	C. G. GROSS
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19298	CERTIFICATION APPROACH FOR SPACE STATION	09-28-83	NB	
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19301	SIMULATOR INSTRUMENT STUDY SUMMARY REPORT	08-28-83	EN	J. R. KRNAVEK M. T. MONK W. A. ROSENKRANZ E. A. STREET
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19304	STS-11 OPERATIONAL FLIGHT PROFILE-SUMMARY, CYCLE 2 (IN-83-FM-042)	10-28-83	FM	
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19324	SMS RECONFIGURATION REQUIREMENTS FOR FLIGHT 41-D (REV. A) (VARIOUS FLIGHTS)	04-28-84	FE	E. S. DALEY R. G. HEITMAN
19326	VIRTUAL DATA FEATURE OF SPERRY 1100 ASCII FORTRAN	10-28-83	FD	F. M. RICHARDS
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19342	RAMAPO FLOWMETER QUALIFICATION TEST	04-04-84	EP	J. S. DOMINICK
19344	LONG-LIFE ASSURANCE FOR SPACE STATION	10-28-83	NB	J. H. LEVINE
19345	CARGO SYSTEM MANUAL-OEX STS-ALL, BASIC (REV. A)	10-25-85	DF	J. M. WEBB
19347	GEOSYNCHRONOUS MISSION SUPPORT FROM A SPACE STATION - TWO-STAGE OTV FLIGHT PROFILES (IN-83-FM-047)	11-28-83	FM	G. L. CONDON A. D. LONG R. L. MCHENRY
19348	ELECTROMAGNETIC COMPATIBILITY INTEGRATION ASSESSMENT REPORT FOR THE LARGE FORMAT CAMERA PAYLOAD	10-28-83	EN	J. S. FOURNET
19350	STS FLIGHT SOFTWARE INITIALIZATION LOAD VOL. 1 - GENERAL REQUIREMENTS (REV. 1) VOL. 2 - MISSION 1 LOAD REQUIREMENTS (VARIOUS FLIGHTS) VOL. 3 - RECONFIGURATION DATA	12-28-84 11-28-85 07-28-84	FR MA FR	

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19369	PERFORMANCE ANALYSIS OF ASCII FORTRAN VERSIONS OF SVDS AND SVDS INPUT PROCESSOR, AQQINPT	11-28-83	FD	L. W. MORGAN
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19385	CINEMA 360 CAMERA PAYLOAD BAY SYSTEM FUNCTIONAL/ACCEPTANCE TEST PROCEDURE-MODE 2 JSC AND KSC	11-28-83	EN	J. A. PENROD
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19583	EVALUATION OF THE OVER-TEMPERATURE CAPABILITY OF THE IMPROVED TETRA-ETHYL- ORTHO-SILICA OVERLAY SYSTEM	10-13-76	ES	E. W. STEPHENS
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19618	THE APPLICATION OF LIE THEORY IN OPTIMIZATION (IN-84-FM-013)	04-28-84	FM	A. A. JACKSON D. J. JEZEWSKI
19619	SPACE STATION INTEGRATED THERMAL CONTROL SYSTEMS CONSIDERATIONS, VOLUME 1	03-28-84	ES	
19620	MAINTENANCE MANUAL FOR MULTISPEED REPRODUCE AMPLIFIER MODULE MODEL C70-1532 (REV. A)	01-28-86	EX	W. H. MUNRO
19621	THR REAL TIME WORK STATION IN THE SMS	03-28-84	FS	W. B. WOOD
19624	RUDDER/SPEED BRAKE UPPER THERMAL BARRIER ENTRY HEATING TEST - TEST AGENCY REPORT	03-04-81	ES	L. P. MURRAY
19625	EVALUATION OF SHUTTLE ORBITER WINDOW CONTAMINATION-TEST AGENCY REPORT	06-28-85	ES	M. A. MALLINI
19626	SHUTTLE ORBITER INERTIAL MEASUREMENT UNIT S/N 0001, CALIBRATION REPORT NO. 4	03-28-84	EH	L. S. MUNSON
19627	SHUTTLE ORBITER INERTIAL MEASUREMENT UNIT S/N 0011, CALIBRATION REPORT NO. 9	03-28-84	EH	D. B. HARMON
19628	SHUTTLE ORBITER INERTIAL MEASUREMENT UNIT S/N 0009, CALIBRATION REPORT NO. 2	03-28-84	EH	R. L. BURNS
19629	DETAILED DESIGN SPECIFICATIONS FOR THE REQUEST PROCESSING AND TRACKING SYSTEM USING THE IBM 3033	04-28-84	FR	G. HARDESTY A. SILVERTHORNE H. WANG A. G. WILEY
19630	THERMAL PERFORMANCE TESTS OF THE ELEVON/ ELEVON GAP AREA OF THE SHUTTLE ORBITER- TEST AGENCY REPORT	06-28-81	ES	M. A. MALLINI L. P. MURRAY D. J. TILLIAN
19631	THERMAL TESTS OF STEPPED TILES ON THE SHUTTLE ORBITER-TEST AGENCY REPORT	08-20-81	ES	M. A. MALLINI L. P. MURRAY D. SCOTT
19632	EVALUATION OF HIGH TEMPERATURE REUSABLE SURFACE INSULATION TILES WITH AN UNFIRED COATING-TEST AGENCY REPORT	11-10-81	ES	L. P. MURRAY D. J. TILLIAN
19634	SOLAR MAXIMUM MISSION SATELLITE RADAR CROSS-SECTION MODEL DEVELOPMENT	03-28-84	EE	P. L. HARTON M. T. HEIDEMAN D. F. O'CONNELL
19635	CARGO SYSTEMS MANUAL - TELSTAR (VARIOUS FLIGHTS)	08-15-84	DH	S. G. VAN HORN
19637	SHUTTLE ENGINEERING SIMULATOR ON- ORBIT/RMS SIMULATION BASELINE CLOSED LOOP RESPONSE (REV. A)	05-28-84	EF	B. H. STRASSNER
19639	STS 41-F PAYLOAD SYSTEMS DATA AND MALFUNCTION PROCEDURES, BASIC	04-16-84	DH	M. FAWCETT

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19640	AUTOMATION REQUIREMENTS STUDY FOR AIRCRAFT OPERATIONS MANAGEMENT AND MAINTENANCE AT NASA/JSC	05-28-84	FD	R. G. FULTON J. F. SPITZER
19641	STS-9 LOW SPEED GROUND NAVIGATION CONSOLE MISSION REPORT (IN-84-FM-014)	04-28-84	FM	J. K. WEAVER
<u>19642</u>	STS 41-C NATIONAL SPACE TRANSPORTATION SYSTEM PROGRAM MISSION REPORT	05-28-84	MD	
19643	SOFTWARE PRODUCTION FACILITY STRATEGIC PLAN FOR FY84-FY88		FD	
	VOL. 1 - 1983 SPF UTILIZATION AND USER SERVICE LEVELS	04-28-84		S. I. LINDE S. L. PRESTON J. L. STUDDARD
	VOL. 2 - LONG RANGE CAPACITY PLAN	05-28-84		D. L. DE AGRO S. I. LINDE S. L. PRESTON
19644	KEVLAR/MMU VESSEL RUPTURE TEST	05-08-84	EP	K. E. GLADDEN
<u>19645</u>	CARGO INTEGRATION REVIEW PLAN (REV. A)	10-25-85	LA	
19647	REVIEW OF THE GNS WORKLOAD AND THE SPERRY 1100/70 PROPOSAL	03-28-84	FE	S. V. ANDERSON P. M. BROWN
19648	JSC SECURE SYSTEM X FACILITY USER OPERATIONS PROCEDURES (IN-84-FM-015) (REV. A)	05-28-84	FM	J. D. ALEXANDER
19650	SOLAR SYSTEM DATA FOR ADVANCED MISSION PLANNING (IN-84-FM-016)	08-28-84	FM	V. R. BOND O. HILL W. M. LEAR
19651	STS 41-D OPERATIONAL FLIGHT PROFILE-DESCENT MISSION PLAN (IN-84-FM-017)	05-28-84	FM	L. GONZALES
19652	INSTRUCTIONS FOR THE PREPARATION OF STRESS ANALYSIS REPORTS (REV. A)	09-28-87	ES	H. C. KAVANAUGH
19653	STS 41-C TECHNICAL CREW DEBRIEFING	05-28-84	DG	
19654	FLIGHT ASSESSMENT PACKAGE-ORBITER AERODYNAMICS, FAD9	04-28-84	ET	J. M. UNDERWOOD
19655	STS 41-F PHOTO/TV CHECKLIST (BASIC)	04-20-84	DG	T. BOGART D. R. BROOKS M. ENGLE
19657	CARGO SYSTEMS MANUAL - SYNCOM IV, ALL FLIGHTS, FINAL	03-01-85	DH	B. L. SELLARI
19658	OAST STUDY OF NASA ARC JET FACILITIES-FINAL REPORT OF THE NASA ARC JET FACILITIES STUDY TEAM	04-28-82	ES	W. B. OLSTAD
19659	USER'S GUIDE FOR THE EXPANDED GRAPHICS SYSTEM	03-28-85	FR	M. M. SCHIMEK
19662	SPACE SHUTTLE PROGRAM VOICE COMMAND SYSTEM FOR THE ORBITER CLOSED-CIRCUIT TELEVISION SYSTEM EXPERIMENT REQUIREMENTS DOCUMENT	05-28-84	EE	W. T. JORDAN
19663	ANALYSIS AND TUNING OF PROGRAM COMPLEX OMPROX	05-28-84		W. N. COLQUITT
19664	STS 41-D FLIGHT CONTROL OPERATIONS HANDBOOK, FLIGHT ANNEX, FINAL	08-20-84	DH	J. W. O'NEILL
19665	STS-7 ORBIT STAR TRACKER - IMU ALIGNMENT ACCURACY (IN-84-FM-018)	05-28-84	FM	J. P. MCINTIRE

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19666	STS-7 STAR TRACKER ANOMALIES (IN-84-FM-019)	05-28-84	FM	J. P. MCINTIRE
19667	TORSIONAL BUCKLING OF UNSTIFFENED CIRCULAR CYLINDERS	04-28-84	ES	H. C. KAVANAUGH
19668	SMS/GNS FY84 COMPUTER SYSTEM PLAN REVIEW OF FY83	02-28-84	FE	S. V. ANDERSON
19681	CARGO SYSTEMS MANUAL - HUGHES 376, STS - ALL, FINAL (REV. A)	10-01-85	DH	S. G. VAN HORN
19682	STS 51-A OPERATIONS INTERFACE PROCEDURES - TELESAT, SYNCOM, HS-3 76 RETRIEVAL, FINAL	09-28-84	DH	J. APT
19684	FLIGHT PROCEDURES HANDBOOK - ORBIT OPERATIONS CHECKLIST, ALL VEHICLES, FINAL	06-15-84	DH	M. T. HURT
19685	ALKALINE MANGANESE DRY CELL VACUUM TEST	05-07-84	EP	K. E. GLADDEN
19688	FLIGHT DATA REQUEST TRACKING SYSTEM VOL. 1 - USER'S MANUAL	05-28-84	FR	J. S. GIBSON D. M. HARRISON G. QUINONES
	VOL. 2 - SYSTEM PROGRAMMER'S MANUAL	12-28-85	VF	M. W. ENER J. S. GIBSON
19689	NASA PRELIMINARY FAILURE MODES AND EFFECTS ANALYSIS AND CRITICAL ITEMS LIST APPROACH FOR SPACE STATION	05-28-84	NB	J. H. LEVINE
19690	BUILDING 35 AUTOMATIC DATA PROCESSING SECURITY PLAN	05-26-84	FF	A. J. THIBERVILLE
19691	STS 41-F POST-INSERTION, FINAL	06-12-84	DH	N. E. JACKSON
19692	CLOSED DOOR SIMPLIFIED ORBITER THERMAL SIMULATOR DESCRIPTION (REV. A)	08-28-85	ES	G. M. DEVAULT T. K. GUTHRIE D. J. RUSSELL
19694	MAST II TRANSITION PLAN	11-26-84	FR	
19695	PAYLOAD SIMULATOR UPGRADE - CONSIDERATIONS ON THE OPTIONS	05-28-84	FE	R. C. MITCHELL
19698	STS 41-F OPERATIONAL FLIGHT PROFILE - DESCENT MISSION PLAN (IN-84-FM-021)	06-28-84	FM	B. J. GARLAND
19699	SPACELAB 2 JOINT OPERATIONS INTERFACE PROCEDURES, FINAL	07-28-85	DH	T. H. BANTLE
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19702	SMS PMM - RADAR ALTIMETER SOFTWARE SUBSYSTEM CR	06-28-84	FE	
19703	SMS PMM - SOLID ROCKET BOOSTER SOFTWARE SUBSYSTEM PS	06-28-84	FE	
19704	SMS PMM - TACAN SOFTWARE SUBSYSTEM CT-VOLUME 1	08-28-85	FE	
19705	SMS PMM - TARGET VEHICLE ATTITUDE SOFTWARE SUBSYSTEM FC	07-28-84	FE	
19706	SMS PMM - TARGET VEHICLE AERODYNAMICS SOFTWARE SUBSYSTEM FV	07-28-84	FE	
19707	SMS PMM - AIR DATA SOFTWARE SUBSYSTEM SP	07-28-84	FE	

