

DOCKET NO. **SA- 516**

EXHIBIT NO. **23E**

**NATIONAL TRANSPORTATION SAFETY BOARD
WASHINGTON, D.C**

**TEST ITEM REQUIREMENTS LIST (TIRL)
INSTRUMENTATION LOCATIONS
FLIGHT TEST SCHEDULE**

(45 Pages)

TEST ITEM REQUIREMENTS LIST

TEST ITEM CODE: B2.23.0039 ENA/PROJ CNTL NO: 4S-4C065
 AIRPLANE: RA028 AP MODEL NO: 747-100
 TITLE: 747-100 CENTER WING TANK TEMPERATURE AND PRESSURE INVESTIGATION
 PURPOSE OF TEST:
 TO OBTAIN SURFACE AND AMBIENT TEMPERATURE DATA OF THE CENTER WING TANK AND WING
 TIP SURGE TANKS ON THE GROUND AND DURING SPECIFIC FLIGHT CONDITIONS OF A 747-100

07/17/97 0903
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FLT TEST SPEC SECTION NO: TIA NO:
 MILITARY NO (TD OR TIS): PROJECT NO: TMA000
 TECHNOLOGY CODE: P FLIGHT TEST GROUP CODE: EP SEARCH CODE:
 CHIEF ENGINEER:
 PERSONNEL
 RESP FT ENGR: SPADJP PETERS, DANIEL, J PHONE NO ORG NO N/S
 655-5700 B-KF03 14-KK
 DIVISION ENGR:
 DIVISION DER:
 FT TEST OPERATIONS: VANMORTWICK, MICHAEL, H 342-0029 B-KE04 0F-00
 FT GROUND OPERATIONS: REED, DWIGHT, Y 342-0045 B-KE03 0F-00
 FT INSTRUMENTATION: PUGH, ROBERT, L 342-2654 B-KD04 0F-00
 TEST ITEM CREATION DATE: 06/17/97
 ADMINISTRATIVE REVISOR: PETERS, DANIEL, J DATE: 07/09/97 TIME: 21:56
 INSTRUMENTATION REVISOR: ODOMD, MICHAEL, D DATE: 07/08/97 TIME: 12:17

TEST ITEM SCHEDULE INFORMATION

SHORT TITLE: 747-100 CWT TEMP/PRESS MEAS

TEST READINESS DATE:
 TEST COMPLETION DATE:
 DATA REQUIRED DATE:

ACTUAL TEST ITEM COMPLETION DATE:

	---- FLIGHT TEST ----		---- GROUND TEST ----		LAST REVISED
	DEDICATED HOURS	CONCURRENT HOURS	DEDICATED HOURS	CONCURRENT HOURS	
BASELINE ESTIMATE	0+00	0+00	0+00	0+00	
PROGRAM ESTIMATE	20+00	0+00	0+00	0+00	06/17/97
CURRENT ESTIMATE	0+00	0+00	0+00	0+00	
ACTUAL HOURS	0+00	0+00	0+00	0+00	

% OF HOURS COMPLETED 0%

TOTAL CONDITIONS: FLIGHT 0 GROUND 0 OUTSTANDING CONDITIONS: FLIGHT 0 GROUND 0

SCHEDULING COMMENTS:
 PLANE MUST BE INSTRUMENTED ON JULY 7-9, 1997. FLIGHT TEST WILL OCCUR JU
 LY 10-13, 1997

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UML RECORD IDS: TRM-GPS 4118 4119 4120

APPLICATION PROGRAMS:

KEYFILE TABLES:

GC EQUATIONS:

SNAPSHOT:

PLOT DESCRIPTORS:

DIRECT INPUT MEASUREMENTS:

TH/CALMS MEASUREMENTS:

THE TOTAL NUMBER OF UNIQUE FTIR MEASUREMENTS ON THIS TIRL IS 209

- TEST OUTLINE:
- TESTING PREREQUISITES:
- AIRPLANE CONFIGURATION COMMENTS:
- INSTRUMENTATION COMMENTS:
- NEW DATA REDUCTION REQUIREMENTS:
- UNIQUE SUPPORT EQUIPMENT & FACILITIES:
- OUTSIDE LAB SUPPORT:
- TESTING LIMITATIONS:
- METHOD OF EVALUATION AND REPORTING REQUIREMENTS:
- TEST SUCCESS CRITERIA:
- ENGINEERS COMMENTS:

UML NO	TRM-GPS	TITLE	TRIMBLE GPS / IRU UNIT	AUXILIARY LIMITS		UNITS
		MEAS NO	DATA TITLE	LOWER	UPPER	
		1840000	PRES POS LAT TRM-GPS 310	-90.	90.	DEG
		1840001	PRES POS LON TRM-GPS 311	-180.	180.	DEG
		1840002	GROUND SPEED TRM-GPS 312	-4096.	4096.	KNOTS
		1840003	TRUE HEADING TRM-GPS 314	0.	360.	DEG
		1840004	PITCH ANGLE TRM-GPS 324	-180.	180.	DEG
		1840005	ROLL ANGLE TRM-GPS 325	-180.	180.	DEG
		1840006	BDY PITCH RT TRM-GPS 326	-120.	120.	DEG/S
		1840007	BODY ROLL RT TRM-GPS 327	-120.	120.	DEG/S
		1840008	BODY YAW RT TRM-GPS 330	-120.	120.	DEG/S
		1840009	BARO 1 ALT TRM-GPS 284	-131072	131072.	FEET
		1840010	UTC FINE TRM-GPS 140	0.	1.	SECOND
		1840011	UTC HOUR TRM-GPS 150	0.	25.	HOUR
		1840012	UTC MINUTES TRM-GPS 150	0.	59.	MINUTE
		1840013	DAY ONES TRM-GPS 260	0.	0.	
		1840014	MONTH ONES TRM-GPS 260	0.	0.	
		1840015	YEAR ONES TRM-GPS 260	0.	0.	
		1840016	DAY TENS TRM-GPS 260	0.	0.	
		1840017	MONTH TENS TRM-GPS 260	0.	0.	
		1840018	YEAR TENS TRM-GPS 260	0.	0.	
		1840019	IRS ALTITUDE TRM-GPS 361	-131072	131072.	FEET
		1840020	UTC SECONDS TRM-GPS 150	0.	59.	SECOND
		1840021	GPS ALT TRM-GPS 076	-131072	131072.	FEET
		1840022	HDOP TRM-GPS 101	0.	1024.	
		1840023	VDOP TRM-GPS 102	0.	1024.	
		1840024	LATITUDE TRM-GPS 110	-180.	180.	DEGREE
		1840025	GPS GND SPD TRM-GPS 112	0.	4096.	KNOTS
		1840026	FINE LAT WD TRM-GPS 120	0.	0.	DIM
		1840027	LAT FINE TRM-GPS 120	0.	.000172	DEGREE
		1840028	FINE LON WD TRM-GPS 121	0.	0.	DIM
		1840029	LON FINE TRM-GPS 121	0.	.000172	DEGREE
		1840030	UTC BCD FMT TRM-GPS 125	0.	0.	
		1840031	VRT FIG MRT TRM-GPS 136	0.	32768.	FEET
		1840032	GPS N-S VEL TRM-GPS 166	0.	4096.	KNOTS
		1840033	GPS E-W VEL TRM-GPS 174	0.	4096.	KNOTS
		1840034	H FIG/MERIT TRM-GPS 247	0.	18.	NM
		1840035	GPSSU STATUS TRM-GPS 273	0.	0.	
		1840036	SATS TRACKED TRM-GPS 273	0.	15.	
		1840037	SATS IN VIEW TRM-GPS 273	0.	15.	
		1840038	GPSSU MODE TRM-GPS 273	0.	7.	
		1840039	LONGITUDE TRM-GPS 111	-180.	180.	DEGREE

UML NO	4118	TITLE	SURFACE TEMPS TWA 800	AUXILIARY LIMITS		UNITS
		MEAS NO	DATA TITLE	LOWER	UPPER	
		6170243	S/T #1R BODY RIB IN CWT	-60.	250.	DEG F
		6170244	S/T #2R BODY RIB IN CWT	-60.	250.	DEG F
		6170245	S/T #3R BODY RIB IN CWT	-60.	250.	DEG F
		6170246	S/T #4R BODY RIB IN CWT	-60.	250.	DEG F
		6170247	S/T #1L BODY RIB IN CWT	-60.	250.	DEG F
		6170248	S/T #2L BODY RIB IN CWT	-60.	250.	DEG F
		6170249	S/T #3L BODY RIB IN CWT	-60.	250.	DEG F
		6170250	S/T #4L BODY RIB IN CWT	-60.	250.	DEG F

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TEST ITEM REQUIREMENTS LIST

6170253	S/T FRONT LT	EXT CNT BTM	-60.	250.	DEG F
6170254	S/T REAR LT	EXT CNT BTM	-60.	250.	DEG F
6170255	S/T #1 INT	CNT TOP	-60.	250.	DEG F
6170256	S/T #2 INT	CNT TOP	-60.	250.	DEG F
6170257	S/T #3 INT	CNT TOP	-60.	250.	DEG F
6170258	S/T XFEED	TUBE	-60.	250.	DEG F
6170259	S/T RT INT	REAR SPAR	-60.	250.	DEG F
6170260	S/T LT INT	REAR SPAR	-60.	250.	DEG F
6170261	S/T LT PACK	FLOW VALVE	-60.	250.	DEG F
6170262	S/T CEN PACK	FLOW VALVE	-60.	250.	DEG F
6170263	S/T RT PACK	FLOW VALVE	-60.	250.	DEG F
6170267	S/T EXH LVR	HEAT EXCHNGR	-60.	250.	DEG F
6170268	S/T EXH LVR	HEAT EXCHNGR	-60.	250.	DEG F
6170269	S/T EXH LVR	HEAT EXCHNGR	-60.	250.	DEG F
6170270	S/T LT OUTLT	H2O SEPERATR	-60.	250.	DEG F
6170271	S/T CEN OUTLT	H2O SEPERATR	-60.	250.	DEG F
6170272	S/T RT OUTLT	H2O SEPERATR	-60.	250.	DEG F
6170354	S/T #1 LBLE50	EXT CNT BTM	-60.	250.	DEG F
6170355	S/T #2 LBLE50	EXT CNT BTM	-60.	250.	DEG F
6170356	S/T #3 LBLE50	EXT CNT BTM	-60.	250.	DEG F
6170357	S/T #4 LBLE50	EXT CNT BTM	-60.	250.	DEG F
6170358	S/T #5 LBLE50	EXT CNT BTM	-60.	250.	DEG F
6170359	S/T #6 LBLE50	EXT CNT BTM	-60.	250.	DEG F
6170360	S/T #7 LBLE50	EXT CNT BTM	-60.	250.	DEG F
6170361	S/T #8 LBLE50	EXT CNT BTM	-60.	250.	DEG F
6170362	S/T #9 LBLE50	EXT CNT BTM	-60.	250.	DEG F
6170363	S/T #10 LBLE50	EXT CNT BTM	-60.	250.	DEG F
6170364	S/T#1 RBLE50	EXT CNT BTM	-60.	250.	DEG F
6170365	S/T#2 RBLE50	EXT CNT BTM	-60.	250.	DEG F
6170366	S/T#3 RBLE50	EXT CNT BTM	-60.	250.	DEG F
6170367	S/T#4 RBLE50	EXT CNT BTM	-60.	250.	DEG F
6170368	S/T#5 RBLE50	EXT CNT BTM	-60.	250.	DEG F
6170369	S/T#6 RBLE50	EXT CNT BTM	-60.	250.	DEG F
6170370	S/T#7 RBLE50	EXT CNT BTM	-60.	250.	DEG F
6170371	S/T#8 RBLE50	EXT CNT BTM	-60.	250.	DEG F
6170372	S/T#9 RBLE50	EXT CNT BTM	-60.	250.	DEG F
6170373	S/T#10 RBLE50	EXT CNT BTM	-60.	250.	DEG F
5441026	A/CBAY CNT	SURF TEMP #6	50.	150.	DEG F
5441027	A/CBAY CNT	SURF TEMP #7	50.	150.	DEG F
5441028	A/CBAY CNT	SURF TEMP #8	50.	150.	DEG F
5441029	A/CBAY CNT	SURF TEMP #9	50.	150.	DEG F
5441030	A/CBAY CNT	SURF TEMP #10	50.	150.	DEG F
5441031	A/CBAY CNT	SURF TEMP #11	50.	150.	DEG F
5441032	A/CBAY CNT	SURF TEMP #12	50.	150.	DEG F
5441033	A/CBAY CNT	SURF TEMP #13	50.	150.	DEG F
5441034	A/CBAY CNT	SURF TEMP #14	50.	150.	DEG F
5441035	A/CBAY CNT	SURF TEMP #15	50.	150.	DEG F
5441036	A/CBAY CNT	SURF TEMP #16	50.	150.	DEG F
5441037	A/CBAY CNT	SURF TEMP #17	50.	150.	DEG F
5441038	A/CBAY CNT	SURF TEMP #18	50.	150.	DEG F
5441039	A/CBAY CNT	SURF TEMP #19	50.	150.	DEG F
5441040	A/CBAY CNT	SURF TEMP #20	50.	150.	DEG F
5441041	A/C PACK 1	HT EX INLET	0.	0.	DEG F
5441042	A/C PACK 1	COMP OUT THP	0.	0.	DEG F
5441043	A/C PACK 2	HT EXCHG TEMP	0.	0.	DEG F
5441044	A/C PACK 2	COMP OUT THP	0.	0.	DEG F
5441045	A/C PACK 3	HT EX INLET	0.	0.	DEG F
5441046	A/C PACK 3	COMP OUTLET	0.	0.	DEG F

UML NO 4119 TITLE ACCELEROMETERS ON CNT

MEAS NO	DATA	TITLE	AUXILIARY LOWER	LIMITS UPPER	UNITS
6170347	ACCEL LONG	AXIS	-30.	30.	G

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TEST ITEM REQUIREMENTS LIST

6170348	ACCEL LAT	AXIS	-30.	30.	G
6170349	ACCEL VAW	AXIS	-30.	30.	G
3067311	AIRSPEED	CAS,CADC #2	50.	650.	KT
3067312	ALTITUDE	CADC #2	-1000.	50000.	FT
3067313	MACH NUMBER	CADC #2	0.	1.	DIM
6170374	PITCH INS		-20.	30.	DEG
6170375	ROLL ATTITUD	INS	-20.	30.	DEG
30101	IND TOTAL	AIR TEMP NO1	-60.	60.	DEG C
6170351	FQIS SYS	VOLTAGE	0.	5.	VAC
6170352	FQIS SYS	CURRENT	0.	5.	AAC
6170342	PRESS	FWD BAY	0.	0.	PSIA
6170343	PRESS BTWN	SWB2&MS	0.	0.	PSIA
6170344	PRESS	REAR BAY	0.	0.	PSIA
6170345	PRESS LT	SURGE TANK	0.	0.	PSIA
6170346	PRESS RT	SURGE TANK	0.	0.	PSIA

UML NO 4120 TITLE AMBIENT TEMPS TWA 000

MEAS NO	DATA	TITLE	AUXILIARY LOWER	LIMITS UPPER	UNITS
6170274	A/T #6	FWD BAY #2	-60.	250.	DEG F
6170277	A/T #6	BAY #3	-60.	250.	DEG F
6170279	A/T #1 LT	FWD BAY #1	-60.	250.	DEG F
6170280	A/T #2 LT	FWD BAY #1	-60.	250.	DEG F
6170281	A/T #3 LT	FWD BAY #1	-60.	250.	DEG F
6170282	A/T #1 RT	FWD BAY #1	-60.	250.	DEG F
6170283	A/T #2 RT	FWD BAY #1	-60.	250.	DEG F
6170284	A/T #3 RT	FWD BAY #1	-60.	250.	DEG F
6170285	A/T #1 LT	FWD BAY #2	-60.	250.	DEG F
6170286	A/T #2 LT	FWD BAY #2	-60.	250.	DEG F
6170287	A/T #3 LT	FWD BAY #2	-60.	250.	DEG F
6170288	A/T #1 RT	FWD BAY #2	-60.	250.	DEG F
6170289	A/T #2 RT	FWD BAY #2	-60.	250.	DEG F
6170290	A/T #3 RT	FWD BAY #2	-60.	250.	DEG F
6170291	A/T #1 LEFT	MID BAY	-60.	250.	DEG F
6170292	A/T #2 LEFT	MID BAY	-60.	250.	DEG F
6170293	A/T #3 LEFT	MID BAY	-60.	250.	DEG F
6170294	A/T #1 RIGHT	MID BAY	-60.	250.	DEG F
6170295	A/T #2 RIGHT	MID BAY	-60.	250.	DEG F
6170296	A/T #3 RIGHT	MID BAY	-60.	250.	DEG F
6170297	A/T #1 LEFT	AFT BAY	-60.	250.	DEG F
6170298	A/T #2 LEFT	AFT BAY	-60.	250.	DEG F
6170299	A/T #3 LEFT	AFT BAY	-60.	250.	DEG F
6170300	A/T #1 RIGHT	AFT BAY	-60.	250.	DEG F
6170301	A/T #2 RIGHT	AFT BAY	-60.	250.	DEG F
6170302	A/T #3 RIGHT	AFT BAY	-60.	250.	DEG F
6170309	A/T	VENT #1	-60.	120.	DEG F
6170310	A/T	VENT #2	-60.	120.	DEG F
6170311	A/T	VENT #3	-60.	120.	DEG F
6170312	A/T	VENT #4	-60.	120.	DEG F
6170313	A/T MAIN	GEAR WELL	-60.	120.	DEG F
6170314	A/T RT MNG	TANK VENT	-60.	120.	DEG F
6170315	A/T RT VNT	CLCTOR CAN	-60.	120.	DEG F
6170316	A/T LEFT	WING VENT	-60.	120.	DEG F
6170317	A/T LT VNT	CLCTOR CAN	-60.	120.	DEG F
6170318	A/T RIGHT	REAR BAY	-60.	120.	DEG F
6170319	A/T LEFT	REAR BAY	-60.	120.	DEG F

6170322	A/T #1	BAY #2	-60.	250.	DEG F
6170323	A/T #2	BAY #2	-60.	250.	DEG F
6170324	A/T #3	BAY #2	-60.	250.	DEG F
6170325	A/T #4	BAY #2	-60.	250.	DEG F
6170326	A/T #5	BAY #2	-60.	250.	DEG F
6170327	A/T #7	BAY #2	-60.	250.	DEG F
6170328	A/T #8 FWD	BAY #2	-60.	250.	DEG F
6170329	A/T #9	BAY #2	-60.	250.	DEG F
6170330	A/T #10	BAY #2	-60.	250.	DEG F
6170331	A/T #11	BAY #2	-60.	250.	DEG F
6170332	A/T #1	BAY #5	-60.	250.	DEG F
6170333	A/T #2	BAY #5	-60.	250.	DEG F
6170334	A/T #3	BAY #5	-60.	250.	DEG F
6170335	A/T #4	BAY #5	-60.	250.	DEG F
6170336	A/T #5	BAY #5	-60.	250.	DEG F
6170337	A/T #7	BAY #5	-60.	250.	DEG F
6170338	A/T #8	BAY #5	-60.	250.	DEG F
6170339	A/T #9	BAY #5	-60.	250.	DEG F
6170340	A/T #10	BAY #5	-60.	250.	DEG F
6170341	A/T #11	BAY #5	-60.	250.	DEG F
6170376	A/T #1 LBL50	EKT CNT BTTH	-60.	250.	DEG F
6170377	A/T #2 LBL50	EKT CNT BTTH	-60.	250.	DEG F
6170378	A/T #3 LBL50	EKT CNT BTTH	-60.	250.	DEG F
6170379	A/T #4 LBL50	EKT CNT BTTH	-60.	250.	DEG F
6170380	A/T #5 LBL50	EKT CNT BTTH	-60.	250.	DEG F
6170381	A/T #1 RBL50	EKT CNT BTTH	-60.	250.	DEG F
6170382	A/T #2 RBL50	EKT CNT BTTH	-60.	250.	DEG F
6170383	A/T #3 RBL50	EKT CNT BTTH	-60.	250.	DEG F
6170384	A/T #4 RBL50	EKT CNT BTTH	-60.	250.	DEG F
6170385	A/T #5 RBL50	EKT CNT BTTH	-60.	250.	DEG F
5441006	PACK BAY	#6	0.	0.	DEG F
5441007	PACK BAY	#7	0.	0.	DEG F
5441008	PACK BAY	AMB #8	0.	0.	DEG F
5441009	PACK BAY	AMB #9	0.	0.	DEG F
5441010	PACK BAY	AMB #10	0.	0.	DEG F
5441014	PACK BAY	AMB #16	0.	0.	DEG F
5441017	PACK BAY	AMB #17	0.	0.	DEG F
5441018	PACK BAY	AMB #18	0.	0.	DEG F
5441019	PACK BAY	AMB #19	0.	0.	DEG F
5441020	PACK BAY	AMB #20	0.	0.	DEG F
6170386	A/T #1 TANK3	VENT	-60.	250.	DEG F
6170387	A/T #2 TANK3	VENT	-60.	250.	DEG F
6170388	A/T TANK4	VENT	-60.	250.	DEG F
6170389	A/T #1 SRG	TNK OVBD VT	-60.	250.	DEG F
6170390	A/T #2 SURGE	OVBD VENT	-60.	250.	DEG F
6170391	A/T #1 RT	WNG SURGETNK	-60.	250.	DEG F
6170392	A/T #2 RT	WNG SURGETNK	-60.	250.	DEG F
6170393	A/T TANK3	INBD VENT	-60.	250.	DEG F
6170394	A/T TANK3	OTBD VENT	-60.	250.	DEG F
6170395	A/T #1 INT	TANK3	-60.	250.	DEG F
6170396	A/T #2 INT	TANK3	-60.	250.	DEG F

UNIQUE MEASUREMENT NUMBER LIST

38101	1840000	1840001	1840002	1840003	1840004	1840005	1840006	1840007	1840008	1840009	1840010
1840011	1840012	1840013	1840014	1840015	1840016	1840017	1840018	1840019	1840020	1840021	1840022
1840023	1840024	1840025	1840026	1840027	1840028	1840029	1840030	1840031	1840032	1840033	1840034
1840035	1840036	1840037	1840038	1840039	3067311	3067312	3067313	5441006	5441007	5441008	5441009
5441010	5441016	5441017	5441018	5441019	5441020	5441024	5441027	5441028	5441029	5441030	5441036
5441037	5441038	5441039	5441040	5441041	5441042	5441043	5441044	5441045	5441046	6170243	6170244
6170245	6170246	6170247	6170248	6170249	6170250	6170251	6170252	6170253	6170254	6170255	6170256
6170257	6170258	6170259	6170260	6170261	6170262	6170263	6170267	6170268	6170269	6170270	6170271
6170272	6170274	6170277	6170279	6170280	6170281	6170282	6170285	6170286	6170288	6170289	6170290
6170290	6170289	6170290	6170291	6170292	6170293	6170294	6170295	6170296	6170297	6170298	6170299
6170300	6170301	6170302	6170309	6170310	6170311	6170312	6170313	6170314	6170315	6170316	6170317
6170318	6170319	6170320	6170321	6170322	6170323	6170324	6170325	6170326	6170327	6170328	6170329
6170330	6170331	6170332	6170333	6170334	6170335	6170336	6170337	6170338	6170339	6170340	6170341
6170342	6170343	6170344	6170345	6170346	6170347	6170348	6170349	6170351	6170352	6170354	6170355
6170356	6170357	6170358	6170359	6170360	6170361	6170362	6170363	6170364	6170365	6170366	6170367
6170368	6170369	6170370	6170371	6170372	6170373	6170374	6170375	6170376	6170377	6170378	6170379
6170380	6170381	6170382	6170383	6170384	6170385	6170386	6170387	6170388	6170389	6170390	6170391
6170392	6170393	6170394	6170395	6170396							

MEAS NO SECT NO	DATA TITLE	MEASUREMENT COMMENTS	RC MD	MIN VALUE	MAX VALUE	UNITS	ACC	FREQ/ SAMPL	FIL TER	CUTOFF		PWR 10	DSPL CODE
								RATE		FREQ	HI		
MNEMONIC			BUS NAME	DATA LABEL	REQD TYPE	REQD BITS	LSB	RSLN	SDI/ EXT	ZERO CNT			
SOURCE POS SOURCE			SC FACT	SIG	UNITS	OFFSET	SPCL HDLG	BUS RATE	# OF BITS	INTRPL VALID	DELAY		
MEAS ID			WORD POS	NO OF WORDS		TYPE	LOCATION		RESP GRP				
0030101 0.00	IND TOTAL AIR TEMP MOI	DESCRIPTION: TAT 01 TOTAL AIR TEMPERATURE FLIGH HS -60 60 DEG C .6000 5 T TEST PROBE											-2 2
COMMENT: 0020			ORIGINATOR: DBA 02/07/79 LAST REVISION: SHC 01/13/92 ADDED BY: RLP 06/26/97 APPVD BY: RLP 07/12/97 DELE BY: APPVD BY: APPROVAL CMT: CNFLT: TIRL TM/CALMS: AP TM/CALMS: N										
1840000 1.21	PRES POS LAT TRM-GPS 310 T4	DESCRIPTION: PRESENT POSITION LATITUDE, IRS, LA HS -90 90 DEG 5 T4											-4 4
COMMENT: CREATED FOR THE EVERGREEN RA020 NTSB F UEL TANK FLIGHT TEST			ORIGINATOR: MDO 07/08/97 LAST REVISION: MDO 07/08/97 ADDED BY: MDO 07/08/97 APPVD BY: RLP 07/12/97 DELE BY: APPVD BY: APPROVAL CMT: CNFLT: TIRL TM/CALMS: AP TM/CALMS: N										
1840001 1.21	PRES POS LONG TRM-GPS 311 ON4	DESCRIPTION: PRESENT POSITION LONGITUDE, IRS, L HS -100 100 DEG 5 ON4											-4 4
COMMENT: CREATED FOR THE EVERGREEN RA020 NTSB F UEL TANK FLIGHT TEST			ORIGINATOR: MDO 07/08/97 LAST REVISION: MDO 07/08/97 ADDED BY: MDO 07/08/97 APPVD BY: RLP 07/12/97 DELE BY: APPVD BY: APPROVAL CMT: CNFLT: TIRL TM/CALMS: AP TM/CALMS: N										