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19709	SMS PMM - MICROWAVE SCANNING BEAM LANDING SYSTEM SOFTWARE SUBSYSTEM CM	07-28-84	FE	
19710	SMS PMM - EPHEMERIS SOFTWARE SUBSYSTEM BE	07-28-84	FE	
19711	SMS PMM - ACCELEROMETER ASSEMBLY SOFTWARE SUBSYSTEM SA	07-28-84	FE	
19712	SMS PMM - ENGINE INTERFACE UNIT SOFTWARE SUBSYSTEM AE, VOLUME 1	09-28-85	FE	
19713	SMS PMM - S-BAND SOFTWARE SUBSYSTEM CS	07-28-84	FE	
19714	SMS PMM - SUPERVISORY SUPPORT SOFTWARE SUBSYSTEM WJ	08-28-84	FE	
19715	SMS PMM - TEXT AND GRAPHICS SOFTWARE SUBSYSTEM CZ	08-28-84	FE	
19716	SMS PMM - ULTRA HIGH FREQUENCY SOFTWARE SUBSYSTEM CU	08-27-84	FE	
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19718	SMS PMM - MASTER TIMING UNIT SOFTWARE SUBSYSTEM CV	08-28-84	FE	
19719	SMS PMM - MASTER EVENTS CONTROLLER SOFTWARE SUBSYSTEM AF	08-28-84	FE	
19720	SMS PMM - GROUND CONTACT DYNAMICS SOFTWARE SUBSYSTEM FG	08-28-84	FE	
19721	SMS PMM - GRAVITY HARMONIC SOFTWARE SUBSYSTEM BG	08-28-84	FE	
19722	SMS PMM - ORBITER ROTATIONAL EQUATIONS OF MOTION SOFTWARE SUBSYSTEM FR, VOLUME 1	09-28-85	FE	
19723	SMS PMM - HOST TO MCC INTERFACE SOFTWARE SUBSYSTEM XI, VOLUME 1	09-28-85	FE	
19724	SMS PMM - ORBITAL MANEUVERING MANUAL SOFTWARE SUBSYSTEM PO (2 VOLUMES)	09-28-85	FE	
19725	SMS PMM - FUEL CELLS SOFTWARE SUBSYSTEM DF, VOLUME 1	09-28-85	FE	
19726	SMS PMM - GN&C ERROR MODEL SOFTWARE SUBSYSTEM SE	09-28-84	FE	
19727	SMS PMM - STAR TRACKER SOFTWARE SUBSYSTEM ST	09-28-84	FE	
19728	SMS PMM - CAUTION AND WARNING SOFTWARE SUBSYSTEM CW, VOLUME 1	09-28-85	FE	
19729	SMS PMM - TREOM SOFTWARE SUBSYSTEM FE, VOLUME 1	09-28-85	FE	
19730	SMS PMM - REAL TIME EVALUATOR SOFTWARE SUBSYSTEM AH	09-28-84	FE	
19731	SMS PMM - KU-BAND COMMUNICATIONS/RENDEZVOUS RADAR SOFTWARE SUBSYSTEM CK	09-28-84	FE	
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19733	SMS PMM - POWER REACTANT STORAGE AND DISTRIBUTION SOFTWARE SUBSYSTEM DG	09-28-84	FE	
19734	SMS PMM - NSS NONINTEGRATED DRIVER SOFTWARE SUBSYSTEM XB	10-28-84	FE	
19735	SMS PMM - RMS ATTACHMENT INTERFACE SOFTWARE SUBSYSTEM HD	10-28-84	FE	
19736	SMS PMM - SEPARATION SOFTWARE SUBSYSTEM HS, VOLUME 1	09-28-85	FE	
19737	SMS PMM - REMOTE MANIPULATOR SYSTEM CLOSED-CIRCUIT TELEVISION/PAYLOAD BAY LIGHTS SOFTWARE SUBSYSTEM HC	10-28-84	FE	
19738	SMS PMM - PAYLOAD INTERROGATOR SOFTWARE SUBSYSTEM CA	10-28-84	FE	
19739	SMS PMM - FLIGHT SUPPORT SYSTEM SOFTWARE SUBSYSTEM WP	10-28-84	FE	
19740	SMS PMM - GROUND CONTROL INTERFACE LOGIC CONTROLLER SOFTWARE SUBSYSTEM CG	10-28-84	FE	
19741	SMS PMM - ORBITAL FLIGHT TEST PALLET SOFTWARE SUBSYSTEM WM	10-28-84	FE	
19742	SMS PMM - PAYLOAD BAY DOOR SOFTWARE SUBSYSTEM HB, VOLUME 1	09-28-85	FE	
19743	SMS PMM - SERVO AND END EFFECTOR SOFTWARE SUBSYSTEM HT, VOLUME 1	08-28-85	FE	
19744	SMS PMM - N ₂ /O ₂ SUPPLY SOFTWARE SUBSYSTEM EG	10-28-84	FE	
19745	SMS PMM - REMOTE MANIPULATOR SYSTEM THERMAL MODEL SOFTWARE SUBSYSTEM HF	10-28-84	FE	
19746	SMS PMM - PAYLOAD SIGNAL PROCESSOR SOFTWARE SUBSYSTEM CB	10-28-84	FE	
19747	SMS PMM - PAYLOAD RETENTION SYSTEM SOFTWARE SUBSYSTEM HY	10-28-84	FE	
19748	SMS PMM - BERTHED PAYLOAD DYNAMICS SOFTWARE SUBSYSTEM HM	10-28-84	FE	
19749	SMS PMM - COMMUNICATIONS INTERFACE UNIT SOFTWARE SUBSYSTEM CE	10-28-84	FE	
19750	SMS PMM - UMBILICAL DOORS SOFTWARE SUBSYSTEM HU, VOLUME 1	09-28-85	FE	
19751	SMS PMM - VISUAL EFFECTS GENERATOR SOFTWARE SUBSYSTEM VV	10-28-84	FE	
19752	SMS PMM - SHUTTLE INITIALIZATION SOFTWARE SUBSYSTEM FZ, VOLUME 1	08-28-85	FE	
19753	SMS PMM - RATE GYRO ASSEMBLY SOFTWARE SUBSYSTEM SR	11-28-84	FE	
19754	SMS PMM - ACQUISITION OF SIGNAL/LOSS OF SIGNAL SOFTWARE SUBSYSTEM XA	11-28-84	FE	
19755	SMS PMM - FUEL SLOSH SOFTWARE SUBSYSTEM FS	11-28-84	FE	
19756	SMS PMM - FLIGHT RECORDER SOFTWARE SUBSYSTEM CF	11-28-84	FE	
19757	SMS PMM - ORBITER TRANSLATIONAL EQUATIONS OF MOTION SOFTWARE SUBSYSTEM FT	11-28-84	FE	

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19758	SMS PMM - AUXILIARY POWER UNIT SOFTWARE SUBSYSTEM HA	11-28-84	FE	
19759	SMS PMM - DATA DELOGGING SOFTWARE SUBSYSTEM QD	04-28-85	FE	
19760	SMS PMM - GUIDANCE, NAVIGATION, AND CONTROL INTERFACE SOFTWARE SUBSYSTEM SF	11-28-84	FE	
19761	SMS PMM - REMOTE MANIPULATOR SYSTEM/MANIPULATOR CONTROLLER INTERFACE UNIT SOFTWARE SUBSYSTEM AK, VOLUME 1	09-28-85	FE	
19762	SMS PMM - SPINNING SOLID UPPER STAGE AVIONICS SOFTWARE SUBSYSTEM WH	11-28-84	FE	
19763	SMS PMM - REACTION CONTROL SYSTEM SOFTWARE SUBSYSTEM PR	12-28-84	FE	
19764	SMS PMM - SPACE RADIATOR SOFTWARE SUBSYSTEM ER	12-28-84	FE	
19765	SMS PMM - SPINNING SOLID UPPER STAGE ONBOARD SYSTEMS SOFTWARE SUBSYSTEM WG	12-28-84	FE	
19766	SMS PMM - TRACKING SOFTWARE SUBSYSTEM XT	12-28-84	FE	
19767	SMS PMM - WATER LOOP SYSTEM SOFTWARE SUBSYSTEM EW	12-28-84	FE	
19768	SMS PMM - REMOTE MANIPULATOR SYSTEM PYRO-TECHNICS MANIPULATOR SOFTWARE SUBSYSTEM HG, VOLUME 1	08-28-85	FE	
19769	SMS PMM - ATMOSPHERE SOFTWARE SUBSYSTEM BA, VOLUME 1	09-28-85	FE	
19770	SMS PMM - WINDS SOFTWARE SUBSYSTEM BW	12-28-84	FE	
19771 (dupl. #)	SMS PMM - SIMULATION DATA POOL STRUCTURE MANAGEMENT SOFTWARE SUBSYSTEM QA (23 VOLUMES)	06-28-85	FE	
19771 (dupl. #)	SMS PMM - AYDIN CRT PAGES, BOOK 8, VOLUME 1			
19772	SMS PMM - MODULAR AUXILIARY DATA SYSTEM SOFTWARE SUBSYSTEM CL	01-28-85	FE	
19773	SMS PMM - ATMOSPHERE PURIFICATION SOFTWARE SUBSYSTEM EP	02-28-85	FE	
19774	SMS PMM - AYDIN CRT SWITCH OFFLINE PROCESSOR AND POINTER DATA MAPPING SOFTWARE SUBSYSTEM R4	04-28-85	FE	
19775	SMS PMM - AYDIN CRT PAGES. BOOK 2, VOLUME 1	01-28-85	FE	
19776	SMS PMM - AYDIN CRT PAGES. BOOK 1, VOLUME 2	01-28-85	FE	
19777	SMS PMM - REMOTE MANIPULATOR SYSTEM KINEMATICS SOFTWARE SUBSYSTEM HR	01-28-85	FE	
19778	SMS PMM - SIMULATION INTERFACE DEVICE TO MISSION CONTROL CENTER INTERFACE SOFTWARE SUBSYSTEM XJ	01-28-85	FE	
19779	SMS PMM - AEROSURFACE CONTROL SOFTWARE SUBSYSTEM SS	01-28-85	FE	
19780	SMS PMM - AYDIN CRT PAGES. BOOK 4, VOLUME 1	01-28-85	FE	
19781	SMS PMM - HYDRAULIC POWER SYSTEM SOFTWARE SUBSYSTEM HP	01-28-85	FE	