MEAS NO SECT NO	DATA TITLE	MEASUREMENT COMMENTS	RC MD	MIN VALUE	MAX VALUE	UNITS	ACC	FREQ/ SAMPL	FIL TER	CUTOFF		PWR 10	DSPL CODE
								RATE		FREQ	HI		
MNEMONIC			BUS NAME	DATA LABEL	REQD TYPE	REQD BITS	LSB	RSLN	SDI/ EXT	ZERO CNT			
SOURCE POS SOURCE			SC FACT	SIG	UNITS	OFFSET	SPCL HDLG	BUS RATE	# OF BITS	INTRPL VALID	DELAY		
MEAS ID			WORD POS	NO OF WORDS		TYPE	LOCATION		RESP GRP				
1840002 1.21	GROUND SPEED TRM-GPS 312	DESCRIPTION: GROUND SPEED, IRS, V054											-1 1
COMMENT: CREATED FOR THE EVERGREEN RA020 NTSB F UEL TANK FLIGHT TEST			ORIGINATOR: MDO 07/08/97 LAST REVISION: MDO 07/08/97 ADDED BY: MDO 07/08/97 APPVD BY: RLP 07/12/97 DELE BY: APPVD BY: APPROVAL CMT: CNFLT: TIRL TM/CALMS: AP TM/CALMS: N										
1840003 1.21	TRUE HEADING TRM-GPS 314	DESCRIPTION: TRUE HEADING											-2 2
COMMENT: CREATED FOR THE EVERGREEN RA020 NTSB F UEL TANK FLIGHT TEST			ORIGINATOR: MDO 07/08/97 LAST REVISION: MDO 07/08/97 ADDED BY: MDO 07/08/97 APPVD BY: RLP 07/12/97 DELE BY: APPVD BY: APPROVAL CMT: CNFLT: TIRL TM/CALMS: AP TM/CALMS: N										
1840004 1.21	PITCH ANGLE TRM-GPS 324	DESCRIPTION: PITCH ANGLE LEFT, IRS											-2 2
COMMENT: CREATED FOR THE EVERGREEN RA020 NTSB F UEL TANK FLIGHT TEST			ORIGINATOR: MDO 07/08/97 LAST REVISION: MDO 07/08/97 ADDED BY: MDO 07/08/97 APPVD BY: RLP 07/12/97 DELE BY: APPVD BY: APPROVAL CMT: CNFLT: TIRL TM/CALMS: AP TM/CALMS: N										

MEAS NO SECT NO	DATA TITLE	MEASUREMENT DESCRIPTION COMMENTS	RC MD	MIN VALUE	MAX VALUE	UNITS	ACC	FREQ/ SAMPL RATE	FIL TER	CUTOFF FREQ HI---LO	PWR 10	DSPL CODE
MNEMONIC			BUS NAME	DATA LABEL	REQD TYPE	REQU BITS	LSB RSLN	SDI/ EXT	ZERO CNT			
SOURCE POS SOURCE			SC FACT	SIG	UNITS	OFFSET	SPCL HDLG	BUS RATE	# OF BITS	INTRPL VALID	DELAY	
MEAS ID			WORD POS	NO OF WORDS		TYPE	LOCATION	RESP GRP				
1840005 1.21	ROLL ANGLE TRM-GPS 325	DESCRIPTION: ROLL ANGLE, IRS, RA4 UEL TANK FLIGHT TEST	HS -180 TRM-GPS 325	180 BNR 15-29	DEG 1.09863E-02	50 N	50 HI 15					-2 2
COMMENT: CREATED FOR THE EVERGREEN RA028 NTSB F			ORIGINATOR: MDO 07/08/97 LAST REVISION: MDO 07/08/97									
			ADDED BY: MDO 07/08/97 APPVD BY: RLP 07/12/97									
			DELE BY: APPVD BY:									
			APPROVAL CMT:									
			CNFLT:									
			TIRL TM/CALMS: AP TM/CALMS: N									
1840006 1.21	BDY PITCH RT TRM-GPS 326	DESCRIPTION: BODY PITCH RATE, IRS, PD4B UEL TANK FLIGHT TEST	HS -128 TRM-GPS 326	128 BNR 16-29	DEG/S 1.56250E-02	50 N	50 HI 14					-2 2
COMMENT: CREATED FOR THE EVERGREEN RA028 NTSB F			ORIGINATOR: MDO 07/08/97 LAST REVISION: MDO 07/08/97									
			ADDED BY: MDO 07/08/97 APPVD BY: RLP 07/12/97									
			DELE BY: APPVD BY:									
			APPROVAL CMT:									
			CNFLT:									
			TIRL TM/CALMS: AP TM/CALMS: N									
1840007 1.21	BODY ROLL RT TRM-GPS 327	DESCRIPTION: BODY ROLL RATE, IRS, RD4B UEL TANK FLIGHT TEST	HS -128 TRM-GPS 327	128 BNR 16-29	DEG/S 1.56250E-02	50 N	50 HI 14					-2 2
COMMENT: CREATED FOR THE EVERGREEN RA028 NTSB F			ORIGINATOR: MDO 07/08/97 LAST REVISION: MDO 07/08/97									
			ADDED BY: MDO 07/08/97 APPVD BY: RLP 07/12/97									
			DELE BY: APPVD BY:									
			APPROVAL CMT:									
			CNFLT:									
			TIRL TM/CALMS: AP TM/CALMS: N									

MEAS NO SECT NO	DATA TITLE	MEASUREMENT DESCRIPTION COMMENTS	RC MD	MIN VALUE	MAX VALUE	UNITS	ACC	FREQ/ SAMPL RATE	FIL TER	CUTOFF FREQ HI---LO	PWR 10	DSPL CODE
MNEMONIC			BUS NAME	DATA LABEL	REQD TYPE	REQU BITS	LSB RSLN	SDI/ EXT	ZERO CNT			
SOURCE POS SOURCE			SC FACT	SIG	UNITS	OFFSET	SPCL HDLG	BUS RATE	# OF BITS	INTRPL VALID	DELAY	
MEAS ID			WORD POS	NO OF WORDS		TYPE	LOCATION	RESP GRP				
1840008 1.21	BODY YAW RT TRM-GPS 330	DESCRIPTION: BODY YAW RATE, IRS, YWD4B UEL TANK FLIGHT TEST	HS -128 TRM-GPS 330	128 BNR 16-29	DEG/S 1.56250E-02	50 N	50 HI 14					-2 2
COMMENT: CREATED FOR THE EVERGREEN RA028 NTSB F			ORIGINATOR: MDO 07/08/97 LAST REVISION: MDO 07/08/97									
			ADDED BY: MDO 07/08/97 APPVD BY: RLP 07/12/97									
			DELE BY: APPVD BY:									
			APPROVAL CMT:									
			CNFLT:									
			TIRL TM/CALMS: AP TM/CALMS: N									
1840009 0.11	BARO 1 ALT TRM-GPS 204	DESCRIPTION: ALTITUDE (BARO 1), ADC, H1B6 UEL TANK FLIGHT TEST	HS -131072 TRM-GPS 204	131072 BNR 12-29	FEET 1.00000E+00	16 N	16 HI 18					0 0
COMMENT: CREATED FOR THE EVERGREEN RA028 NTSB F			ORIGINATOR: MDO 07/08/97 LAST REVISION: MDO 07/08/97									
			ADDED BY: MDO 07/08/97 APPVD BY: RLP 07/12/97									
			DELE BY: APPVD BY:									
			APPROVAL CMT:									
			CNFLT:									
			TIRL TM/CALMS: AP TM/CALMS: N									
1840010 3.21	UTC FINE TRM-GPS 140	DESCRIPTION: UTC FINE UEL TANK FLIGHT TEST	HS 0 TRM-GPS 140	1.0 BIN 9-28	SECOND 9.53674E-07	1 N	1 HI 20					-3 0
COMMENT: CREATED FOR THE EVERGREEN RA028 NTSB F			ORIGINATOR: MDO 07/08/97 LAST REVISION: MDO 07/08/97									
			ADDED BY: MDO 07/08/97 APPVD BY: RLP 07/12/97									
			DELE BY: APPVD BY:									
			APPROVAL CMT:									
			CNFLT:									
			TIRL TM/CALMS: AP TM/CALMS: N									

MEAS NO SECT NO	DATA TITLE	MEASUREMENT COMMENTS	DESCRIPTION	RC MD	MIN VALUE	MAX VALUE	UNITS	FREQ/ SAMPL ACC RATE	FIL TER	CUTOFF FREQ HI---LO	PWR 10	DSPL CODE
MNEMONIC				BUS NAME	DATA LABEL	REQD TYPE	BITS	LSB RSLN	SDI/ EXT	ZERO CNT		
SOURCE POS SOURCE				SC FACT	SIG	UNITS	OFFSET	SPCL HDLG	BUS RATE	# OF BITS	INTRPL VALID	DELAY
MEAS ID				WORD POS	NO OF WORDS	TYPE	LOCATION	RESP	GRP			
1840011 1.21	UTC HOUR TRM-GPS 150		DESCRIPTION: UTC HOUR	HS 0 TRM-GPS	23 150	HOUR BIN	24-28	1.00000E+00 N	1 HI	5		0 0
	UTCHRS			0	0		A429					NC
	L GPSSU		COMMENT: CREATED FOR THE EVERGREEN RA020 NTSB F	ORIGINATOR: MDO 07/08/97		LAST REVISION: MDO 07/08/97		ADDED BY: MDO 07/08/97		APPVD BY: RLP 07/12/97		
	-L GPSSU		UEL TANK FLIGHT TEST	DELE BY:		APPVD BY:		APPROVAL CNT:		CNFLT:		
				TIRL TH/CALMS:		AP TH/CALMS: N						
1840012 1.21	UTC MINUTES TRM-GPS 150		DESCRIPTION: GPSSU UTC MINUTES	HS 0 TRM-GPS	59 150	MINUTE BIN	18-23	1.00000E+00 N	1 HI	6		0 0
	UTCHIN			0	0		A429					NC
	L GPSSU		COMMENT: CREATED FOR THE EVERGREEN RA020 NTSB F	ORIGINATOR: MDO 07/08/97		LAST REVISION: MDO 07/08/97		ADDED BY: MDO 07/08/97		APPVD BY: RLP 07/12/97		
	-L GPSSU		UEL TANK FLIGHT TEST	DELE BY:		APPVD BY:		APPROVAL CNT:		CNFLT:		
				TIRL TH/CALMS:		AP TH/CALMS: N						
1840013 1.21	DAY ONES TRM-GPS 260		DESCRIPTION: DAY ONES	HS TRM-GPS	260	BIN	24-27	1.00000E+00 N	1 HI	4		0 0
	GPSSU-L			0	0		A429					NC
	L GPSSU		COMMENT: CREATED FOR THE EVERGREEN RA020 NTSB F	ORIGINATOR: MDO 07/08/97		LAST REVISION: MDO 07/08/97		ADDED BY: MDO 07/08/97		APPVD BY: RLP 07/12/97		
	-L GPSSU		UEL TANK FLIGHT TEST	DELE BY:		APPVD BY:		APPROVAL CNT:		CNFLT:		
				TIRL TH/CALMS:		AP TH/CALMS: N						