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19782	SMS PMM - ATMOSPHERE CIRCULATION SYSTEM SOFTWARE SUBSYSTEM EA	01-28-85	FE	
19784	SMS PMM - TRANSLATIONAL EQUATIONS OF MOTION SOFTWARE SUBSYSTEMS FX	01-28-85	FE	
19785	SMS PMM - TELEMETRY SIMULATION SYSTEM COMMAND AND TELEMETRY PROCESSOR SOFTWARE SUBSYSTEM CH	02-28-85	FE	
19786	SMS PMM - INERTIAL UPPER STAGE AVIONICS SYSTEM SOFTWARE SUBSYSTEM WD	02-28-85	FE	
19787	SMS PMM - ORBITAL REFUELING SYSTEM SIMULATION SOFTWARE SUBSYSTEM WS	02-28-85	FE	
19788	SMS PMM - OBCSS OFFLINE SOFTWARE SUBSYSTEM R3 (3 VOLUMES)	02-28-85	FE	
19789	SMS PMM - AYDIN CRT PAGES. BOOK 2, VOL. 1	02-28-85	FE	
19790	SMS PMM - SOFTWARE SUBSYSTEM VR VISUAL MODE AND CONTROL	02-28-85	FE	
19791	SMS PMM - AYDIN CRT PAGES. BOOK 1, VOLUME 1	03-28-85	FE	
19792	SMS PMM - ELECTRICAL POWER DISTRIBUTION SOFTWARE SUBSYSTEM DD	02-28-85	FE	
19793	SMS PMM - INERTIAL UPPER STAGE ON-BOARD SYSTEMS SOFTWARE SUBSYSTEM WE	02-28-85	FE	
19794	SMS PMM - AYDIN CRT PAGES - BOOK 10, VOLUME 1	02-28-85	FE	
19795	SMS PMM - AYDIN CRT PAGES - BOOK 11, VOLUME 4	02-28-85	FE	
19796	SMS PMM - AYDIN CRT PAGES - BOOK 10, VOLUME 2	02-28-85	FE	
19797	SMS PMM - LANDING/BRAKING SOFTWARE SUBSYSTEM HL	03-28-85	FE	
19798	SMS PMM - AYDIN CRT PAGES SOFTWARE SUBSYSTEM RB	03-28-85	FE	
19799	SMS PMM - REACTION CONTROL SYSTEM JET/AERODYNAMIC INTERACTION AND IMPINGEMENT SOFTWARE SUBSYSTEM FJ	01-28-85	FE	
19800	SMS PMM - ATMOSPHERE ENVIRONMENT TABLE SOFTWARE SUBSYSTEM QE	04-28-85	FE	
19801	SMS PMM - AYDIN CRT PAGES. BOOK 9, VOLUME 3	04-28-85	FE	
19802	SMS PMM - DATA RETRIEVAL SOFTWARE SUBSYSTEM RD	04-28-85	FE	
19803	SMS PMM - ELECTRICAL POWER LOGIC SOFTWARE SUBSYSTEM DL	04-28-85	FE	
19804	SMS PMM - COMMUNICATION AUDIO SOFTWARE SUBSYSTEM CO	04-28-85	FE	
19805	SMS PMM - PULSED CODED MODULATION MASTER UNIT SOFTWARE SUBSYSTEM AD	04-28-85	FE	
19806	SMS PMM - MASTERTIMING SOFTWARE SUBSYSTEM RT	04-28-85	FE	
19807	SMS PMM - DATA LOGGING SUPPORT SOFTWARE SUBSYSTEM RL	04-28-85	FE	
19808	SMS PMM - AYDIN CRT PAGES. BOOK 11, VOLUME 2	04-28-85	FE	
19809	SMS PMM - ELECTRICAL POWER DISPLAYS/CONTROLS SOFTWARE SUBSYSTEM DC	04-28-85	FE	

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19810	SMS PMM - PAYLOAD DATA INTERLEAVER SUBSYSTEM CD	04-28-85	FE	
19811	SMS PMM - OPERATIONS SUPPORT SOFTWARE SUBSYSTEM Q3	05-28-85	FE	
19812	SMS PMM - DIGITAL IMAGE GENERATOR DRIVE SOFTWARE SUBSYSTEM VS (2 VOLUMES)	05-28-85	FE	
19813	SMS PMM - NETWORK SIGNAL PROCESSOR SOFTWARE SUBSYSTEM CN	05-28-85	FE	
19814	SMS PMM - AYDIN CRT PAGES. BOOK 5, VOLUME 1	05-28-85	FE	
19815	SMS PMM - AYDIN CRT PAGES. BOOK 7, VOLUME 3	05-28-85	FE	
19816	SMS PMM - AYDIN CRT PAGES. BOOK 6, VOLUME 1	05-28-85	FE	
19817	SMS PMM - PULSE CODED MODULATION SOFTWARE SUBSYSTEM CP	05-28-85	FE	
19818	SMS PMM - MASS PROPERTIES SOFTWARE SUBSYSTEM FM	05-28-85	FE	
19819	SMS PMM - NSS DATA LOGGING SOFTWARE SUBSYSTEM XL	05-28-85	FL	
19820	SMS PMM - EXPERIMENTS PACKAGE SOFTWARE SUBSYSTEM CI (2 VOLUMES)	05-28-85	FE	
19821	SMS PMM - MEASUREMENT PROCESSOR SOFTWARE SUBSYSTEM WL	05-28-85	FE	
19822	SMS PMM - AYDIN CRT PAGES. BOOK 7, VOLUME 1	02-28-85	FE	
19823	SMS PMM - DATA MANAGEMENT SYSTEM SOFTWARE SUBSYSTEM QF	05-28-85	FE	
19824	SMS PMM - AYDIN CRT PAGES. BOOK 9, VOLUME 1	05-28-85	FE	
19825	SMS PMM - PARAMETER EQUATIONS OF MOTION SOFTWARE SUBSYSTEM FP	05-28-85	FE	
19826	SMS PMM - TEST ALIGNMENT SOFTWARE SUBSYSTEM VT	05-28-85	FE	
19827	SMS PMM - AERODATA PROCESSOR SOFTWARE SUBSYSTEM QB	05-28-85	FE	
19828	SMS PMM - CONTROLS AND DYNAMICS SUBSYSTEM WC	05-28-85	FE	
19829	SMS PMM - PAYLOAD TELEMETRY SOFTWARE SUBSYSTEM WN	05-28-85	FE	
19830	SMS PMM - TARGET VEHICLES INITIALIZATION SOFTWARE SUBSYSTEM FI	05-28-85	FE	
19831	SMS PMM - AYDIN CRT PAGES. BOOK 3, VOLUME 1	05-28-85	FE	
19832	SMS PMM - AYDIN CRT PAGES. BOOK 11, VOLUME 3	05-28-85	FE	
19833	SMS PMM - NSS TA DELOGGING SOFTWARE SUBSYSTEM XG	05-28-85	FE	
19834	SMS PMM - PAYLOADS IUS TELEMETRY SUBSYSTEM WF	05-28-85	FE	
19835	SMS PMM - AYDIN CRT PAGES. BOOK 9, VOLUME 2	05-28-85	FE	
19836	SMS PMM - SHUTTLE PALLET SATELLITE SUBSYSTEM WK	05-28-85	FE	
19837	SMS PMM - AYDIN CRT PAGES. BOOK 7, VOLUME 2	05-28-85	FE	
19838	SMS PMM - G/T SOFTWARE SUBSYSTEM XF	05-28-85	FE	

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19839	SMS PMM - NSS DOWNLINK SOFTWARE SUBSYSTEM XD (2 VOLUMES)	05-28-85	FE	
19840	SMS PMM-AYDIN CRT PAGE SUPPORT SOFTWARE SUBSYSTEM R5 (12 VOLUMES)	06-28-85	FE	
19841	SMS PMM - NSS MASTER CONTROL SOFTWARE SUBSYSTEM XM (2 VOLUMES)	06-28-85	FE	
19842	SMS PMM - SPACE SHUTTLE MAIN ENGINE CONTROLLER SOFTWARE SUBSYSTEM PC (2 VOLUMES)	05-28-85	FE	
19843	SMS PMM - NSS UPLINK SOFTWARE SUBSYSTEM XU (2 VOLUMES)	06-28-85	FE	
19844	SMS PMM - TELEMETRY ELECTROMAGNETIC RADIATION PARAMETERS SOFTWARE SUBSYSTEM XE (2 VOLUMES)	06-28-85	FE	
19845	SMS PMM - NSS AYDIN CRT SUPPORT SOFTWARE SUBSYSTEM XH (3 VOLUMES)	06-28-85	FE	
19846	SMS PMM - SOFTWARE STRUCTURE SOFTWARE SUBSYSTEM QS (2 VOLUMES)	06-28-85	FE	
19847	SMS PMM - VISUAL REAL TIME MONITOR SOFTWARE SUBSYSTEM RXVIS	06-28-85	FE	
19848	SMS PMM - GPC INPUT PROCESSING SOFTWARE SUBSYSTEM AA (4 VOLUMES)	06-28-85	FE	
19849	SMS PMM - NETWORK SYSTEM SIMULATION REAL TIME MONITOR SUBSYSTEM XR (3 VOLUMES)	06-28-85	FE	
19850	SMS PMM - SMS MASTER CONTROL SOFTWARE SUBSYSTEM RA (3 VOLUMES)	06-28-85	FE	
19851	SMS PMM - AYDIN CRT ON-LINE SOFTWARE SUBSYSTEM RC (3 VOLUMES)	06-28-85	FE	
19852	SMS PMM - ERROR QUEUING SOFTWARE SUBSYSTEM XX	06-28-85	FE	
19853	SMS PMM - AFT DIGITAL IMAGE GENERATOR SOFTWARE SUBSYSTEM VH (2 VOLUMES)	06-28-85	FE	
19854	SMS PMM - CONTROL AND MODING, COMMUNICATIONS SOFTWARE SUBSYSTEM XC (2 VOLUMES)	06-28-85	FE	
19855	SMS PMM - INITIAL CONDITION MANAGEMENT AND CREW STATION SWITCH VERIFICATION SOFTWARE SUBSYSTEM QV (5 VOLUMES)	06-28-85	FE	
19856	SMS PMM - GPR OUTPUT PROCESSING SOFTWARE SUBSYSTEM AB (2 VOLUMES)	06-28-85	FE	
19857	SMS PMM - CONTROLS AND DISPLAYS SOFTWARE SUBSYSTEM SC	06-28-85	FE	
19858	SMS PMM - GRAPHICS CRT SOFTWARE SUBSYSTEM RG (2 VOLUMES)	06-28-85	FE	
19859	SMS PMM - SIMULATION INTERFACE DEVICE CONTROL SOFTWARE SUBSYSTEM AC (2 VOLUMES)	06-28-85	FE	
19860	SMS PMM - FREON COOLANT LOOP SOFTWARE SUBSYSTEM EF, VOLUME 1	09-28-85	FE	
19861	SMS PMM - MAIN ENGINE SOFTWARE SUBSYSTEM PM (2 VOLUMES)	06-28-85	FE	
19862	SMS PMM - OCCLUSION SOFTWARE SUBSYSTEM VZ (2 VOLUMES)	06-28-85	FE	

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19863	SMS PMM - FORWARD DIGITAL IMAGE GENERATOR SOFTWARE SUBSYSTEM VB (7 VOLUMES)	06-28-85	FE	
19864	SMS PMM - ONBOARD COMPUTER SUPPORT SOFTWARE SUBSYSTEM RM (4 VOLUMES)	06-28-85	FE	
19865	SMS PMM - CLOSED-CIRCUIT TELEVISION DIGITAL IMAGE GENERATOR SOFTWARE SUBSYSTEM VM (5 VOLUMES)	06-28-85	FE	
19866	SMS PMM - SHUTTLE MISSION SIMULATOR INTELLIGENT CONTROLLER MONITORS SOFTWARE SUBSYSTEM RX-SM (6 VOLUMES)	06-28-85	FE	
19867	SMS PMM - PERIODIC MODULES SOFTWARE SUBSYSTEM XP (9 VOLUMES)	06-28-85	FE	
19869	SMS PMM - SOFTWARE CONFIGURATION CONTROL SYSTEM SOFTWARE SUBSYSTEM QZ (3 VOLUMES)	06-28-85	FE	
19870	SMS PMM - SHUTTLE AERODYNAMICS SOFTWARE SUBSYSTEM FA (2 VOLUMES)	06-28-85	FE	
19903	AS-BUILT DETAILED DESIGN SPECIFICATIONS FOR THE REQUEST PROCESSING AND TRACKING SYSTEM USING THE IBM 3081	02-28-85	DE	J. S. RHOADES
19904	STS-9 IMU RM ANALYSIS - TWO LEVEL ENTRY (IN-84-FM-022)	06-28-84	FM	C. J. CERNOSEK
19907	CREW ACTIVITY PLANNING SYSTEM II APPLICATION SOFTWARE DESCRIPTION VOL. 1 - INTRODUCTION, SYSTEM OVERVIEW, USER INTERFACE DESCRIPTION, DISPLAY PROCESSING DESCRIPTION VOL. 2 - SUBROUTINE LISTINGS VOL. 3 - DATA FILE DESCRIPTIONS VOL. 4 - DISPLAY DESCRIPTIONS, COMMON BLOCK DEFINITIONS VOL. 5 - SUPPORT PROGRAM SUBROUTINE LISTINGS	06-28-86	DH	C. R. MCCLAIN
19909	RELIABILITY/MAINTAINABILITY APPROACH FOR SPACE STATION	05-28-84	NB	J. H. LEVINE
19910	SHUTTLE ORBITER INERTIAL MEASUREMENT UNIT S/N 0004, PRE-FLIGHT REPORT NO. 3	06-08-84	EH	R. L. BURNS
19911	SOFTWARE CONVERSION STUDY FOR THE PAYLOADS INTELLIGENT CONTROLLER	09-28-84	FD	A. R. HAJARE
19912	STS 51-G CARGO SYSTEMS MANUAL - ADSF, FINAL	04-01-85	DH	W. E. PARKMAN
19913	STS 41-C MICROWAVE SCANNING BEAM LANDING SYSTEM COVERAGE AND ACCURACY DATA PACKAGE FOR THE ORBITER LANDING	06-28-84	EE	P. HENRY M. C. ROBEL
19932	STS 41-D OPERATIONAL FLIGHT PROFILE - APPENDIX D, NON-PROPULSIVE CONSUMABLES, PROFILE SUMMARY, CYCLE 3A (IN-84-FM-025)	06-28-84	FM	
19933	TIMELINE FORMAT DEFINITIONS AND STANDARD NOTES (REV. B)	05-25-87	DH	M. A. GLEESON
19936	PAYLOAD SPECIALIST OPERATIONS AND INTEGRATION PLAN	10-28-85	CA	C. CHASAY
19940	SHUTTLE ORBITER INERTIAL MEASUREMENT UNIT S/N 0005, PRE-FLIGHT REPORT NO. 1	06-08-84	EH	D. B. HARMON
19941	SHUTTLE ORBITER INERTIAL MEASUREMENT UNIT S/N 0007, PRE-FLIGHT REPORT NO. 3	06-08-84	EH	J. D. CHRISTIAN

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19942	OSTA-3 EXPERIMENTS	08-28-84	DG	M. F. MCKAY
19943	COMMAND GUIDELINES FOR STS CUSTOMERS	06-28-85	DH	S. B. CASTLE
19944	STS 51-A PAYLOAD OPERATIONS CHECKLIST, BASIC	07-20-84	DH	M. FAWCETT
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19946	SPACE STATION OPERATIONS PLAN, BASIC	09-01-84	DH	D. A. BECKMAN
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19948	STS 41-G OPERATIONAL FLIGHT PROFILE, SUMMARY, CYCLE 3 (IN-84-FM-028)	09-28-84	FM	
19949	STS 51-A CREW ACTIVITY PLAN, FINAL	08-20-84	DH	C. B. LAU
19955	STS 1-A SYNCOM DEPLOY CHECKLIST, SYNCOM IV-1, FINAL	09-06-84	DH	J. V. RIVERS
19957	LARGE FORMAT CAMERA INTERAGENCY WORKING GROUP CO-INVESTIGATOR TARGET SUMMARY-ORBITER CAMERA PAYLOAD SYSTEM-A LISTING OF SPONSOR AGENCY INPUTS FOR MISSIONS 41-D AND 41-G	08-01-84	SC	B. H. MOLLBERG
19961	STS 51-D CREW ACTIVITY PLAN, FINAL (REV. A)	03-26-85	DH	P. L. ENGELAUF
19962	ENGINEERING DIRECTORATE PRINCIPAL TEST AND DEVELOPMENT FACILITIES (SEE JSC 19295)	11-28-84	EA	
19963	RELIABILITY AND QUALITY ASSURANCE REQUIREMENTS FOR GOVERNMENT-FURNISHED PROPERTY CONTROL	06-28-84	NU	M. L. RAINES
19965	STS 41-G CREW ACTIVITY PLAN, FINAL	09-03-84	DH	W. R. HOLMBERG
19967	STS 41-E POST-INSERTION, FINAL	06-28-84	DH	N. E. JACKSON
19969	CERTIFICATION PLAN AND REQUIREMENTS DOCUMENT FOR THE SATELLITE RETRIEVAL MISSION ENGINEERING DIRECTORATE DEVELOPED HARDWARE	07-21-84	EN	R. B. SCHUCK
19970	SPACE SHUTTLE SATELLITE RETRIEVAL MISSION PROGRAM REQUIREMENTS DOCUMENT FOR ENGINEERING DIRECTORATE DEVELOPED HARDWARE	07-28-84	EX	R. B. SCHUCK
19971	SPACELAB REFERENCE DATA - SPACELAB 3, FINAL	04-11-85	DF	J. BRITTON
19972	DASD MANAGEMENT STRATEGY FOR THE SOFTWARE PRODUCTION FACILITY	06-28-84	FR	I. W. STAMMERJOHN
19975	STS 51-A RENDEZVOUS, FINAL (REV. A)	10-19-84	DH	M. A. THOMAS
19976	SPACELAB ACTIVATION/DEACTIVATION CHECKLIST - SPACELAB 2, FINAL	06-12-85	DH	S. S. GIBSON
19977	STS 41-G PHOTO/TV CHECKLIST, FINAL	09-14-84	DG	D. C. CARICO S. SEUS
19979	THE PERTURBED TWO-BODY PROBLEM SOLVED ON THE IBM PERSONAL COMPUTER (IN-84-FM-032)	07-28-84	FM	J. MOK
19980	CARGO SYSTEM MANUAL - INTERIM OPERATIONAL CONTAMINATION MONITOR (IOCM), STS-ALL, FINAL	01-20-85	DH	R. S. HELD
19981	SIMULATION INFORMATION CENTER DETAILED REQUIREMENTS - SIMULATOR AND COMPUTER SYSTEMS SCHEDULING APPLICATION	09-28-84	FE	A. A. COCKRELL

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19984	STS 51-E OPERATIONAL FLIGHT PROFILE - SUMMARY, CYCLE 2 (IN-84-FM-034)	02-28-85	FM	
19985	STS 51-F PROXIMITY OPERATIONS - PLASMA DIAGNOSTICS PACKAGE, FINAL	05-24-85	DH	M. L. VERES
19986	STS 41-G POST-INSERTION, FINAL	07-31-84	Dh	N. E. JACKSON
19987	STS 51-A PHOTO/TV CHECKLIST, FINAL	09-14-84	DG	D. R. BROOKS M. ENGLE A. B. THIETJE
<u>19989</u>	SPACE STATION REFERENCE CONFIGURATION DESCRIPTION	08-28-84	PB	
19990	STS 51-D PAYLOAD OPERATIONS CHECKLIST, FINAL	01-29-85	DH	A. J. BURGE
19991	STS 51-G CONCEPTUAL FLIGHT PROFILE - STANDARD INSERTION (IN-84-FM-035)	10-28-84	FM	
19992	STS 41-B LOW-SPEED GROUND NAVIGATION CONSOLE MISSION REPORT (IN-84-FM-036)	07-28-84	FM	J. K. WEAVER
19997	STS 41-G CARGO SYSTEMS MANUAL - ERBS, BASIC	08-06-84	DH	J. C. ROMIG
19999	A NEW APPROACH TO SIGNAL FROM NOISE SEPARATION (IN-84-FM-038)	08-28-84	FM	W. M. LEAR
20000	STS 41-D REMANIFEST OPERATIONAL FLIGHT PROFILE-SUMMARY, CYCLE 1 (IN-84-FM-039)	08-28-84	FM	
20002	SOFTWARE CONVERSION STUDY FOR THE FLIGHT SOFTWARE APPLICATIONS AT JSC	08-28-84	FR	E. L. WILLIAMS
20003	COST ESTIMATING MODEL FOR AN INTEGRATED NETWORK OF ADP EQUIPMENT	08-28-84	FD	W. P. KINCY
20004	STS 41-G DESCENT MISSION PLAN (IN-84-FM-040)	08-28-84	FM	J. HANSEN
20005	OPERATION AND MAINTENANCE INSTRUCTIONS FOR OEX SYSTEM CONTROL MODULE TEST ASSEMBLY GROUND SUPPORT EQUIPMENT	01-28-86	EH	W. B. WALTON
20006	STUDIES OF PERFORMANCE AND ABUSE RESISTANCE OF LITHIUM-BROMINE COMPLEX CELLS FOR MANNED SPACE USE	07-28-84	EP	J. B. TROUT
<u>20007</u>	SPACE SHUTTLE LIGHTNING PROTECTION VERIFICATION DOCUMENT	07-28-84	LE	
20008	STS 51-I CONCEPTUAL FLIGHT PROFILE (IN-84-FM-041)	09-28-84	FM	
20009	STS-51-C PAYLOAD SYSTEMS DATA AND MALFUNCTION PROCEDURES-STORABLE FLUID MANAGEMENT DEMONSTRATION	08-03-84	DH	J. R. SIMONS
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20011	STS 51-C PAYLOAD OPERATIONS CHECKLIST-STORABLE FLUID MANAGEMENT DEMONSTRATION, FINAL REPORT	08-24-84	DH	J. R. SIMONS
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20015	STS 51-A POST-INSERTION, FINAL	08-21-84	DH	N. E. JACKSON
20016	SECURE TELEVISION PROGRAM REQUIREMENTS DOCUMENT	07-28-84	EE	
20017	STS 51-C PHOTO/TV CHECKLIST, FINAL	11-07-84	DG	T. BOGART
20022	CINEMA 360 CAMERA PAYLOAD BAY SYSTEM "BURP" PROCEDURE-MODE 2, JSC AND KSC	08-28-84	EX	P. O. WILSON
20025	ACCEPTANCE TEST PLAN FOR THE CREW SYSTEMS DIVISION SATELLITE RETRIEVAL HARDWARE, SATELLITE RETRIEVAL MISSION	07-28-84	EC	M. R. ELLIS
20027	SPACELAB COMMAND AND DATA MANAGEMENT SUBSYSTEM SYSTEM BRIEFS, BASIC	12-21-84	DF	J. EBI E. SCHAFHAUSER P. TICE
20032	MISSION 41-D OV-103 MODULAR AUXILIARY DATA SYSTEM LOADING DOCUMENT	08-28-84	EE	J. W. HEGEMIER
20033	STS 51-A CONCEPTUAL FLIGHT PROFILE-SUMMARY (IN-84-FM-043)	12-28-84	FM	
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20036	STS 41-B STAR TRACKER RENDEZVOUS ANOMALY (IN-84-FM-044)	08-28-84	FM	J. P. MCINTIRE
20037	STS 7 STAR TRACKER LOS RATE TEST (IN-84-FM-046)	08-28-84	FM	J. P. MCINTIRE
20038	STS 41-B CATALOG OF SPACE SHUTTLE EARTH OBSERVATIONS HAND-HELD PHOTOGRAPHY	09-28-84	SC	W. F. PALMER
20040	MISSION 41-D SHUTTLE ORBITER INERTIAL MEASUREMENT UNIT, S/N 0007, PRE-FLIGHT REPORT NO. 4, OV-103, SLOT 3	08-22-84	EH	R. L. BURNS
20041	MISSION 41-D SHUTTLE ORBITER INERTIAL MEASUREMENT UNIT, S/N 0007, PRE-FLIGHT REPORT NO. 4, OV-103, SLOT 1	08-22-84	EH	J. D. CHRISTIAN
20042	AN OVERVIEW OF SHUTTLE/PAYLOAD STRUCTURAL AND MECHANICAL INTERFACES AND REQUIREMENTS	07-28-84	ES	D. A. HAMILTON
20043	STS 51-A PAM DEPLOY CHECKLIST, ANIK-D/PAM-D, FINAL	09-18-84	DH	P. W. BURRETS
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20056	STS 41-C CATALOG OF SPACE SHUTTLE EARTH OBSERVATIONS HAND-HELD PHOTOGRAPHY	09-28-84	SC	B. S. NOWAKOWSKI W. F. PALMER
20057	REDUNDANT COMPUTER SET LOGIC FLOW DIAGRAMS (SEQUENCING), SOFTWARE VERSION OI-4	09-28-84	EH	J. C. DAVIDSON
20058	OI-4 LAUNCH PROCESSING SYSTEM/SHUTTLE HARDWARE/ SOFTWARE INTERFACES	12-28-84	EH	J. C. DAVIDSON
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20060	SHUTTLE FLIGHT PHOTOGRAPHIC DISTRIBUTION PLAN	05-15-84	JL	J. W. HOLLAND N. T. LAMAR
20065	STS 51-A PHASE III SAFETY REPORT FOR THE JSC HARDWARE FOR THE PALAPA/WESTAR RETRIEVAL MISSION	09-28-84	EX	T. MICHAEL
20067	SPACELAB LIFE SCIENCES 1 CERTIFICATION/ ACCEPTANCE REQUIREMENTS FOR MISSION PECULIAR EQUIPMENT (REV B)	10-10-84	EX	J. B. WALTERS
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20069	SPACELAB OPERATIONS CHECKLIST FLIGHT SUPPLEMENT (VARIOUS FLIGHTS)	10-04-85	DH	J. J. GAREGNANI
20070	SPACELAB-3 DPS/CDMS DICTIONARY, FINAL	04-10-85	DF	J. BRITTON
20071	RISK ANALYSIS OF THE CENTER INFORMATION SYSTEM	09-28-84	FA	R. L. MERTENS J. G. O'LEARY
20072	STS 51-A PAYLOAD SYSTEMS DATA AND MALFUNCTION PROCEDURES, BASIC	09-17-84	DH	M. FAWCETT
20073	STS 51-E PAYLOAD SYSTEMS DATA AND MALFUNCTION PROCEDURES, FINAL	12-20-84	DH	J. M. CHILDRESS
20074	CARGO SYSTEMS MANUAL - PANEL A6J, PRELIMINARY- STS-ALL	10-31-84	DH	J. P. TRIMLE
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20081	SPACELAB IPS OPERATIONS CHECKLIST, ALL VEHICLE, BASIC (REV. B)	11-22-85	DF	J. BRITTON P. F. DYE
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20085	STS 51-B PHOTO/TV CHECKLIST, FINAL	04-08-85	DG	D. R. BROOKS S. B. SEUS
20086	STS 41-D NATIONAL SPACE TRANSPORTATION SYSTEMS PROGRAM MISSION REPORT	09-28-84	MD	
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20088	MISSION 41-G SHUTTLE ORBITER INERTIAL MEASUREMENT UNIT S/N 0009, PRE-FLIGHT REPORT NO. 3, OV-099, SLOT 1	09-24-84	EH	C. D. LERMA
20089	MISSION 41-G SHUTTLE ORBITER INERTIAL MEASUREMENT UNIT S/N 0001, PRE-FLIGHT REPORT NO. 5, OV-099, SLOT 3	09-24-84	EH	J. D. CHRISTIAN
20090	MISSION 41-G SHUTTLE ORBITER INERTIAL MEASUREMENT UNIT S/N 0011, PRE-FLIGHT REPORT NO. 10, OV-99 SLOT 2	09-24-84	EH	D. B. HARMON
20091	STS 41-B SONIC BOOM LEVELS MEASURED FOR LANDING	09-28-84	SV	J. F. STANLEY E. G. STANSBERY
20092	STS 51-C POST-INSERTION, FINAL	09-27-84	DH	N. E. JACKSON
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20099	STS 51-E PAYLOAD OPERATIONS CHECKLIST, FRENCH ECHOCARDIOGRAPH EXPERIMENT FRENCH POCKET EXPERIMENT, FINAL (REV A)	01-29-85	DH	D. DE CAIX
20100	STS 51-E PAM DEPLOY CHECKLIST, ANIK-C/PAM-D, BASIC	10-09-84	DH	P. BURRETS
20101	STS 51-G CREW ACTIVITY PLAN, FINAL (REV A)	05-30-85	DH	R. L. SCHAF
20102	EMU LITHIUM BATTERY DEVELOPMENT AND TEST TEST PROGRAM	05-14-86	EP	D. R. SAUCIER
20103	STS 51-E IUS DEPLOY CHECKLIST, IUS/TDRS-B, FINAL	01-07-85	DH	D. W. LEWIS
20105	STS 51-E CREW ACTIVITY PLAN, FINAL (REV A)	02-19-85	DH	P. L. ENGELAUF
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20107	ISSCO/DISSPLA-MEGATEK INTERFACE USER'S GUIDE FOR SAL/DPL VAX-2 SYSTEM	12-28-84	SP	R. E. HILL
20110	SPACE TRANSPORTATION SYSTEM MISSION SAFETY SUMMARY (VARIOUS FLIGHTS) (REV. G)	08-23-85	NS	J. B. HAMMACK
20111	COSMIC DUST CATALOG-PARTICLES FROM COLLECTION FLAG U2016, VOLUME 5, NO. 1	10-28-84	SN	
20113	USER'S GUIDE FOR THE SHUTTLE INFORMATION EXTRACTION SYSTEM PRODUCTION (REV. A)	08-28-85	DE	C. R. TUPPER
20117	SATELLITE RETRIEVAL MISSION FAILURE MODES AND EFFECTS ANALYSIS AND CRITICAL ITEMS LIST FOR JSC PROVIDED HARDWARE	10-28-84	NB	J. H. LEVINE
20120	PRELIMINARY POWER PROFILES FOR 6- AND 8- MAN SPACE STATION IOC CONFIGURATION (IN-84-FM-051)	09-28-84	FM	J. T. LAWRENCE
20127	STS 51-A DESCENT MISSION PLAN, OPERATIONAL FLIGHT PROFILE (IN-84-FM-052)	10-28-84	FM	G. L. CARMAN
20129	RCS BLOCKED DOUBLET TEST	01-17-85	EP	D. G. STAFFORD
20131	STS 51-B POST-INSERTION, FINAL (REV A)	03-07-85	DH	N. E. JACKSON