MEAS NO SECT NO	DATA TITLE	MEASUREMENT COMMENTS	DESCRIPTION	RC MD	MIN VALUE	MAX VALUE	UNITS	FREQ/ SAMPL ACC RATE	FIL TER	CUTOFF FREQ HI---LO	PWR 10	DSPL CODE
MNEMONIC				BUS NAME	DATA LABEL	REQD TYPE	BITS	LSB RSLN	SDI/ EXT	ZERO CNT		
SOURCE POS SOURCE				SC FACT	SIG	UNITS	OFFSET	SPCL HDLG	BUS RATE	# OF BITS	INTRPL VALID	DELAY
MEAS ID				WORD POS	NO OF WORDS	TYPE	LOCATION	RESP	GRP			
1840014 1.21	MONTH ONES TRM-GPS 260		DESCRIPTION: MONTH ONES	HS TRM-GPS	260	BIN	19-22	1.00000E+00 N	1 HI	4		0 0
	GPSSU-L			0	0		A429					NC
	L GPSSU		COMMENT: CREATED FOR THE EVERGREEN RA020 NTSB F	ORIGINATOR: MDO 07/08/97		LAST REVISION: MDO 07/08/97		ADDED BY: MDO 07/08/97		APPVD BY: RLP 07/12/97		
	-L GPSSU		UEL TANK FLIGHT TEST	DELE BY:		APPVD BY:		APPROVAL CNT:		CNFLT:		
				TIRL TH/CALMS:		AP TH/CALMS: N						
1840015 1.21	YEAR ONES TRM-GPS 260		DESCRIPTION: YEAR ONES	HS TRM-GPS	260	BIN	11-14	1.00000E+00 N	1 HI	4		0 0
	YEARONES			0	0		A429					NC
	L GPSSU		COMMENT: CREATED FOR THE EVERGREEN RA020 NTSB F	ORIGINATOR: MDO 07/08/97		LAST REVISION: MDO 07/08/97		ADDED BY: MDO 07/08/97		APPVD BY: RLP 07/12/97		
	-L GPSSU		UEL TANK FLIGHT TEST	DELE BY:		APPVD BY:		APPROVAL CNT:		CNFLT:		
				TIRL TH/CALMS:		AP TH/CALMS: N						
1840016 1.21	DAY TENS TRM-GPS 260		DESCRIPTION: DAY TENS	HS TRM-GPS	260	BIN	28-29	1.00000E+00 N	1 HI	2		0 0
	GPSSU-L			0	0		A429					NC
	L GPSSU		COMMENT: CREATED FOR THE EVERGREEN RA020 NTSB F	ORIGINATOR: MDO 07/08/97		LAST REVISION: MDO 07/08/97		ADDED BY: MDO 07/08/97		APPVD BY: RLP 07/12/97		
	-L GPSSU		UEL TANK FLIGHT TEST	DELE BY:		APPVD BY:		APPROVAL CNT:		CNFLT:		
				TIRL TH/CALMS:		AP TH/CALMS: N						

MEAS NO SECT NO	DATA TITLE	MEASUREMENT DESCRIPTION COMMENTS	RC MD	MIN VALUE	MAX VALUE	UNITS	ACC	FREQ/ SAMPL RATE	FIL TER	CUTOFF FREQ HI---LO	PWR 10	DSPL CODE
MNEMONIC			BUS NAME	DATA LABEL	REQD TYPE	REGB BITS	LSB RSLN	SPCL HDLG	BUS RATE	# OF BITS	INTRPL VALID	DELAY
SOURCE POS SOURCE			SC FACT	SIG	UNITS	OFFSET	LOCATION	RESP	GRP			
MEAS ID			WORD POS	NO OF WORDS	TYPE	LOCATION	RESP	GRP				
1840017 1.21	MONTH TENS TRM-GPS 260	DESCRIPTION: MONTH TENS	HS TRM-GPS	260	BIN	23-23	1.00000E+00	1	N			0 0
	GPSSU-L						A429	HI	1		N NC	
	L GPSSU	COMMENT: CREATED FOR THE EVERGREEN RA028 NTSB F UEL TANK FLIGHT TEST	ORIGINATOR: MDO 07/08/97	LAST REVISION: MDO 07/08/97								
	GPSSU-L		ADDED BY: MDO 07/08/97	APPVD BY: RLP 07/12/97								
			DELE BY:	APPVD BY:								
			APPROVAL CMT:									
			CNFLT:									
			TIRL TM/CALMS:	AP TM/CALMS: N								
1840018 1.21	YEAR TENS TRM-GPS 260	DESCRIPTION: YEAR TENS	HS TRM-GPS	260	BIN	15-18	1.00000E+00	1	N			0 0
	YEARTENS						A429	HI	4		N NC	
	L GPSSU	COMMENT: CREATED FOR THE EVERGREEN RA028 NTSB F UEL TANK FLIGHT TEST	ORIGINATOR: MDO 07/08/97	LAST REVISION: MDO 07/08/97								
	YEARTENS		ADDED BY: MDO 07/08/97	APPVD BY: RLP 07/12/97								
			DELE BY:	APPVD BY:								
			APPROVAL CMT:									
			CNFLT:									
			TIRL TM/CALMS:	AP TM/CALMS: N								
1840019 1.21	IRS ALTITUDE TRM-GPS 361	DESCRIPTION: INERTIAL ALTITUDE, IRS, H4I	HS TRM-GPS	-131072 361	131072 BNR	FEET 9-29	1.25000E-01	25	N			-1 0
							A429	HI	21		Y NC	
		COMMENT: CREATED FOR THE EVERGREEN RA028 NTSB F UEL TANK FLIGHT TEST	ORIGINATOR: MDO 07/08/97	LAST REVISION: MDO 07/08/97								
			ADDED BY: MDO 07/08/97	APPVD BY: RLP 07/12/97								
			DELE BY:	APPVD BY:								
			APPROVAL CMT:									
			CNFLT:									
			TIRL TM/CALMS:	AP TM/CALMS: N								

MEAS NO SECT NO	DATA TITLE	MEASUREMENT DESCRIPTION COMMENTS	RC MD	MIN VALUE	MAX VALUE	UNITS	ACC	FREQ/ SAMPL RATE	FIL TER	CUTOFF FREQ HI---LO	PWR 10	DSPL CODE
MNEMONIC			BUS NAME	DATA LABEL	REQD TYPE	REGB BITS	LSB RSLN	SPCL HDLG	BUS RATE	# OF BITS	INTRPL VALID	DELAY
SOURCE POS SOURCE			SC FACT	SIG	UNITS	OFFSET	LOCATION	RESP	GRP			
MEAS ID			WORD POS	NO OF WORDS	TYPE	LOCATION	RESP	GRP				
1840020 1.21	UTC SECONDS TRM-GPS 150	DESCRIPTION: UTC SECONDS	HS TRM-GPS	0 150	59 BIN	SECOND 12-17	1.00000E+00	1	N			0 0
	UTCSEC						A429	HI	6		N NC	
	L GPSSU	COMMENT: CREATED FOR THE EVERGREEN RA028 NTSB F UEL TANK FLIGHT TEST	ORIGINATOR: MDO 07/08/97	LAST REVISION: MDO 07/08/97								
	UTCSEC		ADDED BY: MDO 07/08/97	APPVD BY: RLP 07/12/97								
			DELE BY:	APPVD BY:								
			APPROVAL CMT:									
			CNFLT:									
			TIRL TM/CALMS:	AP TM/CALMS: N								
1840021 3.21	GPS ALT TRM-GPS 076	DESCRIPTION: GPS ALTITUDE (MSL)	HS TRM-GPS	-131072 076	131072 BNR	FEET 9-29	1.25000E-01	1	N			0 0
	GPSSU-L						A429	HI	21		Y NC	
	L GPSSU	COMMENT: CREATED FOR THE EVERGREEN RA028 NTSB F UEL TANK FLIGHT TEST	ORIGINATOR: MDO 07/08/97	LAST REVISION: MDO 07/08/97								
	GPSSU-L		ADDED BY: MDO 07/08/97	APPVD BY: RLP 07/12/97								
			DELE BY:	APPVD BY:								
			APPROVAL CMT:									
			CNFLT:									
			TIRL TM/CALMS:	AP TM/CALMS: N								
1840022 3.21	HDOP TRM-GPS 101	DESCRIPTION: HDOP	HS TRM-GPS	0 101	1024 BIN	14-28	3.12500E-02	1	N			-2 2
	GPSSU-L						A429	HI	15		Y NC	
	L GPSSU	COMMENT: CREATED FOR THE EVERGREEN RA028 NTSB F UEL TANK FLIGHT TEST	ORIGINATOR: MDO 07/08/97	LAST REVISION: MDO 07/08/97								
	GPSSU-L		ADDED BY: MDO 07/08/97	APPVD BY: RLP 07/12/97								
			DELE BY:	APPVD BY:								
			APPROVAL CMT:									
			CNFLT:									
			TIRL TM/CALMS:	AP TM/CALMS: N								

MEAS NO SECT NO	DATA TITLE	MEASUREMENT DESCRIPTION COMMENTS	RC MD	MIN VALUE	MAX VALUE	UNITS	ACC	FREQ/ SAMPL	FIL TER	CUTOFF	PWR	DSPL CODE
								RATE		FREQ HI---LO		
MNEMONIC			BUS NAME	DATA LABEL	REQD TYPE	REQU BITS	LSB	RSLN	SDI/ EXT	ZERO	CNT	
SOURCE POS SOURCE			SC FACT	SIG	UNITS	OFFSET	SPCL HDLG	BUS RATE	# OF BITS	INTRPL VALID	DELAY	
MEAS ID			WORD POS	NO OF WORDS	TYPE	LOCATION	RESP	GRP				
1840023 3.21	VDOF TRM-GPS 102	DESCRIPTION: VDOF	HS 0		1024				1			-2 2
	GPSSU-L		TRM-GPS	102	BIN	14-28		3.12500E-02	N	HI	15	Y NC
	L GPSSU	COMMENT: CREATED FOR THE EVERGREEN RA028 NTSB F										
	GPSSU-L	UEL TANK FLIGHT TEST										
			ORIGINATOR: MDO 07/08/97		LAST REVISION: MDO 07/08/97		ADDED BY: MDO 07/08/97		APPVD BY: RLP 07/12/97			
			DELE BY:		APPVD BY:		APPROVAL CMT:		CNFLT:		TIRL TH/CALMS: AP TH/CALMS: N	
1840024 3.21	LATITUDE TRM-GPS 110	DESCRIPTION: GPS LATITUDE	HS -100		100	DEGREE			1			-4 4
	GPSSU-L		TRM-GPS	110	BIN	9-29		1.71661E-04	N	HI	21	Y NC
	L GPSSU	COMMENT: CREATED FOR THE EVERGREEN RA028 NTSB F										
	GPSSU-L	UEL TANK FLIGHT TEST										
			ORIGINATOR: MDO 07/08/97		LAST REVISION: MDO 07/08/97		ADDED BY: MDO 07/08/97		APPVD BY: RLP 07/12/97			
			DELE BY:		APPVD BY:		APPROVAL CMT:		CNFLT:		TIRL TH/CALMS: AP TH/CALMS: N	
1840025 3.21	GPS GND SPD TRM-GPS 112	DESCRIPTION: GPS GROUND SPEED	HS 0		4096	KNOTS			1			-1 1
	GPSSU-L		TRM-GPS	112	BIN	14-28		1.25000E-01	N	HI	15	Y NC
	L GPSSU	COMMENT: CREATED FOR THE EVERGREEN RA028 NTSB F										
	GPSSU-L	UEL TANK FLIGHT TEST										
			ORIGINATOR: MDO 07/08/97		LAST REVISION: MDO 07/08/97		ADDED BY: MDO 07/08/97		APPVD BY: RLP 07/12/97			
			DELE BY:		APPVD BY:		APPROVAL CMT:		CNFLT:		TIRL TH/CALMS: AP TH/CALMS: N	