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20135	STS 41-G TECHNICAL CREW DEBRIEFING	11-28-84	CA	
20136	MGAMS EXPERIMENTAL BATTERY FABRICATION	09-27-84	EP	C. LIDE
20138	END ITEM SPECIFICATION/STATEMENT OF WORK FOR THE SLS-1 VACUUM VENT LINE	11-28-84	ND	J. B. WALTERS
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20141	SPACE TRANSPORTATION SYSTEM SECURITY REQUIREMENTS PLAN - PROGRAM PLAN (REV. A)	10-28-86	JM	S. AVENT
20143	MISSION 51-A, SHUTTLE ORBITER INERTIAL MEASUREMENT UNIT S/N 0004, PRE-FLIGHT REPORT NO. 5, OV-103, SLOT 3	10-26-84	EH	C. D. LERMA
20144	MISSION 51-A, SHUTTLE ORBITER INERTIAL MEASUREMENT UNIT S/N 0005, PRE-FLIGHT REPORT NO. 3, OV-103, SLOT 2	10-26-84	EH	D. B. HARMON
20145	MISSION 51-A, SHUTTLE ORBITER INERTIAL MEASUREMENT UNIT S/N 0007, PRE-FLIGHT REPORT NO. 5, OV-103, SLOT 1	10-26-84	EH	J. D. CHRISTIAN
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20149	SPACE STATION REQUIREMENTS FOR MATERIALS AND PROCESSES-GENERAL SPECIFICATION (SEE JSC 30233)	09-28-84	ES	
20150	HR ISOLATION VALVE TEST	06-04-85	EP	S. E. JONES
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20171	FERRY FLIGHT THERMAL ENVIRONMENT DATA	11-28-84	ES	D. WATANABE
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20191	DETAILED REQUIREMENTS DOCUMENT FOR ANNEX TABLE GENERATION SYSTEM	11-28-84	FR	
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20207	FLIGHT OPERATIONS SUPPORT PERSONNEL TRAINING GUIDE - COMMUNICATIONS SECTION	07-18-86	DF	
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20337	SINGLE SYSTEM TRAINER SOFTWARE DESCRIPTION-APU/HYD/WSB, BASIC	02-28-85	DG	D. DYAS
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20343	SIMULATION DATA REQUIREMENTS FOR MISSION RECONFIGURATION - EDM/IBM/FDDD INTERFACE CONTROL DOCUMENT (REV. 2)	11-01-85	FR	J. E. GREENLEE
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20345	STS 41-C LOW-SPEED GROUND NAVIGATION CONSOLE MISSION REPORT (IN-85-FM-004)	02-26-85	DM	J. K. WEAVER
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20350	STS 51-G PHOTO/TV CHECKLIST, FINAL	05-09-85	DH	R. S. HONAKER

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20379	STS 51-G JSC/REMOTE POCJ JOINT OPERATIONS INTERFACE PROCEDURES, FLIGHT UNIQUE ADDENDUM, FINAL	05-13-85	DH	A. K. KEISNER
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20385	SINGLE SYSTEM TRAINER SOFTWARE DESCRIPTION, FCS, BASIC	02-07-85	DG	T. E. GUNDERSON
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20408	GROUND NAVIGATION TEAM TRAINING GUIDE	09-30-85	DG	
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20431	NASA-JSC NEUTRON RADIOGRAPHY SPECIFICATION	03-28-85	EP	L. J. WYNN
20432	SHUTTLE ORBITER MEDICAL SYSTEM POST-FLIGHT HANDLING DOCUMENT	03-09-85	SD	D. A. RUSHING
20434	STS 51-I JSC/REMOTE POCJ JOINT OPERATIONS INTERFACE PROCEDURES, FLIGHT UNIQUE ADDENDUM-ASC, AUSSAT, SYNCOM, FINAL	05-28-85	DH	A. K. KEISNER
20436	MATHEMATICAL MODELS FOR DOPPLER MEASUREMENTS (IN-85-FM-008) (REV. 1)	04-28-87	FM	W. M. LEAR
20437	GUIDANCE ON-BOARD NAVIGATION SECTION TRAINING GUIDE	01-03-86	DG	J. K. PATTERSON
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20441	SINGLE SYSTEM TRAINER SOFTWARE DESCRIPTION INTERFACE COMMUNICATIONS PROCESSOR GUIDE	03-28-85	FE	R. L. ADKINS M. I. MANUSOV
20443	SHUTTLE MISSION SIMULATOR PAYLOAD SIMULATOR TO WORKSTATION INTERFACE CONTROL DOCUMENT (REV. B)	11-26-86	FS	J. NICHOLS

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20447	COMPUTER RESOURCE UNIT	03-28-85	FD	K. P. HEIDEMAN
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20452	SPACE SHUTTLE ROSAT/ORBITER INTERFACE BOX PROGRAM REQUIREMENTS DOCUMENT	10-28-85	EX	R. T. WALTERS
20453	FLIGHT CONTROLLER TRAINER ELECTRICAL POWER SYSTEM MODEL INTERFACE CONTROL DOCUMENT, BASIC	04-30-85	DG	A. B. MERCIER
20454	STS 61-J, CARGO SYSTEMS MANUAL - HUBBLE SPACE TELESCOPE, INITIAL DEPLOYMENT, PRELIMINARY	05-15-85	DH	A. J. BURGE
20458	STS 51-F SPACELAB REFERENCE DATA, SPACELAB 2, FINAL	06-28-85	DH	J. BRITTON
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20460	MISSION 51-D SHUTTLE ORBITER INERTIAL MEASUREMENT UNIT S/N 0005, PRE-FLIGHT REPORT NO. 5, OV-103, SLOT 2	04-05-85	EH	D. B. HARMON
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20733	CHARACTERIZATION OF MISSION OPERATIONS FACILITIES	08-28-85	FD	D. M. ERB L. W. MORGAN
20735	STS 61-E SPACELAB ACTIVATION/DEACTIVATION CHECKLIST ASTRO-1, FINAL	02-07-86	DH	S. C. GIBSON
20736	CALCULATING THE GEODAL SEPARATION (IN-85-FM-022)	09-28-85	FM	W. M. LEAR

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20739	GROUND NAVIGATION OVERVIEW	05-30-86	DM	J. K. WEAVER
20742	MATHEMATICS FOR GROUND NAVIGATION WORKBOOK	01-30-86	DM	P. J. KENNEY
20743	BASIC ORBITAL MECHANICS WORKBOOK	10-01-85	DM	W. H. HEILMAN
20745	ORBITAL TRAJECTORY INTEGRATION METHODS WORKBOOK	05-21-86	DM	R. A. ABOTTEEN
20746	EQUATIONS OF RELATIVE MOTION WORKBOOK	10-01-85	DM	M. N. LARDAS
20747	ON-ORBIT TRANSLATION MANEUVER MODELS WORKBOOK	08-31-85	DM	S. BERNHARDT W. HEILMAN
20748	TRACKING SYSTEMS DESCRIPTION WORKBOOK	11-22-85	DM	T. G. SCHMIDT
20750	TRACKING SYSTEMS MEASUREMENT MODELS WORKBOOK	03-07-86	DM	R. A. ABOTTEEN
20751	TRACKING DATA ERRORS AND RESIDUAL SIGNATURES WORKBOOK	01-13-86	DM	T. G. SCHMIDT
20754	WTRAJ TRAJECTORY TRAINING TOOL WORKBOOK	10-01-85	DM	H. HO
20755	HOPE ANALYSIS TOOL WORKBOOK	12-30-86	DM	R. A. ABOTTEEN
20760	ON-ORBIT ERROR ANALYSIS WORKBOOK	02-28-86	DM	J. S. FRENCH
20761	BASIC SEQUENTIAL FILTER THEORY WORKBOOK	11-22-85	DM	W. H. HEILMAN
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20769	STS 61-F/G PAYLOAD SYSTEMS DATA AND MALFUNCTION PROCEDURES, BASIC (REV. A)	04-04-86	DH	J. E. DETROYE
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20771	STS 61-C CREW ACTIVITY PLAN, CYCLE 2 TRAJECTORY, FINAL (REV. A)	11-26-85	DH	P. L. ENGLEAUF
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20773	RECONFIGURATION DISCREPANCY REPORTING SYSTEM DOCUMENTATION	08-28-85	FR	C. FOSTER
20774	STS 51-L IUS DEPLOY CHECKLIST, IUS/TDRS, FINAL	12-03-85	DH	D. W. LEWIS
20775	DESCENT DESIGN SECTION TRAINING GUIDE	02-10-86	DG	M. W. CORBETT
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20777	STS 51-L RENDEZVOUS, SPARTAN-HALLEY	12-09-85	DH	A. B. DOUGHERTY
20778	VENTING ANALYSIS DIGITAL COMPUTER PROGRAM	09-28-85	ES	R. L. NIEDER
20780	SPARTAN RADAR CROSS-SECTION MODEL DEVELOPMENT	07-28-85	EE	P. L. HARTON M. T. HEIDEMAN
20781	STS 61-B CARGO SYSTEMS MANUAL - IMAX CARGO BAY CAMERA, PRELIMINARY	09-09-85	DH	J. A. LARSON
20782	STS 51-I TECHNICAL CREW DEBRIEFING	12-28-85	CB	W. B. JONES