MEAS NO SECT NO	DATA TITLE	MEASUREMENT DESCRIPTION COMMENTS	RC MD	MIN VALUE	MAX VALUE	UNITS	ACC	FREQ/ SAMPL	FIL TER	CUTOFF	PWR	DSPL CODE
								RATE		FREQ HI---LO		
MNEMONIC			BUS NAME	DATA LABEL	REQD TYPE	REQU BITS	LSB	RSLN	SDI/ EXT	ZERO	CNT	
SOURCE POS SOURCE			SC FACT	SIG	UNITS	OFFSET	SPCL HDLG	BUS RATE	# OF BITS	INTRPL VALID	DELAY	
MEAS ID			WORD POS	NO OF WORDS	TYPE	LOCATION	RESP	GRP				
1840026 3.21	FINE LAT WD TRM-GPS 120	DESCRIPTION: GPS LATITUDE FINE	HS			DIM			1			0 H
	GPSSU-L		TRM-GPS	120	DIS	18-28			N	HI	11	N NC
	L GPSSU	COMMENT: CREATED FOR THE EVERGREEN RA028 NTSB F										
	GPSSU-L	UEL TANK FLIGHT TEST										
			ORIGINATOR: MDO 07/08/97		LAST REVISION: MDO 07/08/97		ADDED BY: MDO 07/08/97		APPVD BY: RLP 07/12/97			
			DELE BY:		APPVD BY:		APPROVAL CMT:		CNFLT:		TIRL TH/CALMS: AP TH/CALMS: N	
1840027 3.21	LAT FINE TRM-GPS 120	DESCRIPTION: GPS LATITUDE FINE	HS 0000		1.72E-4	DEGREE			1			0 3
	GPSSU-L		TRM-GPS	120	BIN	18-28		8.38190E-08	N	HI	11	N NC
	L GPSSU	COMMENT: CREATED FOR THE EVERGREEN RA028 NTSB F										
	GPSSU-L	UEL TANK FLIGHT TEST										
			ORIGINATOR: MDO 07/08/97		LAST REVISION: MDO 07/08/97		ADDED BY: MDO 07/08/97		APPVD BY: RLP 07/12/97			
			DELE BY:		APPVD BY:		APPROVAL CMT:		CNFLT:		TIRL TH/CALMS: AP TH/CALMS: N	
1840028 3.21	FINE LON WD TRM-GPS 121	DESCRIPTION: GPS LONGITUDE FINE	HS			DIM			1			0 H
	GPSSU-L		TRM-GPS	121	DIS	18-28			N	HI	11	N NC
	L GPSSU	COMMENT: CREATED FOR THE EVERGREEN RA028 NTSB F										
	GPSSU-L	UEL TANK FLIGHT TEST										
			ORIGINATOR: MDO 07/08/97		LAST REVISION: MDO 07/08/97		ADDED BY: MDO 07/08/97		APPVD BY: RLP 07/12/97			
			DELE BY:		APPVD BY:		APPROVAL CMT:		CNFLT:		TIRL TH/CALMS: AP TH/CALMS: N	

TEST ITEM CODE: B2.25.0039

TEST ITEM REQUIREMENTS LIST

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MEAS NO SECT NO	DATA TITLE	MEASUREMENT DESCRIPTION COMMENTS	RC MD	MIN VALUE	MAX VALUE	UNITS	ACC	FREQ/ SAMPL RATE	FIL TER	CUTOFF FREQ HI---LO	PWR 18	DSPL CODE
MNEMONIC			BUS NAME	DATA LABEL	REQD TYPE	REQU BITS	LSB RSLN	SDI/ EXT		ZERO CNT		
SOURCE POS SOURCE			SC FACT	SIG	UNITS	OFFSET	SPCL HDLG	BUS RATE	# OF BITS	INTRPL VALID	DELAY	
MEAS ID			WORD POS	NO OF WORDS		TYPE	LOCATION		RESP GRP			
1840029 3.21	LON FINE TRM-GPS 121	DESCRIPTION: GPS LONGITUDE FINE	HS 0000 TRM-GPS	121	1.72E-4 BIN	DEGREE	18-28	1 8.38198E-08	N			0 3
	GPSSU-L		0	0			A429	N HI 11		N NC		
	L GPSSU	COMMENT: CREATED FOR THE EVERGREEN RA028 NTSB FUEL TANK FLIGHT TEST	ORIGINATOR: MDO 07/08/97 LAST REVISION: MDO 07/08/97 ADDED BY: MDO 07/08/97 APPVD BY: RLP 07/12/97 DELE BY: APPVD BY: APPROVAL CMT: CNFLT: TIRL TM/CALMS: AP TM/CALMS: N									
1840030 3.21	UTC BCD FMT TRM-GPS 125	DESCRIPTION: UTC BCD FORMAT HR:MIN 23:59.9	HS TRM-GPS	125	DIS	9-28		1 N HI 20	N			0 0
	GPSSU-L		0	0			A429	N HI 20		N NC		
	L GPSSU	COMMENT: CREATED FOR THE EVERGREEN RA028 NTSB FUEL TANK FLIGHT TEST	ORIGINATOR: MDO 07/08/97 LAST REVISION: MDO 07/08/97 ADDED BY: MDO 07/08/97 APPVD BY: RLP 07/12/97 DELE BY: APPVD BY: APPROVAL CMT: CNFLT: TIRL TM/CALMS: AP TM/CALMS: N									
1840031 3.21	VRT FIG MRY TRM-GPS 136	DESCRIPTION: VERTICAL FIGURE OF MERIT	HS 0 TRM-GPS	136	FEET BIN	11-28		1 1.25000E-01	N			0 0
	GPSSU-L		0	0			A429	N HI 18		Y NC		
	L GPSSU	COMMENT: CREATED FOR THE EVERGREEN RA028 NTSB FUEL TANK FLIGHT TEST	ORIGINATOR: MDO 07/08/97 LAST REVISION: MDO 07/08/97 ADDED BY: MDO 07/08/97 APPVD BY: RLP 07/12/97 DELE BY: APPVD BY: APPROVAL CMT: CNFLT: TIRL TM/CALMS: AP TM/CALMS: N									

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MNEMONIC			BUS NAME	DATA LABEL	REQD TYPE	REQU BITS	LSB RSLN	SDI/ EXT		ZERO CNT		
SOURCE POS SOURCE			SC FACT	SIG	UNITS	OFFSET	SPCL HDLG	BUS RATE	# OF BITS	INTRPL VALID	DELAY	
MEAS ID			WORD POS	NO OF WORDS		TYPE	LOCATION		RESP GRP			
1840032 3.21	GPS N-S VEL TRM-GPS 166	DESCRIPTION: GPS NORTH-SOUTH VELOCITY	HS 0 TRM-GPS	166	4096 BNR	KNOTS	14-29	1 1.25000E-01	N			0 0
	GPSSU-L		0	0			A429	N HI 16		Y NC		
	L GPSSU	COMMENT: CREATED FOR THE EVERGREEN RA028 NTSB FUEL TANK FLIGHT TEST	ORIGINATOR: MDO 07/08/97 LAST REVISION: MDO 07/08/97 ADDED BY: MDO 07/08/97 APPVD BY: RLP 07/12/97 DELE BY: APPVD BY: APPROVAL CMT: CNFLT: TIRL TM/CALMS: AP TM/CALMS: N									
1840033 3.21	GPS E-W VEL TRM-GPS 174	DESCRIPTION: GPS EAST - WEST VELOCITY	HS 0 TRM-GPS	174	4096 BNR	KNOTS	14-29	1 1.25000E-01	N			0 0
	GPSSU-L		0	0			A429	N HI 16		Y NC		
	L GPSSU	COMMENT: CREATED FOR THE EVERGREEN RA028 NTSB FUEL TANK FLIGHT TEST	ORIGINATOR: MDO 07/08/97 LAST REVISION: MDO 07/08/97 ADDED BY: MDO 07/08/97 APPVD BY: RLP 07/12/97 DELE BY: APPVD BY: APPROVAL CMT: CNFLT: TIRL TM/CALMS: AP TM/CALMS: N									
1840034 3.21	H FIG MERIT TRM-GPS 247	DESCRIPTION: HORIZONTAL FIGURE OF MERIT	HS 0 TRM-GPS	247	16 BIN	NM	11-28	1 6.10352E-05	N			3 3
	GPSSU-L		0	0			A429	N HI 18		Y NC		
	L GPSSU	COMMENT: CREATED FOR THE EVERGREEN RA028 NTSB FUEL TANK FLIGHT TEST	ORIGINATOR: MDO 07/08/97 LAST REVISION: MDO 07/08/97 ADDED BY: MDO 07/08/97 APPVD BY: RLP 07/12/97 DELE BY: APPVD BY: APPROVAL CMT: CNFLT: TIRL TM/CALMS: AP TM/CALMS: N									

MEAS NO SECT NO	DATA TITLE	MEASUREMENT DESCRIPTION COMMENTS	RC MD	MIN VALUE	MAX VALUE	UNITS	ACC	FREQ/ SAMPL RATE	FIL TER	CUTOFF FREQ HI---LO	PWR 10	DSPL CODE
MNEMONIC			BUS NAME	DATA LABEL	REQD TYPE	LSB	RSLN	SDI/ EXT	ZERO	CNT		
SOURCE POS SOURCE			SC	FACT	SIG	UNITS	OFFSET	SPCL HDLG	BUS RATE	# OF BITS	INTRPL VALID	DELAY
MEAS ID			WORD	POS	NO OF WORDS	TYPE	LOCATION	RESP	GRP			
1840035 3.21	GPSSU STATUS TRN-GPS 273	DESCRIPTION: GPSSU STATUS	HS TRN-GPS	273	DIS	9-31		1				0 0
	GPSSU-L		0	0			A429	N	HI	23		N MC
	L GPSSU	COMMENT: CREATED FOR THE EVERGREEN RA028 NTSB F UEL TANK FLIGHT TEST	ORIGINATOR: MDO 07/08/97 LAST REVISION: MDO 07/08/97 ADDED BY: MDO 07/08/97 APPVD BY: RLP 07/12/97 DELE BY: APPVD BY: APPROVAL CMT: CNFLT: TIRL TH/CALMS: AP TH/CALMS: N									
1840036 3.21	SATS TRACKED TRN-GPS 273	DESCRIPTION: NUMBER OF SATELLITES TRACKED	HS 0 TRN-GPS	15 273	BIN	20-23		1 1.00000E+00				0 0
	GPSSU-L		0	0			A429	N	HI	4		Y MC
	L GPSSU	COMMENT: CREATED FOR THE EVERGREEN RA028 NTSB F UEL TANK FLIGHT TEST	ORIGINATOR: MDO 07/08/97 LAST REVISION: MDO 07/08/97 ADDED BY: MDO 07/08/97 APPVD BY: RLP 07/12/97 DELE BY: APPVD BY: APPROVAL CMT: CNFLT: TIRL TH/CALMS: AP TH/CALMS: N									
1840037 3.21	SATS IN VIEW TRN-GPS 273	DESCRIPTION: NUMBER OF SATELLITES IN VIEW	HS 0 TRN-GPS	15 273	BIN	16-19		1 1.00000E+00				0 0
	GPSSU-L		0	0			A429	N	HI	4		Y MC
	L GPSSU	COMMENT: CREATED FOR THE EVERGREEN RA028 NTSB F UEL TANK FLIGHT TEST	ORIGINATOR: MDO 07/08/97 LAST REVISION: MDO 07/08/97 ADDED BY: MDO 07/08/97 APPVD BY: RLP 07/12/97 DELE BY: APPVD BY: APPROVAL CMT: CNFLT: TIRL TH/CALMS: AP TH/CALMS: N									

MEAS NO SECT NO	DATA TITLE	MEASUREMENT DESCRIPTION COMMENTS	RC MD	MIN VALUE	MAX VALUE	UNITS	ACC	FREQ/ SAMPL RATE	FIL TER	CUTOFF FREQ HI---LO	PWR 10	DSPL CODE
MNEMONIC			BUS NAME	DATA LABEL	REQD TYPE	LSB	RSLN	SDI/ EXT	ZERO	CNT		
SOURCE POS SOURCE			SC	FACT	SIG	UNITS	OFFSET	SPCL HDLG	BUS RATE	# OF BITS	INTRPL VALID	DELAY
MEAS ID			WORD	POS	NO OF WORDS	TYPE	LOCATION	RESP	GRP			
1840038 3.21	GPSSU MODE TRN-GPS 273	DESCRIPTION: MODE. 0 = SELF TEST. 1 = INIT. 2 = ACQUISITION. 3 = NAVIGATION. 4 = ALT/CLOCK AIDING. 5 = DIFFERENTIAL. 6 = AIDED. 7 = FAULT.	HS 0 TRN-GPS	7 273	BIN	26-28		1 1.00000E+00				0 0
	GPSSU-L		0	0			A429	N	HI	3		Y MC
	L GPSSU	COMMENT: CREATED FOR THE EVERGREEN RA028 NTSB F UEL TANK FLIGHT TEST	ORIGINATOR: MDO 07/08/97 LAST REVISION: MDO 07/08/97 ADDED BY: MDO 07/08/97 APPVD BY: RLP 07/12/97 DELE BY: APPVD BY: APPROVAL CMT: CNFLT: TIRL TH/CALMS: AP TH/CALMS: N									
1840039 3.21	LONGITUDE TRN-GPS 111	DESCRIPTION: GPS LONGITUDE	HS -100 TRN-GPS	100 111	DEGREE BNR	9-29		1 1.71661E+04				-4 4
	GPSSU-L		0	0			A429	N	HI	21		Y MC
	L GPSSU	COMMENT: CREATED FOR THE EVERGREEN RA028 NTSB F UEL TANK FLIGHT TEST	ORIGINATOR: MDO 07/08/97 LAST REVISION: MDO 07/08/97 ADDED BY: MDO 07/08/97 APPVD BY: RLP 07/12/97 DELE BY: APPVD BY: APPROVAL CMT: CNFLT: TIRL TH/CALMS: AP TH/CALMS: N									
3067311 0.10	AIRSPEED CAS,CADC #2	DESCRIPTION: COMPUTED AIRSPEED, CADC #2, CAS,	HS 50	450	KT			3.000	10			-2 1
								ELEC	EIBA			Y ST
		COMMENT: CADC SYNCHRO OUTPUT E1-5 SHELF DISCONNECT, B164. 0 DEG = 100 KTS, 360 DEG = 600 KTS. HOOKUP: DB 144B, 56-X, 57-Y, 58-Z	ORIGINATOR: MRD 10/26/92 LAST REVISION: MRD 10/26/92 ADDED BY: DJP 06/23/97 APPVD BY: RLP 07/12/97 DELE BY: APPVD BY: APPROVAL CMT: CNFLT: TIRL TH/CALMS: AP TH/CALMS: N									

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MNEMONIC				BUS NAME	DATA LABEL	REQD TYPE	REQU BITS	LSB RSLN	SDI/ EXT		ZERO CNT		
SOURCE POS SOURCE				SC FACT	SIG	UNITS	OFFSET	SPCL HDLG	BUS RATE	# OF BITS	INTRPL VALID	DELAY	
MEAS ID				WORD POS	NO OF WORDS	TYPE	LOCATION	RESP	GRP				
3067312 0.10	ALTITUDE CADC #2	DESCRIPTION: ALTITUDE, CADC #2,		HS	-1000	50000	FT	100.0	10			0	0
COMMENT: CADC SYNCHRO OUTPUT E1-5 SHELF, B164. 0 DEG = 0 FEET; 360 DEG = 135,000 FEET. HOOKU P: DB164B, 4-X, 5-Y, 6-Z				ORIGINATOR: MRD 10/24/92		LAST REVISION: MRD 10/26/92		ADDED BY: DJP 06/23/97		APPVD BY: RLP 07/12/97		DELE BY: APPVD BY:	
APPROVAL CMT:				TIRL TM/CALMS:				AP TM/CALMS: N					
3067313 0.10	MACH NUMBER CADC #2	DESCRIPTION: MACH NUMBER, CADC #2,		HS	0	1	DIH	50E-4	50			-3	3
COMMENT: CADC SYNCHRO OUTPUT E1-5 SHELF, B164.				ORIGINATOR: MRD 12/11/92		LAST REVISION: MRD 02/03/93		ADDED BY: DJP 06/23/97		APPVD BY: RLP 07/12/97		DELE BY: APPVD BY:	
APPROVAL CMT:				TIRL TM/CALMS:				AP TM/CALMS: N					
5441006 5.07	PACK BAY #6	DESCRIPTION: TEMPERATURE, AMBIENT < A/C PACK BA Y > FOUR INCHES BELOW CENTER WING TANK. LOCATE AT LBL 22 BETWEEN REAR SPAR AND SPANWISE BEAM #1		HS	-60	250	DEG F	4.200	1			-2	2
COMMENT:				ORIGINATOR: BEJ 05/29/97		LAST REVISION: DJP 06/25/97		ADDED BY: DJP 06/19/97		APPVD BY: RLP 07/12/97		DELE BY: APPVD BY:	
APPROVAL CMT:				TIRL TM/CALMS:				AP TM/CALMS: N					

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MEAS NO SECT NO	DATA TITLE	MEASUREMENT COMMENTS	DESCRIPTION	RC MD	MIN VALUE	MAX VALUE	UNITS	ACC	FREQ/ SAMPL RATE	FIL TER	CUTOFF FREQ HI---LO	PWR 10	DSPL CODE
MNEMONIC				BUS NAME	DATA LABEL	REQD TYPE	REQU BITS	LSB RSLN	SDI/ EXT		ZERO CNT		
SOURCE POS SOURCE				SC FACT	SIG	UNITS	OFFSET	SPCL HDLG	BUS RATE	# OF BITS	INTRPL VALID	DELAY	
MEAS ID				WORD POS	NO OF WORDS	TYPE	LOCATION	RESP	GRP				
5441007 5.07	PACK BAY #7	DESCRIPTION: TEMPERATURE, AMBIENT < A/C PACK BA Y > FOUR INCHES BELOW CENTER WING TANK. LOCATE AT LBL 22 BETWEEN SPANWISE BEAM #1 AND MID SPAR		HS	-60	250	DEG F	4.200	1			-2	2
COMMENT:				ORIGINATOR: BEJ 05/29/97		LAST REVISION: DJP 06/25/97		ADDED BY: DJP 06/19/97		APPVD BY: RLP 07/12/97		DELE BY: APPVD BY:	
APPROVAL CMT:				TIRL TM/CALMS:				AP TM/CALMS: N					
5441008 5.07	PACK BAY AMB #8	DESCRIPTION: TEMPERATURE, AMBIENT < A/C PACK BA Y > FOUR INCHES BELOW CENTER WING TANK. LOCATE AT LBL 22 BETWEEN MID SPAR AND SPANWISE BEAM #2		HS	-60	250	DEG F	4.200	1			-2	2
COMMENT:				ORIGINATOR: BEJ 05/29/97		LAST REVISION: DJP 06/25/97		ADDED BY: DJP 06/19/97		APPVD BY: RLP 07/12/97		DELE BY: APPVD BY:	
APPROVAL CMT:				TIRL TM/CALMS:				AP TM/CALMS: N					
5441009 5.07	PACK BAY AMB #9	DESCRIPTION: TEMPERATURE, AMBIENT < A/C PACK BA Y > FOUR INCHES BELOW CENTER WING TANK. LOCATE AT LBL 22 BETWEEN SPAN WISE BEAM #2 AND SPANWISE BEAM #3		HS	-60	250	DEG F	4.200	1			-2	2
COMMENT:				ORIGINATOR: BEJ 05/29/97		LAST REVISION: DJP 06/25/97		ADDED BY: DJP 06/19/97		APPVD BY: RLP 07/12/97		DELE BY: APPVD BY:	
APPROVAL CMT:				TIRL TM/CALMS:				AP TM/CALMS: N					

MEAS NO SECT NO	DATA TITLE	MEASUREMENT DESCRIPTION COMMENTS	RC MD	MIN VALUE	MAX VALUE	UNITS	ACC	FREQ/ SAMPL RATE	FIL TER	CUTOFF FREQ HI---LO	PWR 10	DSPL CODE
MNEMONIC			BUS NAME	DATA LABEL	REQD TYPE	REQU BITS	LSB	RSLN	SDI/ EXT	ZERO	CNT	
SOURCE POS SOURCE			SC	FACT	SIG	UNITS	OFFSET	SPCL HDLG	BUS RATE	# OF BITS	INTRPL VALID	DELAY
MEAS ID			WORD	POS	NO OF WORDS	TYPE	LOCATION	RESP	GRP			
5441010 5.07	PACK BAY AMB #10	DESCRIPTION: TEMPERATURE, AMBIENT < A/C PACK BA Y > FOUR INCHES BELOW CENTER WING TANK. LOCATE AT LBL 22 BETWEEN SPANWISE BEAM #3 AND FRONT SPA R	HS	-60	250	DEG F	4.200	1				-2 2
COMMENT:			ORIGINATOR: BEJ 05/29/97 LAST REVISION: DJP 06/25/97 ADDED BY: DJP 06/19/97 APPVD BY: RLP 07/12/97 DELE BY: APPVD BY: APPROVAL CMT: CNFLT: TIRL TH/CALMS: AP TH/CALMS: N									
5441016 5.07	PACK BAY AMB #16	DESCRIPTION: TEMPERATURE, AMBIENT < A/C PACK BA Y > FOUR INCHES BELOW CENTER WING TANK. LOCATE AT RBL 22 BETWEEN REAR SPAR AND SPANWISE BEAM #1	HS	-60	250	DEG F	4.200	1				-2 2
COMMENT:			ORIGINATOR: BEJ 06/03/97 LAST REVISION: DJP 06/25/97 ADDED BY: DJP 06/19/97 APPVD BY: RLP 07/12/97 DELE BY: APPVD BY: APPROVAL CMT: CNFLT: TIRL TH/CALMS: AP TH/CALMS: N									
5441017 5.07	PACK BAY AMB #17	DESCRIPTION: TEMPERATURE, AMBIENT < A/C PACK BA Y > FOUR INCHES BELOW CENTER WING TANK. LOCATE AT RMB 22 BETWEEN SPANWISE BEAM #1 AND MIDSPAR	HS	-60	250	DEG F	4.200	1				-2 2
COMMENT:			ORIGINATOR: BEJ 06/03/97 LAST REVISION: DJP 06/25/97 ADDED BY: DJP 06/19/97 APPVD BY: RLP 07/12/97 DELE BY: APPVD BY: APPROVAL CMT: CNFLT: TIRL TH/CALMS: AP TH/CALMS: N									

MEAS NO SECT NO	DATA TITLE	MEASUREMENT DESCRIPTION COMMENTS	RC MD	MIN VALUE	MAX VALUE	UNITS	ACC	FREQ/ SAMPL RATE	FIL TER	CUTOFF FREQ HI---LO	PWR 10	DSPL CODE
MNEMONIC			BUS NAME	DATA LABEL	REQD TYPE	REQU BITS	LSB	RSLN	SDI/ EXT	ZERO	CNT	
SOURCE POS SOURCE			SC	FACT	SIG	UNITS	OFFSET	SPCL HDLG	BUS RATE	# OF BITS	INTRPL VALID	DELAY
MEAS ID			WORD	POS	NO OF WORDS	TYPE	LOCATION	RESP	GRP			
5441018 5.07	PACK BAY AMB #18	DESCRIPTION: TEMPERATURE, AMBIENT < A/C PACK BA Y > FOUR INCHES BELOW CENTER WING TANK. LOCATE AT RBL 22 BETWEEN MID SPAR AND SPANWISE BEAM #2	HS	-60	250	DEG F	4.200	1				-2 2
COMMENT:			ORIGINATOR: BEJ 06/03/97 LAST REVISION: DJP 06/25/97 ADDED BY: DJP 06/19/97 APPVD BY: RLP 07/12/97 DELE BY: APPVD BY: APPROVAL CMT: CNFLT: TIRL TH/CALMS: AP TH/CALMS: N									
5441019 5.07	PACK BAY AMB #19	DESCRIPTION: TEMPERATURE, AMBIENT < A/C PACK BA Y > FOUR INCHES BELOW CENTER WING TANK. LOCATE AT RBL 22 BETWEEN SPANWISE BEAM #2 AND SPANWISE BEAM #3	HS	-60	250	DEG F	4.200	1				-2 2
COMMENT:			ORIGINATOR: BEJ 06/03/97 LAST REVISION: DJP 06/25/97 ADDED BY: DJP 06/19/97 APPVD BY: RLP 07/12/97 DELE BY: APPVD BY: APPROVAL CMT: CNFLT: TIRL TH/CALMS: AP TH/CALMS: N									
5441020 5.07	PACK BAY AMB #20	DESCRIPTION: TEMPERATURE, AMBIENT < A/C PACK BA Y > FOUR INCHES BELOW CENTER WING TANK. LOCATE AT RBL 22 BETWEEN SPANDWISE BEAM #3 AND FRONT SP AR	HS	-60	250	DEG F	4.200	1				-2 2
COMMENT:			ORIGINATOR: BEJ 06/03/97 LAST REVISION: DJP 06/25/97 ADDED BY: DJP 06/19/97 APPVD BY: RLP 07/12/97 DELE BY: APPVD BY: APPROVAL CMT: CNFLT: TIRL TH/CALMS: AP TH/CALMS: N									