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20787	CATALOG OF APOLLO 15 ROCKS (3 PARTS)	10-28-85	SN	R. GRAHAM
20788	SHUTTLE PORTABLE ONBOARD COMPUTER DETAILED FORMULATION REQUIREMENT-DEORBIT TARGETING PROCESSOR (IN-85-FM-023)	11-28-85	FM	L. E. BRYANT D. G. IVES
20790	INTERCENTER PROBLEM REPORTING AND CORRECTIVE ACTION REQUIREMENTS DOCUMENT, BASIC	04-28-86	ND	D. M. BROWNE
20791	STS 61-C PAYLOAD OPERATIONS CHECKLIST, MSL-2, HITCHHIKER, GAS, UVX, IBSE, STUDENT EXPERIMENTS, HPCG, FINAL (REV. A)	12-02-85	DH	D. E. HANSON
20792	SPACE STATION SYSTEM OPERATIONS REQUIREMENTS FOR SYSTEMS MANAGEMENT, PRELIMINARY	10-18-85	DF	D. WEBB
20793	MANNED SPACE VEHICLE BATTERY SAFETY HANDBOOK	09-28-85	EP	J. B. TROUT
20796	IMAX CARGO BAY CAMERA SYSTEM TEST PROCEDURES	09-28-85	EX	B. W. BATES
20797	SAFETY ANALYSIS REPORT FOR THE ROSAT/ORBITER INTERFACE BOX	08-28-86	EX	P. RICHARDSON-BAILEY
20800	STS 51-A CATALOG OF SPACE SHUTTLE EARTH OBSERVATIONS HAND-HELD PHOTOGRAPHY	10-28-85	SA	R. M. NELSON
20801	PAYLOAD AND OPERATIONS SUPPORT BRANCH TRAINING GUIDE	10-01-85	DG	L. C. YOUNG
<u>20810</u>	JSC HANDBOOK OF MATERIAL TEST DATA (SEE JSC 09804)	09-28-85	ES	P. W. LEDOUX
20811	AUTOMATED GENERAL PAYLOAD MODEL FACILITIES B2 REQUIREMENTS FOR THE SHUTTLE MISSION SIMULATOR TRAINING FACILITY (REV. A)	09-18-85	FS	J. LEE
20812	SHUTTLE MISSION SIMULATOR CONTROL AND MONITOR ISOLATION SUBSYSTEM SIMULATOR INTERFACE UNIT TO SHUTTLE RECONFIGURATION SYSTEM	12-29-86	FS	J. LEE
20813	SENSOR AND EFFECTOR MATH MODELS PROPOSED FOR SPACE STATION SIMULATIONS	09-28-85	EH	C. E. PARTIN W. W. POWELL
20816	PLASTIC BENDING MOMENTS COEFFICIENTS DERIVED FROM ACTUAL STRESS-STRAIN CURVES	09-28-85	ES	J. P. MCMANAMEN
20818	MISSION 51-J SHUTTLE ORBITER INERTIAL MEASUREMENT UNIT S/N 0012, PRE-FLIGHT REPORT NO. 4, OV-104, SLOT 3	09-25-85	EH	M. POURASSEF
20819	MISSION 51-J SHUTTLE ORBITER INERTIAL MEASUREMENT UNIT S/N 0021, PRE-FLIGHT REPORT NO. 6, OV-104, SLOT 2	09-25-85	EH	M. POURASSEF
20822	MISSION 51-J SHUTTLE ORBITER INERTIAL MEASUREMENT UNIT S/N 0014, PRE-FLIGHT REPORT NO. 1, OV-104, SLOT 1	09-25-85	EH	C. D. LERMA
20823	STS 81-L CARGO SYSTEMS MANUAL - GAMMA RAY OBSERVATORY, PRELIMINARY	06-01-86	DH	R. R. RODRIGUEZ
20827	CARGO SYSTEMS MANUAL - SATCOM KU, STS ALL, BASIC	09-28-85	DH	C. M. FOALE

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20840	SPACELAB LIFE SCIENCE 1 CERTIFICATION/ACCEPTANCE REQUIREMENTS FOR SPACELAB MIDDECK EXPERIMENT INSTALLATION HARDWARE (REV. A)	11-28-85	EX	G. BRANCH
20841	STS 81-C FLIGHT UNIQUE ADDENDUM, JSC/REMOTE POCC JOINT OPERATIONS INTERFACE PROCEDURES, SATCOM, MSL-2, HITCHHIKER, FINAL	11-28-85	DH	L. R. DEAN
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20849	STS 81-C CARGO SYSTEMS MANUAL - GAS ANNEX, ORBITAL OPERATIONS	10-28-85	DH	J. A. LARSON
20850	SPACE STATION BERTHING AND DOCKING CONCEPTS	10-28-85	ES	B. BECKER B. A. HERNANDEZ R. S. MAYNARD A. R. ROCHA
20852	SHUTTLE PORTABLE ONBOARD COMPUTER PRINTER KIT SAFETY ANALYSIS REPORT	11-28-85	EX	P. RICHARDSON-BAILEY
20857	EASTECH 2-INCH VORTEX SHEDDING FLOWMETER PERFORMANCE EVALUATION	08-25-86	EP	D. G. STAFFORD
20859	ASCENT DESIGN SECTION TRAINING GUIDE	12-15-85	DG	T. R. BROWER
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20861	SINGLE SYSTEM TRAINER SOFTWARE DESCRIPTION-CCTV, BASIC	10-28-84	DG	D. HEDIN
20862	SINGLE SYSTEM TRAINER SOFTWARE DESCRIPTION-PAM, BASIC (REV. A)	12-28-86	DC	S. J. EARLE P. A. MCCAIN
20863	SINGLE SYSTEM TRAINER SOFTWARE DESCRIPTION DPS, BASIC	05-22-85	DG	S. C. ARNOLD
20865	SINGLE SYSTEM TRAINER SOFTWARE DESCRIPTION-PL COMM, BASIC	02-07-85	DG	D. GANDOLFI
20866	SINGLE SYSTEM TRAINER SOFTWARE DESCRIPTION-CDMS, BASIC	05-28-85	DG	S. KOVAR H. WATSON
20867	STS 82-A AFP-888 DEPLOY CHECKLIST, BASIC	11-04-85	DH	G. F. PELS
20869	FLIGHT OPERATIONS SUPPORT PERSONNEL TRAINING GUIDE - ORBIT DYNAMICS SECTION	03-30-87	DG	
20870	SINGLE SYSTEM TRAINER SOFTWARE DESCRIPTION-HVP, BASIC	12-28-85	DG	H. WATSON
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20878	STS 81-E PAYLOAD SYSTEMS DATA AND MALFUNCTION PROCEDURES, BASIC	10-24-85	DH	K. A. KLEIN
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20882	SPACE STATION WORK STATION FORWARD STATION MANEUVERABLE REMOTE MANIPULATOR SYSTEM	10-28-85	EF	L. A. DUFFER-TOWNER
20883	PAYLOAD DATA STATION, DECOMMUTATION AND CALIBRATION TASK TO DATA PRESENTATION TASK, INTERFACE CONTROL DOCUMENT	12-28-85	DH	T. KEATON
20887	ADVANCED AUTOPILOT EXPERIMENT RADAR CORNER REFLECTOR REQUIREMENTS DOCUMENT	10-28-85	EX	S. R. PTERRE
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20895	MISSION 81-A SHUTTLE ORBITER INERTIAL MEASUREMENT UNIT S/N 0001, PRE-FLIGHT REPORT NO. 8, OV-99, SLOT 3	10-23-85	EX	M. POURASSEF
20896	STS 82-A PHOTO/TV CHECKLIST, BASIC	11-25-85	DH	D. C. CARICO L. W. LEW E. C. MILLER
20897	STS 81-E PHOTO/TV CHEKCLIST, FINAL	01-24-88	DG	A. B. THIETJE
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20902	LEVEL B/C REQUIREMENTS FOR THE COMPUTER RESOURCE UTILIZATION APPLICATION	11-28-85	DG	G. E. STARK
20903	FLIGHT OPERATIONS SUPPORT PERSONNEL TRAINING GUIDE GROUND CONTROLLERS	07-06-87	DG	
20904	STS 51-L POST-INSERTION, FINAL	11-26-85	DH	N. E. JACKSON
20905	PROPULSION AND POWER DIVISION THERMOCHEMICAL TEST AREA SAFETY REVIEW REPORT	01-15-86	EP	J. R. WUNDERLICH
20906	STS TACAN ORBIT NAVIGATION (IN-85-FM-028)	02-28-86	FM	C. SEMAR
20907	A SIMPLE, ORBITAL DENSITY MODEL FOR DRAG EQUATIONS (IN-85-FM-027) (REV. 1)	08-28-86	FM	W. T. LEAR
20908	AUTOMATED GENERAL PAYLOAD-MODEL PAYLOAD SIMULATOR, LEVEL B/C REQUIREMENTS FOR THE SHUTTLE MISSION SIMULATOR TRAINING FACILITY	10-30-85	FS	J. T. WATSON
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20916	COSMIC DUST CATALOG - PARTICLES FROM 13 COLLECTION FLAGS, VOLUME 6, NUMBER 1	11-28-85	SN	M. ZOLENSKY
20917	COSMIC DUST CATALOG - PARTICLES FROM COLLECTION FLAG U2022, VOLUME 7, NUMBER 1	11-28-85	SN	D. S. MCKAY L. S. SCHRAMM K. L. VER PLOEG M. E. ZOLENSKY
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20921	DISC FUSE EVALUATION	01-29-86	EP	K. I. POAST
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20925	GROUND SAFETY ANALYSIS REPORT FOR THE ROSAT/ ORBITER INTERFACE BOX	11-28-85	EX	P. RICHARDSON/BAILEY
20928	ENVIRONMENTAL CERTIFICATION PLAN FOR THE MIDDECK ACCOMMODATIONS RACK	06-28-86	EX	M. G. HUGHES
20929	MISSION 61-B SHUTTLE ORBITER INERTIAL MEASUREMENT UNIT S/N 0014, PRE-FLIGHT REPORT NO. 2, OV-104, SLOT 1	11-20-85	EH	D. B. HARMON
20930	STS 61-A TECHNICAL CREW DEBRIEFING	03-28-86	CA	T. S. MCCLURE
20931	ZINC-AIR 798 HP STACKING TEST	02-12-86	EP	S. W. BURGE
20932	STS 61-E SPACELAB DPS/CDMS DICTIONARY, ASTRO-1, FINAL	02-10-86	DH	J. BRITTON P. J. CERNA
20933	MISSION 61-B SHUTTLE ORBITER INERTIAL MEASUREMENT UNIT S/N 0021, PRE-FLIGHT REPORT NO. 7, OV-104, SLOT 2	11-20-85	EH	C. D. LERMA
20934	MISSION 61-B SHUTTLE ORBITER INERTIAL MEASUREMENT UNIT S/N 0012, PRE-FLIGHT REPORT NO. 5, OV-104, SLOT 3	11-20-85	EH	M. POURASSEF
20935	MISSION CONTROL CENTER CATEGORY LIST, FINAL	12-31-85	DE	P. GLENN
20936	TETHER SATELLITE SYSTEM ORBIT DETERMINATION ANALYSIS REPORT (IN-85-FM-032)	12-28-85	FM	S. W. STROM
20937	STS 61-E SPACELAB REFERENCE DATA, ASTRO-1, FINAL	02-19-86	DF	J. F. BRITTON P. J. CERNA

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20947	STS 82-A CARGO SYSTEMS MANUAL- AFP 675, PRELIMINARY	01-15-86	DH	J. C. BUSS
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20950	FLIGHT OPERATIONS SUPPORT PERSONNEL TRAINING GUIDE DATA RECONFIGURATION OFFICE	05-25-87	DG	
20951	ORBITER/SPACE STATION ALTERNATIVE OPERATIONAL APPROACHES (IN-85-FM-033)	02-28-86	FM	C. ANDERSON
20954	SHUTTLE TRAINING AIRCRAFT ADAS FLIGHT SOFTWARE USER'S GUIDE	07-28-87	CC	V. WATKINS
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20963	MISSION 81-C SHUTTLE ORBITER INERTIAL MEASUREMENT UNIT S/N 0010, PRE-FLIGHT REPORT NO. 1, OV-102, SLOT 3	12-11-85	EH	M. POURASSEF
20964	MISSION 81-C SHUTTLE ORBITER INERTIAL MEASUREMENT UNIT S/N 0023, PRE-FLIGHT REPORT NO. 1, OV-102, SLOT 2	12-11-85	EH	M. POURASSEF
20965	STS 5 CATALOG OF SPACE SHUTTLE EARTH OBSERVATIONS HAND-HELD PHOTOGRAPHY	01-28-86	SN	R. M. NELSON
20967	EXPERT AND NONEXPERT SEARCH TASK PERFORMANCE WITH CURRENT AND REFORMATTED SPACE SHUTTLE DISPLAYS	12-28-86	SP	M. J. BURNS M. RUDISILL D. L. WARREN
20969	ENVIRONMENTAL CERTIFICATION PLAN AND REQUIREMENTS DOCUMENT FOR THE ORBITER EXPERIMENTS AUTONOMOUS SUPPORTING INSTRUMENTATION	03-28-87	EX	R. B. SCHUCK
20971	MISSION 81-C SHUTTLE ORBITER INERTIAL MEASUREMENT UNIT S/N 0024, PRE-FLIGHT REPORT NO. 1, OV-102, SLOT 1	12-11-85	EH	C. D. LERMA