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MEAS NO SECT NO	DATA TITLE	MEASUREMENT COMMENTS	DESCRIPTION	RC ND	MIN VALUE	MAX VALUE	UNITS	FREQ/ SAMPL RATE	ACC	FIL TER	CUTOFF FREQ HI---LO	PWR 10	DSPL CODE
MNEMONIC				BUS NAME	DATA LABEL	REQD TYPE	BITS	LSB	RSLN	SDI/ EXT	ZERO	CNT	
SOURCE POS SOURCE				SC	FACT	SIG	UNITS	OFFSET	SPCL HDLG	BUS RATE	# OF BITS	INTRPL VALID	DELAY
MEAS ID				WORD	POS	NO OF	WORDS	TYPE	LOCATION	RESP	GRP		
5441026 5.05	A/CBAY CMT SURF TEMP #6		DESCRIPTION: TEMPERATURE, SURFACE < LEFT AIR CONDITIONING PACK BAY, CENTER WING TANK > LOCATE THERMOCOUPLE AT LBL 22 BETWEEN REAR SPAR AND SPANWISE BEAM #1	HS 50	150		DEG F	4.200		1			2 2
COMMENT:				ORIGINATOR: BEJ 05/29/97 LAST REVISION: BEJ 06/05/97 ADDED BY: DJP 06/19/97 APPVD BY: RLP 07/12/97 DELE BY: APPVD BY: APPROVAL CMT: CNFLT: TIRL TH/CALMS: AP TH/CALMS: N									
5441027 5.05	A/CBAY CMT SURF TEMP #7		DESCRIPTION: TEMPERATURE, SURFACE < AIR CONDITIONING PACK BAY, CENTER WING TANK > LOCATE THERMOCOUPLE AT LBL 22 BETWEEN SPANWISE BEAM #1 AND MID SPAR	HS 50	150		DEG F	4.200		1			2 2
COMMENT:				ORIGINATOR: BEJ 05/29/97 LAST REVISION: BEJ 06/05/97 ADDED BY: DJP 06/19/97 APPVD BY: RLP 07/12/97 DELE BY: APPVD BY: APPROVAL CMT: CNFLT: TIRL TH/CALMS: AP TH/CALMS: N									
5441028 5.05	A/CBAY CMT SURF TEMP #8		DESCRIPTION: TEMPERATURE, SURFACE < AIR CONDITIONING PACK BAY, CENTER WING TANK > LOCATE THERMOCOUPLE AT LBL 22 BETWEEN MID SPAR AND SPANWISE BEAM #2	HS 50	150		DEG F	4.200		1			2 2
COMMENT:				ORIGINATOR: BEJ 05/29/97 LAST REVISION: BEJ 06/05/97 ADDED BY: DJP 06/19/97 APPVD BY: RLP 07/12/97 DELE BY: APPVD BY: APPROVAL CMT: CNFLT: TIRL TH/CALMS: AP TH/CALMS: N									

TEST ITEM CODE: B2.23.0039

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MEAS NO SECT NO	DATA TITLE	MEASUREMENT COMMENTS	DESCRIPTION	RC ND	MIN VALUE	MAX VALUE	UNITS	FREQ/ SAMPL RATE	ACC	FIL TER	CUTOFF FREQ HI---LO	PWR 10	DSPL CODE
MNEMONIC				BUS NAME	DATA LABEL	REQD TYPE	BITS	LSB	RSLN	SDI/ EXT	ZERO	CNT	
SOURCE POS SOURCE				SC	FACT	SIG	UNITS	OFFSET	SPCL HDLG	BUS RATE	# OF BITS	INTRPL VALID	DELAY
MEAS ID				WORD	POS	NO OF	WORDS	TYPE	LOCATION	RESP	GRP		
5441029 5.05	A/CBAY CMT SURF TEMP #9		DESCRIPTION: TEMPERATURE, SURFACE < AIR CONDITIONING PACK BAY, CENTER WING TANK > LOCATE THERMOCOUPLE AT LBL 22 BETWEEN SPANWISE BEAM #2 AND SPANWISE BEAM #3	HS 50	150		DEG F	4.200		1			2 2
COMMENT:				ORIGINATOR: BEJ 05/29/97 LAST REVISION: BEJ 06/05/97 ADDED BY: DJP 06/19/97 APPVD BY: RLP 07/12/97 DELE BY: APPVD BY: APPROVAL CMT: CNFLT: TIRL TH/CALMS: AP TH/CALMS: N									
5441030 5.05	A/CBAY CMT SURF TEMP 10		DESCRIPTION: TEMPERATURE, SURFACE < AIR CONDITIONING PACK BAY, CENTER WING TANK > LOCATE THERMOCOUPLE AT LBL 22 BETWEEN SPANWISE BEAM #3 AND FRONT SPAR	HS 50	150		DEG F	4.200		1			2 2
COMMENT:				ORIGINATOR: BEJ 05/29/97 LAST REVISION: BEJ 06/05/97 ADDED BY: DJP 06/19/97 APPVD BY: RLP 07/12/97 DELE BY: APPVD BY: APPROVAL CMT: CNFLT: TIRL TH/CALMS: AP TH/CALMS: N									
5441034 5.05	A/CBAY CMT SURF TEMP 16		DESCRIPTION: TEMPERATURE, SURFACE < AIR CONDITIONING PACK BAY, CENTER WING TANK > LOCATE THERMOCOUPLE AT LBL 22 BETWEEN REAR SPAR AND SPANWISE BEAM #1	HS 50	150		DEG F	4.200		1			2 2
COMMENT:				ORIGINATOR: BEJ 06/03/97 LAST REVISION: BEJ 06/05/97 ADDED BY: DJP 06/19/97 APPVD BY: RLP 07/12/97 DELE BY: APPVD BY: APPROVAL CMT: CNFLT: TIRL TH/CALMS: AP TH/CALMS: N									

MEAS NO SECT NO	DATA TITLE	MEASUREMENT DESCRIPTION COMMENTS	RC MD	MIN VALUE	MAX VALUE	UNITS	FREQ/ SAMPL RATE	FIL TER	CUTOFF FREQ HI---LO	PWR 10	DSPL CODE
MNEMONIC			BUS NAME	DATA LABEL	REQD TYPE	LSB RSLM	SDI/ EXT	ZERO CNT			
SOURCE POS SOURCE			SC FACT	SIG	UNITS	OFFSET	SPCL HDLG	BUS RATE	# OF BITS	INTRPL VALID	DELAY
MEAS ID			WORD POS	NO OF WORDS		TYPE	LOCATION	RESP	GRP		
5441037 5.05	A/CBAY CWT SURF TEMP 17	DESCRIPTION: TEMPERATURE, SURFACE < AIR CO NDITIONING PACK BAY, CENTER WING TANK > LOCATE T HERMOUCOUPLE AT RBL 22 BETWEEN SPANWISE BEAM #1 A ND MIDSPAR	HS 50	150	DEG F	4.200	1				2 2
COMMENT:			ORIGINATOR: BEJ 06/03/97			LAST REVISION: BEJ 06/05/97			ADDED BY: DJP 06/19/97		
			APPROVAL CMT:			APPROVAL CMT:			RPL 07/12/97		
			CNFLT:			CNFLT:					
			TIRL TM/CALMS:			AP TM/CALMS: N					
5441038 5.05	A/CBAY CWT SURF TEMP 18	DESCRIPTION: TEMPERATURE, SURFACE < AIR CO NDITIONING PACK BAY, CENTER WING TANK > LOCATE T HERMOUCOUPLE AT RBL 22 BETWEEN MID SPAR AND SPANW ISE BEAM #2	HS 50	150	DEG F	4.200	1				2 2
COMMENT:			ORIGINATOR: BEJ 06/03/97			LAST REVISION: BEJ 06/05/97			ADDED BY: DJP 06/19/97		
			APPROVAL CMT:			APPROVAL CMT:			RPL 07/12/97		
			CNFLT:			CNFLT:					
			TIRL TM/CALMS:			AP TM/CALMS: N					
5441039 5.05	A/CBAY CWT SURF TEMP 19	DESCRIPTION: TEMPERATURE, SURFACE < AIR CO NDITIONING PACK BAY, CENTER WING TANK > LOCATE T HERMOUCOUPLE AT RBL 22 BETWEEN SPANWISE BEAM #2 A ND SPANWISE BEAM #3	HS 50	150	DEG F	4.200	1				2 2
COMMENT:			ORIGINATOR: BEJ 06/03/97			LAST REVISION: BEJ 06/05/97			ADDED BY: DJP 06/19/97		
			APPROVAL CMT:			APPROVAL CMT:			RPL 07/12/97		
			CNFLT:			CNFLT:					
			TIRL TM/CALMS:			AP TM/CALMS: N					

MEAS NO SECT NO	DATA TITLE	MEASUREMENT DESCRIPTION COMMENTS	RC MD	MIN VALUE	MAX VALUE	UNITS	FREQ/ SAMPL RATE	FIL TER	CUTOFF FREQ HI---LO	PWR 10	DSPL CODE
MNEMONIC			BUS NAME	DATA LABEL	REQD TYPE	LSB RSLM	SDI/ EXT	ZERO CNT			
SOURCE POS SOURCE			SC FACT	SIG	UNITS	OFFSET	SPCL HDLG	BUS RATE	# OF BITS	INTRPL VALID	DELAY
MEAS ID			WORD POS	NO OF WORDS		TYPE	LOCATION	RESP	GRP		
5441040 5.05	A/CBAY CWT SURF TEMP 20	DESCRIPTION: TEMPERATURE, SURFACE < AIR CO NDITIONING PACK BAY, CENTER WING TANK > LOCATE T HERMOUCOUPLE AT RBL 22 BETWEEN SPANWISE BEAM #3 A ND FRONT SPAR	HS 50	150	DEG F	4.200	1				2 2
COMMENT:			ORIGINATOR: BEJ 06/03/97			LAST REVISION: BEJ 06/05/97			ADDED BY: DJP 06/19/97		
			APPROVAL CMT:			APPROVAL CMT:			RPL 07/12/97		
			CNFLT:			CNFLT:					
			TIRL TM/CALMS:			AP TM/CALMS: N					
5441041 5.05	A/C PACK 1 HT EX INLET	DESCRIPTION: TEMPERATURE, SURFACE <AIR CONDI TIONING PACK #1 UPPER SURFACE > LOCATE ON UPPER SURFACE OF INLET TO HEAT EXCHANGER	HS -60	250	DEG F	4.200	1				2 2
COMMENT:			ORIGINATOR: BEJ 05/29/97			LAST REVISION: DJP 06/25/97			ADDED BY: DJP 06/19/97		
			APPROVAL CMT:			APPROVAL CMT:			RPL 07/12/97		
			CNFLT:			CNFLT:					
			TIRL TM/CALMS:			AP TM/CALMS: N					
5441042 5.05	A/C PACK 1 COMP OUT TMP	DESCRIPTION: TEMPERATURE, SURFACE <AIR CONDI TIONING PACK #1 UPPER SURFACE > LOCATE ON UPPER SURFACE OF COMPRESSOR OUTLET	HS -60	250	DEG F	4.200	1				2 2
COMMENT:			ORIGINATOR: BEJ 05/29/97			LAST REVISION: DJP 07/02/97			ADDED BY: DJP 06/19/97		
			APPROVAL CMT:			APPROVAL CMT:			RPL 07/12/97		
			CNFLT:			CNFLT:					
			TIRL TM/CALMS:			AP TM/CALMS: N					

MEAS NO SECT NO	DATA TITLE	MEASUREMENT DESCRIPTION COMMENTS	RC MD	MIN VALUE	MAX VALUE	UNITS	ACC	FREQ/ SAMPL RATE	FIL TER	CUTOFF FREQ HI---LO	PWR 10	DSPL CODE
MNEMONIC			BUS NAME	DATA LABEL	REQD TYPE	REQU BITS	LSB	RSLN	SFI/ EXT	ZERO	CNT	
SOURCE POS SOURCE			SC FACT	SIG	UNITS	OFFSET	SPCL HDLG	BUS RATE	# OF BITS	INTRPL VALID	DELAY	
MEAS ID			WORD POS	NO OF WORDS	TYPE	LOCATION	RESP	GRP				
5441043 5.05	A/C PACK 2 HT EXCH TEMP	DESCRIPTION: TEMPERATURE, SURFACE <AIR CONDI TIONING PACK #2 UPPER SURFACE > LOCATE THERMOCO UPLE ON UPPER SURFACE OF INLET TO HEAT EXCHANGER	HS	-60	250	DEG F	4.200	1				2 2
COMMENT:			ORIGINATOR: BEJ 05/29/97 LAST REVISION: DJP 06/25/97 ADDED BY: DJP 06/19/97 APPVD BY: RLP 07/12/97 DELE BY: APPVD BY: APPROVAL CMT: CNFLT: TIRL TH/CALMS: AP TH/CALMS: N									
5441044 5.05	A/C PACK 2 COMP OUT TMP	DESCRIPTION: TEMPERATURE, SURFACE <AIR CONDI TIONING PACK #2 UPPER SURFACE > LOCATE THERMOCO UPLE ON UPPER SURFACE OF COMPRESSOR OUTLET.	HS	-60	250	DEG F	4.200	1				2 2
COMMENT:			ORIGINATOR: BEJ 05/29/97 LAST REVISION: DJP 06/25/97 ADDED BY: DJP 06/19/97 APPVD BY: RLP 07/12/97 DELE BY: APPVD BY: APPROVAL CMT: CNFLT: TIRL TH/CALMS: AP TH/CALMS: N									
5441045 5.05	A/C PACK 3 HT EX INLET	DESCRIPTION: TEMPERATURE, SURFACE <AIR CONDI TIONING PACK #3 UPPER SURFACE > LOCATE THERMOCO UPLE ON UPPER SURFACE OF INLET TO HEAT EXCHANGER	HS	-60	250	DEG F	4.200	1				2 2
COMMENT:			ORIGINATOR: BEJ 05/29/97 LAST REVISION: DJP 07/02/97 ADDED BY: DJP 06/19/97 APPVD BY: RLP 07/12/97 DELE BY: APPVD BY: APPROVAL CMT: CNFLT: TIRL TH/CALMS: AP TH/CALMS: N									