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20976	JSC CONTROLLED MODE TELEPHONE CHANGE PROCESSING PROCEDURES	12-28-85	FD	T. C. PAULOS
20979	ANALYTICAL SOLUTION FOR TETHER LENGTH DURING DEPLOY AND RETRIEVAL PHASES OF A TETHERED SATELLITE MISSION (IN-85-FM-035)	03-28-86	FM	V. R. BOND
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20982	SAIL LIBRARY INSTALLATION AND TRACKING SYSTEM PROGRAMMER'S MANUAL	12-28-85	BF	P. T. WILSON
20984	BEARINGLESS TURBINE FLOWMETER PERFORMANCE EVALUATION-VIBRATION SCREENING PHASE	03-06-86	EP	J. M. SERIALE-GRUSH
20985	STS 81-J RENDEZVOUS, HUBBLE SPACE TELESCOPE, PRELIMINARY	01-23-86	DH	R. R. KREUTZMAN
20986	COMPOUND COLUMN SYSTEM BUCKLING ANALYSIS	12-28-85	ES	W. M. KOOP
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20991	THE GENERALIZED INPUT PROCESSOR (QQINPT) USER'S GUIDE, SVDS CONFIGURATION (IN-85-FM-034)	12-28-85	FM	D. M. BRALEY
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22500	PHASE III GROUND SAFETY REPORT FOR SHARE PAYLOAD	03-28-87	EX	E. A. WEISBLATT
22502	MOD STSOC CHANGE REQUEST TRACKING APPLICATION PRELIMINARY DESIGN SPECIFICATIONS	04-28-87	DC	M. SECHELSKI
22503	MOD STSOC CHANGE REQUEST TRACKING APPLICATION TEST PLAN SPECIFICATIONS	04-28-87	FD	M. SECHELSKI
22504	FMEA FOR THE RESUSCITATOR AND PATIENT RESCUER RESTRAINT SYSTEM			
22508	MOD STSOC CHANGE REQUEST TRACKING APPLICATION USER'S GUIDE	06-28-87	DC	M. SECHELSKI
22509	PAYLOAD SUPPORT WORKSTATION DETAILED DESIGN SPECIFICATION	04-03-87	FS	L. A. BREWER

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22510	FLIGHT ANALYSIS SYSTEM EXECUTIVE ARCHITECTURE	03-28-87	FD	M. R. GNABASIK
22512	THE PROGRAMS TRAJ1 AND TRAJ2 (IN-87-FM-004)	04-28-87	FM	W. M. LEAR
22513	CATALOG OF SPACE SHUTTLE EARTH OBSERVATIONS HAND-HELD PHOTOGRAPHY-STS 61-B MISSION	03-28-87	SN	J. M. DISLER R. M. NELSON W. F. PALMER
22514	DATA PROCESSING SYSTEMS DIVISION FEBRUARY 1987 NEAR-TERM PLAN	04-28-87	FD	K. HEIDEMANN J. PITTMAN
22522	CATALOG OF SPACE SHUTTLE EARTH OBSERVATIONS HAND-HELD PHOTOGRAPHY-STS 61-C MISSION	05-28-87	SN	R. M. NELSON
22526	PAM DEPLOY CHECKLIST OMP-GPS, SKYNET, BASIC, FLIGHT DATA FILE	06-24-87	DH	M. KASINGER
22528	TEST REPORT FOR THE RENDEZVOUS/PROXIMITY OPERATIONS TRAJECTORY CONTROL EXPERT SYSTEM (IN-87-FM-005)	04-28-87	FM	D. C. BOCHSLER M. A. GOODWIN
22529	IMU ATTITUDE MEASUREMENT ERROR VARIANCE ESTIMATOR (IN-87-FM-006)	09-28-87	ES	R. W. CORSON H. L. TILLET
22531	ZERO-G VENT DEVELOPMENT TEST FLIGHT 1-5	07-17-87	EP	M. DOWNEY N. MUNOZ
22534	FLIGHT SOFTWARE RELIABILITY AND QUALITY ASSURANCE REQUIREMENTS	04-10-87	FR	E. J. KENYON R. A. PLUNKETT
22535	PRECESSIONAL, NUTATIONAL, AND EARTH ROTATIONAL TRANSFORMATIONS BASED ON STANDARD EPOCH OF J2000 (IN-87-FM-007)	06-28-87	FM	V. R. BOND
22536	COMPARISON OF DESIGN METHODS WITH TEST DATA FOR STRUCTURES FABRICATED OF CROSS-RULED BERYLLIUM SHEET	04-28-87	ES	H. C. KAVANAUGH
22537	ATTITUDE AND POINTING PROGRAM DOCUMEN- TATION, PRELIMINARY	04-28-87	DH	R. KHATRI
22539	ENGINEERING AND SCIENCE BUSINESS SYSTEM DESK REFERENCE	04-28-87	BJ	R. JACKSON M. SULLIVAN
22540	CATALOG OF SPACE SHUTTLE EARTH OBSERVATIONS HAND-HELD PHOTOGRAPHY-STS 51-C MISSION	06-28-87	SN	C. L. DAILEY J. M. DISLER R. M. NELSON B. S. NOWAKOWSKI
22541	CATALOG OF SPACE SHUTTLE EARTH OBSERVATIONS HAND-HELD PHOTOGRAPHY-STS 51-J MISSION	06-28-87	SN	J. M. DISLER
22543	SPECIFICATION FOR THE EVALUATION OF OXYGEN INTERACTION WITH MATERIALS-III PULSE CODE MODULATION SYSTEM	07-28-87	EX	J. W. TAYLOR
22545	PROGRAM REQUIREMENTS DOCUMENT FOR THE SHUTTLE ORBITER BLEEY UPGRADE MODIFI- CATIONS, PHASE II	08-28-87	SP	D. A. CROUCH
22551	"LANDMARK" NAVIGATION AROUND MARS (IN-87-FM-008)	05-28-87	FM	W. M. LEAR
22552	CLIPS REFERENCE MANUAL, VERSION 4.0 (IN-87-FM-009)	03-28-87	FM	C. J. CULBERT
22553	VENDOR SURVEY-UPPER LAYER PROTOCOLS FOR THE END-TO-END TEST BED EFFORT	04-28-87	FD	E. L. EVANS
22560	FOOD SUPPLY AND SERVICE SYSTEM COMPUTER MODEL USER'S MANUAL	05-27-87	SP	B. A. THURMOND

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22583	ORBITER MODULAR STORAGE LOCKER MODIFICATION PROGRAM REQUIREMENTS DOCUMENT	06-28-87	SP	J. B. THOMAS
22584	TURBINE/DELTA-P TWO-PHASE ZERO-G FLOWMETER TEST	08-23-87	EP	R. S. BAIRD S. W. BURGE
22585	INVESTIGATION REPORT OF THE TUNNEL INCIDENT, JSC BUILDING 17 (SENSITIVE DOCUMENT - LIBRARY WILL NOT RECEIVE COPIES)	06-28-87	SP	J. L. LEWIS
22587	TEMPERATURE CYCLING EFFECTS ON FIBER OPTICS IN A VACUUM CHAMBER	07-28-87	EL	J. L. GRADY
22572	FMEA FOR THE OPERATIONAL WATER DISPENSER AND CONTINGENCY WATER DISPENSER	08-28-87	NB	J. H. JOHANSEN
22578	LUNAR MISSIONS GUIDE	09-01-87	ED	R. B. BRISTOW
22580	MOD PROJECTS BUDGET LEVEL A REQUIREMENTS	07-28-87	DC	J. OWEN
22581	PROJECT STATUS DETAILED DESIGN SPECIFICATION	06-28-87	DC	S. LE FLORE
22582	MOD STSOC CHANGE REQUEST TRACKING APPLICATION SYSTEM MANUAL	07-28-87	DC	M. SECHELSKI
22586	AN OVERVIEW OF NEUTRAL NETWORK TECHNOLOGY (IN-87-FM-010)	12-28-87	FM	L. A. HSU G. MARTINEZ J. A. VILLAREAL P. BAFFES
22588	SAFETY, RELIABILITY, AND QUALITY ASSURANCE PLAN FOR THE SHUTTLE ORBITER GALLEY UPGRADE MODIFICATIONS, PHASE II	06-28-87	SP	D. A. C. JUCH
22589	JSC ENGINEERING AND SCIENCE NETWORK MASTER PLAN	06-01-87	SP	L. PADULA
22590	DATA PROCESSING SYSTEMS DIVISION JUNE 1987 NEAR-TERM PLAN	07-28-87	FD	P. T. MCLAIN
22596	RECERTIFICATION PLAN FOR THE SHUTTLE ORBITER GALLEY UPGRADE MODIFICATIONS, PHASE II	08-28-87	SP	D. A. CROUCH
22599	PERSONNEL APPLICATION SYSTEM MANUAL	07-28-87	DC	M. ACKER L. SAITERFIELD
22602	CREW ACTIVITY PLAN OMP, CYCLE 1 TRAJECTORY, BASIC, FLIGHT DATA FILE	07-01-87	DH	M. K. GERBICH
22603	MIPS-THE GOOD, THE BAD, AND THE USEFUL	06-28-87	FD	J. K. RICHARDSON
22606	AERODYNAMIC COEFFICIENT IDENTIFICATION PACKAGE ROTATING TABLE USER OPERATING AND MAINTENANCE MANUAL	06-28-87	EX	J. W. TAYLOR
22608	HUMAN PERFORMANCE ASPECTS OF CURSOR CONTROL DEVICES	06-28-87	FD	D. A. MURATORE
22609	PAYLOAD SYSTEMS DATA AND MALFUNCTION PROCEDURES, OMP, FLIGHT DATA FILE, BASIC	07-28-87	DH	K. A. KLEIN
22611	FMEA FOR THE ORBITER SIDE HATCH SAFETY LOCK, BASIC	06-29-87	NB	J. H. JOHANSEN
22615	POST-INTEGRATION OMP - FLIGHT DATA FILE, BASIC (REV. A)	10-28-87	DH	D. J. JACKSON
22619	TEST PLAN FOR THE GLOBAL POSITIONING SYSTEM FLIGHT TEST AT THE NASA JOHN F. KENNEDY SPACE CENTER, FLORIDA	06-28-87	EE	W. ABOUCHI L. E. MERKEL M. C. ROBEL

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22620	LOCKHEED THERMAL BUS AMBIENT TEST QUICK-LOOK REPORT	06-18-87	EC	J. PATRICK M. SCANLON G. STARKS
22626	QUALITY ASSURANCE SUPPORT PLAN FOR THE AVIONICS SYSTEMS DIVISION, BASIC	08-28-87	ND	L. C. SHAW
22628	COMPUTER FACILITY OPERATIONS PLAN, BASIC	07-20-87	SP	L. PADULA
22629	SYSTEM CONTROL MODULE/SHUTTLE AVIONICS INTEGRATION LAB COMPATIBILITY TEST REQUIREMENTS DOCUMENT	07-28-87	EX	D. FAVORS S. PIERRE
22631	PERFORMANCE EVALUATION OF THE HAMILTON STANDARD 22 CELL ELECTROLYZER	09-30-87	EP	D. R. SAUCIER
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22641	SAFETY ANALYSIS REPORT FOR STS FLIGHT CREW EQUIPMENT BUNGEEES, RESTRAINT DEVICES, RE- TENTION STRAPS	05-28-87	SP	T. R. TINSLER
22642	SAFETY ANALYSIS REPORT FOR TREADMILL EXERCISER ASSEMBLY	05-28-87	SP	T. R. TINSLER
22643	SAFETY ANALYSIS REPORT FOR SHUTTLE ORBITER IN-FLIGHT FOOD WARMER	07-28-87	SP	T. R. TINSLER
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22650	SAFETY HAZARD ANALYSIS REPORT FOR THE WATER DISPENSER	07-28-87	SP	V. ZAVALA
22653	EXTRAVEHICULAR ACTIVITY RETRIEVER PHASE I TEST REQUIREMENTS AND TEST PLAN DOCUMENT, BASIC	09-28-87	EC	C. HESS
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22657	KNOWLEDGE REQUIREMENTS FOR THE ONBOARD NAVI- GATION CONSOLE EXPERT/TRAINER SYSTEM, ENTRY PHASE SPECIFICATIONS, BASIC (IN-87-FM-015)	10-28-87	FM	W. L. BROWN
22658	SATELLITE SERVICES SYSTEM BOOK OF KEY ISSUES	08-28-87	EX	G. RYSAVY
22659	100 NSI FAILURE INVESTIGATION	07-30-87	EP	K. POAST D. SAUCIER
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22665	SHUTTLE MISSION TRAINING FACILITY, STEP 2 UPGRADE DEFINITION	08-28-87	FS	A. M. GORSKI S. H. HINSON
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22672	SAFETY ANALYSIS REPORT FOR STS PORTABLE COMPUTERS	08-28-87	SP	T. R. TINSLER

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22675	CTSL - DARS USER'S GUIDE (OPERATOR) FOR THE CREW AND THERMAL SYSTEMS LABORATORY DATA ACQUISITION AND RECORDING SYSTEM	07-28-87	EC	F. A. BURGETT L. E. EL-SHEDRAWAY R. W. KRUSE B. E. POND
22676	CTSL - DARS USER'S GUIDE (MANAGER) FOR THE CREW AND THERMAL SYSTEMS LABORATORY DATA ACQUISITION AND RECORDING SYSTEM	08-28-87	EC	F. A. BURGETT L. E. EL-SHEDRAWAY R. W. KRUSE B. E. POND
22678	CTSL - DARS USER'S GUIDE (OBSERVER) FOR THE CREW AND THERMAL SYSTEMS LABORATORY DATA ACQUISITION AND RECORDING SYSTEM	08-28-87	EC	F. A. BURGETT L. E. EL-SHEDRAWAY R. W. KRUSE B. E. POND
22681	STABILITY ANALYSIS OF TETHERED SATELLITE MOTION (IN-87-FM-016)	09-11-87	FM	V. R. BOND V. HOLLOMAN
22686	CREW AND EQUIPMENT TRANSLATION AIDS CONCEPT STUDY	08-24-87	ES	N. R. GONZALEZ
22699	DC4 REQUEST FORM-TRACKING PRELIMINARY DESIGN SPECIFICATIONS	11-28-87	DC	M. T. SECHELSKI
22709	JSC PROCEDURE FOR SAFETY, RELIABILITY, AND QUALITY ASSURANCE SURVEYS, BASIC	08-28-87	ND	H. BRIGGS
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22726	PC NOMAD PERFORMANCE ASSESSMENT	10-28-87	FD	D. L. BRYAN M. F. CARTER R. M. PEARSON
22731	INVESTIGATION OF SHUTTLE MAIN PROPULSION SYSTEM GASEOUS OXYGEN FLOW CONTROL VALVE IGNITION INCIDENT DURING IMPACT CERTIFICATION	10-21-87	EP	J. BENNETT J. MCGEE G. B. MORRIS L. RHODES
22735	NASA PERSONNEL/PAYROLL SYSTEM SOFTWARE REQUIREMENTS SPECIFICATION	11-28-87	DC	E. BAUGH
22740	SHUTTLE-C OPERATION CONCEPT DOCUMENT, PRELIMINARY	10-30-87	DF	D. J. WEBB
22743	DATA PROCESSING SYSTEM DIVISION NEAR-TERM OCTOBER 1987 PLAN, VOLUME 1	11-28-87	FD	P. T. MCLAIN
22745	SYSTEM INTEGRATION AND FLIGHT SOFTWARE RETURN TO FLIGHT DESIGN CERTIFICATION REVIEW PLAN - NATIONAL SPACE TRANSPORTATION SYSTEM	10-30-87	WE	J. A. RICHART
22757	SIMULATION OF THE AURORAL CHARGING ENVIRONMENT IN CHAMBER A-AN ASSESSMENT OF CHARGING STUDIES OF MAN-SIZE OBJECTS	11-28-87	SN	W. BERNSTEIN A. KONRADI B. MCINTYRE
22758	STRUCTURAL TEST OF THE SPACE STATION HEAT PIPE ADVANCED RADIATOR ELEMENT PEDESTALS	11-28-87	ES	T. X. DAO
22778	NSTS SAFETY, RELIABILITY, MAINTAINABILITY, AND QUALITY ASSURANCE ASSESSMENT REPORT			
22782	NATIONAL SPACE TRANSPORTATION SYSTEM PROBLEM REPORTING AND CORRECTIVE ACTION MANAGEMENT PLAN	12-28-87	ND	T. J. ADAMS

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22794	A SYSTEM INDEPENDENT COMPUTER GRAPHICS CAPABILITY	11-28-87	ES	J. E. ROGERS
22800	ORBITER BULK INSULATION BLANKET THERMAL DEGRADATION ANALYSIS AND TEST FOR TYPE IV AND TYPE V BLANKETS	12-28-87	ES	J. D. MILHOAN C. R. ORTIZ
24359	CSTL-DARS USER'S GUIDE (INSTRUMENTATION ENGINEER) FOR THE CREW AND THERMAL SYSTEMS LABORATORY DATA ACQUISITION AND RECORDING SYSTEM	08-28-87	EC	F. A. BURGETT L. E. EL-SHEDRAWAY R. W. KRUSE B. E. POND
30000	SPACE STATION PROGRAM DEFINITION AND REQUIREMENTS	10-15-85	PE	N. B. HUTCHINSON
30202	SPACE STATION PRE-LAUNCH/POST-LANDING OPERATIONS PLAN, BASIC	12-15-87	PE	
30203	SPACE STATION ON-ORBIT MAINTENANCE OPERATIONS PLAN, BASIC	01-15-87	PE	
30204	AUTOMATION AND ROBOTICS PROCESS REQUIREMENTS (REV. A)	02-15-87	PE	M. D. HOLLEY
30205	EXTERNAL THERMAL ENVIRONMENT DATA BASE GEOMETRIC MATH MODEL AND DATA FORMAT	06-29-85	PB	J. W. ORSAG
30206	EXTERNAL THERMAL ENVIRONMENT DATA BASE THERMAL MATH MODEL AND DATA FORMAT	06-29-85	ES	S. J. THOMAS
30207	INTEGRATED LOGISTICS SUPPORT PLAN, BASIC	12-01-86	PE	C. N. CREW
30210	MAN-TENDED APPROACH STUDY MANAGEMENT PLAN	07-06-85	PE	L. E. LIVINGSTON
30211	MAN-TENDED APPROACH REFERENCE CONFIGURATION	07-06-85	PE	L. E. LIVINGSTON
30213	SPACE STATION PROGRAM DESIGN CRITERIA AND PRACTICES, BASIC	04-15-86	PE	T. EDWARDS
30216	SPACE STATION MAINTAINABILITY PROCESS REQUIREMENTS, BASIC	12-30-86	PE	
30218	SPACE STATION-A MAN-TENDED APPROACH	05-28-86	PB	L. E. LIVINGSTON
30219	SPACE STATION REFERENCE COORDINATE SYSTEMS, BASIC	12-15-86	PE	
30221	CUSTOMER REQUIREMENTS FOR STANDARD SERVICES DATA BOOK	06-30-86	PD	A. R. JOHNSON
30222	CUSTOMER SERVICING REQUIREMENTS DATA BOOK, BASIC	05-15-86	PE	J. BELL
30223	PROBLEM REPORTING AND CORRECTIVE ACTION SYSTEM REQUIREMENTS FOR THE SPACE STATION PROGRAM, BASIC	01-15-87	PE	
30224	TECHNICAL AND MANAGEMENT INFORMATION SYSTEM PHASE ONE-MASTER PLAN	06-30-86	PE	K. CLARK
30225	SPACE STATION INFORMATION SYSTEM ARCHITECTURE DEFINITION DOCUMENT (REV. A)	01-15-87	FS	G. HECTOR
30226	TECHNICAL AND MANAGEMENT INFORMATION SYSTEM FUNCTIONAL REQUIREMENTS DOCUMENT	06-30-86	PE	J. D. DERBORNE
30233	SPACE STATION REQUIREMENTS FOR MATERIALS AND PROCESSES (SEE JSC 20149)	05-30-86	PE	

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30236	SPACE STATION ELECTROMAGNETIC EFFECTS CONTROL PROCESS REQUIREMENTS, BASIC	12-01-86	PE	
30251	SPACE STATION IONIZING RADIATION EFFECTS CONTROL PROCESS REQUIREMENTS, BASIC	12-01-86	PE	
30252	SPACE STATION PLASMA EFFECTS CONTROL PROCESS REQUIREMENTS, BASIC	12-01-86	PE	
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30261	ARCHITECTURAL CONTROL DOCUMENT-DATA MANAGEMENT SYSTEM, BASIC	01-15-87	PE	
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30286	SPACE STATION OPERATIONS PROCESS REQUIREMENTS, BASIC	10-31-86	PE	
30309	INSTRUCTIONS FOR PREPARATION OF HAZARD ANALYSES FOR THE SPACE STATION, BASIC	01-15-87	PE	
30312	ELECTRICAL, ELECTRONIC, AND ELECTROMECHANICAL PARTS MANAGEMENT AND IMPLEMENTATION PLAN FOR SPACE STATION PROGRAM, BASIC	01-15-87	PE	
30313	SPACE STATION RELIABILITY/MAINTAINABILITY ANALYSIS MANUAL, BASIC	01-15-87	PE	
30420	SPACE STATION ELECTROMAGNETIC, IONIZING RADIATION, AND PLASMA ENVIRONMENT DEFINITION AND DESIGN REQUIREMENTS, BASIC	12-01-86	PB	
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30431	INTERFACE REQUIREMENTS DOCUMENT-SERVICING FACILITY, TRUSS ASSEMBLY, BASIC	01-15-87	PE	
30432	INTERFACE REQUIREMENTS DOCUMENT-SOLAR POWER MODULE/TRUSS ASSEMBLY, BASIC	01-15-87	PE	
30433	INTERFACE REQUIREMENTS DOCUMENT-MODULE/TRUSS ASSEMBLY, BASIC	01-15-87	PE	
30434	INTERFACE REQUIREMENTS DOCUMENT-TELEROBOTIC ASSEMBLY/SPACE STATION, BASIC	01-15-87	PE	
30435	INTERFACE REQUIREMENTS DOCUMENT-PRESSURIZED LOGISTICS CARRIER/SPACE STATION, BASIC	01-15-87	PE	
30436	INTERFACE REQUIREMENTS DOCUMENT-UNPRESSURIZED LOGISTICS CARRIER/SPACE STATION, BASIC	01-15-87	PE	
30440	INTERFACE REQUIREMENTS DOCUMENT-NATIONAL SPACE TRANSPORTATION SYSTEM/SPACE STATION, BASIC	01-15-87	PE	
30441	INTERFACE REQUIREMENTS DOCUMENT-ORBITAL MANEUVERING VEHICLE/SPACE STATION, BASIC	01-15-87	PE	
30444	INTERFACE REQUIREMENTS DOCUMENT-JAPANESE EXPERIMENT MODULE LABORATORY AND EXPOSED FACILITY/SPACE STATION, BASIC	01-15-87	PE	
30445	INTERFACE REQUIREMENTS DOCUMENT-COLUMBUS LABORATORY/SPACE STATION, BASIC	01-15-37	PE	
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30469	RESOURCE ALLOCATION PROCESS REQUIREMENTS, BASIC	12-15-86	PE	
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30473	SPACE STATION CUSTOMER/EXPERIMENTS VERIFICATION PROCESS REQUIREMENTS, BASIC	12-30-86	PE	
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30501	ARCHITECTURAL CONTROL DOCUMENT-SPACE STATION SERVICING SYSTEM, BASIC	01-15-87	PE	
30502	ARCHITECTURAL CONTROL DOCUMENT-ASSEMBLY AND MAINTENANCE, BASIC	01-15-87	PE	
30503	SPACE STATION PROGRAM/NATIONAL SPACE TRANSPORTATION SYSTEM INTERFACE REQUIREMENTS, BASIC	12-15-86	PE	
31010	SPACE STATION PROJECTS OFFICE CONFIGURATION MANAGEMENT MANUAL	11-28-85	KX	C. COVINGTON
32001	CONCEPTUAL SKETCHES FOR SPACE STATION MODULE OUTFITTING, FIRST EDITION	09-28-85	SP	J. FRASSANITO
32002	SPACE STATION HATCH STUDY, FIRST EDITION	12-28-85	SP	
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