MEAS NO SECT NO	DATA TITLE	MEASUREMENT DESCRIPTION COMMENTS	RC MD	MIN VALUE	MAX VALUE	UNITS	ACC	FREQ/ SAMPL RATE	FIL TER	CUTOFF FREQ HI---LO	PWR 10	DSPL CODE
MNEMONIC			BUS NAME	DATA LABEL	REQD TYPE	REQU BITS	LSB	RSLN	SFI/ EXT	ZERO	CNT	
SOURCE POS SOURCE			SC FACT	SIG	UNITS	OFFSET	SPCL HDLG	BUS RATE	# OF BITS	INTRPL VALID	DELAY	
MEAS ID			WORD POS	NO OF WORDS	TYPE	LOCATION	RESP	GRP				
5441046 5.05	A/C PACK 3 COMP OUTLET	DESCRIPTION: TEMPERATURE, SURFACE < AIR CO NDITIONING PACK UPPER SURFACE > LOCATE THERMOCO UPLE ON UPPER SURFACE OF COMPRESSOR OUTLET	HS	-60	250	DEG F	4.200	1				2 2
COMMENT:			ORIGINATOR: BEJ 05/29/97 LAST REVISION: DJP 06/25/97 ADDED BY: DJP 06/19/97 APPVD BY: RLP 07/12/97 DELE BY: APPVD BY: APPROVAL CMT: CNFLT: TIRL TH/CALMS: AP TH/CALMS: N									
6170243 2.17	S/T #1R BODY RIB IN CNT	DESCRIPTION: TEMPERATURE, SURFACE #1. ON RIGHT SIDE OF BODY RIB INSIDE CNT. BETWEEN SPANWISE BE AMS 2 AND 3.	HS	-60	250	DEG F		1				0 0
COMMENT: THERMOCOUPLE SHOULD BE EQUIDISTANT FRO M TOP AND BOTTOM AND CENTERED LONGITUDINALLY IN EACH BAY.			ORIGINATOR: DJP 06/19/97 LAST REVISION: DJP 07/02/97 ADDED BY: DJP 06/20/97 APPVD BY: RLP 07/12/97 DELE BY: APPVD BY: APPROVAL CMT: CNFLT: TIRL TH/CALMS: AP TH/CALMS: N									
6170244 2.17	S/T #2R BODY RIB IN CNT	DESCRIPTION: TEMPERATURE, SURFACE #2. ON RIGHT SIDE OF BODY RIB INSIDE CNT. BETWEEN SPANWISE B EAM 2 AND MIDSPAR.	HS	-60	250	DEG F		1				0 0
COMMENT: THERMOCOUPLE SHOULD BE EQUIDISTANT FRO M TOP AND BOTTOM AND CENTERED LONGITUDINALLY IN EACH BAY.			ORIGINATOR: DJP 06/19/97 LAST REVISION: DJP 07/02/97 ADDED BY: DJP 06/20/97 APPVD BY: RLP 07/12/97 DELE BY: APPVD BY: APPROVAL CMT: CNFLT: TIRL TH/CALMS: AP TH/CALMS: N									

MEAS NO SECT NO	DATA TITLE	MEASUREMENT COMMENTS	DESCRIPTION	RC MD	MIN VALUE	MAX VALUE	UNITS	FREQ/ SAMPL RATE	FIL TER	CUTOFF FREQ HI---LO	PWR 10	DSPL CODE
MNEMONIC				BUS NAME	DATA LABEL	REQD TYPE	REQU BITS	LSB RSLN	SDI/ EXT	ZERO CNT		
SOURCE POS SOURCE				SC FACT	SIG	UNITS	OFFSET	SPCL HDLG	BUS RATE	# OF BITS	INTRPL VALID	DELAY
MEAS ID				WORD POS	NO OF WORDS		TYPE	LOCATION	RESP	GRP		
6170245 2.17	S/T #3R RIB IN CWT	DESCRIPTION: TEMPERATURE, SURFACE #3. ON RIGHT SIDE OF BODY RIB INSIDE CWT. BETWEEN MID SPAR A ND SPANWISE BEAM #1.		HS -60	250	DEG F			1			0 0
				TEMP		BODY				Y EP		
COMMENT: THERMOCOUPLE SHOULD BE EQUIDISTANT FROM TOP AND BOTTOM AND CENTERED LONGITUDINALLY IN EACH BAY.				ORIGINATOR: DJP 06/19/97		LAST REVISION: DJP 07/02/97		ADDED BY: DJP 06/20/97		APPVD BY: RLP 07/12/97		
				DELE BY:		APPVD BY:		APPROVAL CMT:		CNFLT:		
				TIRL TM/CALMS:		AP TM/CALMS: N						
6170246 2.17	S/T #4R RIB IN CWT	DESCRIPTION: TEMPERATURE, SURFACE #4. ON RIGHT SIDE OF BODY RIB INSIDE CWT. BETWEEN SPANWISE BEAM #1 AND REAR SPAR.		HS -60	250	DEG F			1			0 0
				TEMP		BODY				Y EP		
COMMENT: THERMOCOUPLE SHOULD BE EQUIDISTANT FROM TOP AND BOTTOM AND CENTERED LONGITUDINALLY IN EACH BAY.				ORIGINATOR: DJP 06/19/97		LAST REVISION: DJP 07/02/97		ADDED BY: DJP 06/20/97		APPVD BY: RLP 07/12/97		
				DELE BY:		APPVD BY:		APPROVAL CMT:		CNFLT:		
				TIRL TM/CALMS:		AP TM/CALMS: N						
6170247 2.17	S/T #1L RIB IN CWT	DESCRIPTION: TEMPERATURE, SURFACE #1. ON LEFT SIDE OF BODY RIB INSIDE CWT. BETWEEN SNB 2 AND 3.		HS -60	250	DEG F			1			0 0
				TEMP		BODY				Y EP		
COMMENT: THERMOCOUPLE SHOULD BE EQUIDISTANT FROM TOP AND BOTTOM AND CENTERED LONGITUDINALLY IN EACH BAY.				ORIGINATOR: DJP 06/19/97		LAST REVISION: DJP 07/02/97		ADDED BY: DJP 06/20/97		APPVD BY: RLP 07/12/97		
				DELE BY:		APPVD BY:		APPROVAL CMT:		CNFLT:		
				TIRL TM/CALMS:		AP TM/CALMS: N						

MEAS NO SECT NO	DATA TITLE	MEASUREMENT COMMENTS	DESCRIPTION	RC MD	MIN VALUE	MAX VALUE	UNITS	FREQ/ SAMPL RATE	FIL TER	CUTOFF FREQ HI---LO	PWR 10	DSPL CODE
MNEMONIC				BUS NAME	DATA LABEL	REQD TYPE	REQU BITS	LSB RSLN	SDI/ EXT	ZERO CNT		
SOURCE POS SOURCE				SC FACT	SIG	UNITS	OFFSET	SPCL HDLG	BUS RATE	# OF BITS	INTRPL VALID	DELAY
MEAS ID				WORD POS	NO OF WORDS		TYPE	LOCATION	RESP	GRP		
6170248 2.17	S/T #2L RIB IN CWT	DESCRIPTION: TEMPERATURE, SURFACE #2. ON LEFT SIDE OF BODY RIB INSIDE CWT. BETWEEN SNB 2 AND MID SPAR.		HS -60	250	DEG F			1			0 0
				TEMP		BODY				Y EP		
COMMENT: THERMOCOUPLE SHOULD BE EQUIDISTANT FROM TOP AND BOTTOM AND CENTERED LONGITUDINALLY IN EACH BAY.				ORIGINATOR: DJP 06/19/97		LAST REVISION: DJP 07/02/97		ADDED BY: DJP 06/20/97		APPVD BY: RLP 07/12/97		
				DELE BY:		APPVD BY:		APPROVAL CMT:		CNFLT:		
				TIRL TM/CALMS:		AP TM/CALMS: N						
6170249 2.17	S/T #3L RIB IN CWT	DESCRIPTION: TEMPERATURE, SURFACE #3. ON LEFT SIDE OF BODY RIB INSIDE CWT. BETWEEN MID SPAR AND SNB 1.		HS -60	250	DEG F			1			0 0
				TEMP		BODY				Y EP		
COMMENT: THERMOCOUPLE SHOULD BE EQUIDISTANT FROM TOP AND BOTTOM AND CENTERED LONGITUDINALLY IN EACH BAY.				ORIGINATOR: DJP 06/19/97		LAST REVISION: DJP 07/02/97		ADDED BY: DJP 06/20/97		APPVD BY: RLP 07/12/97		
				DELE BY:		APPVD BY:		APPROVAL CMT:		CNFLT:		
				TIRL TM/CALMS:		AP TM/CALMS: N						
6170250 2.17	S/T #4L RIB IN CWT	DESCRIPTION: TEMPERATURE, SURFACE #4. ON LEFT SIDE OF BODY RIB INSIDE CWT. BETWEEN SNB 1 AND REAR SPAR.		HS -60	250	DEG F			1			0 0
				TEMP		BODY				Y EP		
COMMENT: THERMOCOUPLE SHOULD BE EQUIDISTANT FROM TOP AND BOTTOM AND CENTERED LONGITUDINALLY IN EACH BAY.				ORIGINATOR: DJP 06/19/97		LAST REVISION: DJP 07/02/97		ADDED BY: DJP 06/20/97		APPVD BY: RLP 07/12/97		
				DELE BY:		APPVD BY:		APPROVAL CMT:		CNFLT:		
				TIRL TM/CALMS:		AP TM/CALMS: N						

MEAS NO SECT NO	DATA TITLE	MEASUREMENT COMMENTS	RC MD	MIN VALUE	MAX VALUE	UNITS	ACC	FREQ/ SAMPL RATE	FIL TER	CUTOFF FREQ HI---LO	PHR 10	DSPL CODE
MNEMONIC			BUS NAME	DATA LABEL	REQD TYPE	BITS	LSB	RSLN	SDI/ EXT	ZERO	CNT	
SOURCE POS SOURCE			SC	FACT	SIG	UNITS	OFFSET	SPCL HDLG	BUS RATE	# OF BITS	INTRPL VALID	DELAY
MEAS ID			WORD	POS	NO OF	WORDS	TYPE	LOCATION	RESP	GRP		
6170251 2.17	S/T FRONT RT EXT CNT BTM	DESCRIPTION: TEMPERATURE, SURFACE. ON FRONT SIDE OF CNT BOTTOM (EXTERNAL) ABOVE RIGHT PNEUMATIC BLEED DUCT.	HS	-60	250	DEG F	2.000	1				-1 1
COMMENT: EVG 747-100, TMA 000 INVESTIGATION.			ORIGINATOR: DJP 06/20/97	LAST REVISION: DJP 06/20/97		ADDED BY: DJP 06/23/97		APPVD BY: RLP 07/12/97		DELE BY: APPVD BY:		
			APPROVAL CMT:	CNFLT:			TIRL TH/CALMS:		AP TH/CALMS: N			
6170252 2.17	S/T REAR RT EXT CNT BTM	DESCRIPTION: TEMPERATURE, SURFACE #2. ON CNT BOTTOM ABOVE RIGHT SIDE OF PNEUMATIC BLEED DUCT AT THE REAR OF THE LOWER TANK SURFACE.	HS	-60	250	DEG F	2.000	1				-1 1
COMMENT: EVG 747-100, TMA 000 INVESTIGATION.			ORIGINATOR: DJP 06/19/97	LAST REVISION: DJP 06/20/97		ADDED BY: DJP 06/20/97		APPVD BY: RLP 07/12/97		DELE BY: APPVD BY:		
			APPROVAL CMT:	CNFLT:			TIRL TH/CALMS:		AP TH/CALMS: N			
6170253 2.17	S/T FRONT LT EXT CNT BTM	DESCRIPTION: TEMPERATURE, SURFACE #1. ON CNT BOTTOM ABOVE LEFT SIDE OF PNEUMATIC BLEED DUCT AT THE FRONT OF THE LOWER TANK SURFACE.	HS	-60	250	DEG F	2.000	1				-1 1
COMMENT: EVG 747-100, TMA 000 INVESTIGATION.			ORIGINATOR: DJP 06/19/97	LAST REVISION: DJP 06/20/97		ADDED BY: DJP 06/20/97		APPVD BY: RLP 07/12/97		DELE BY: APPVD BY:		
			APPROVAL CMT:	CNFLT:			TIRL TH/CALMS:		AP TH/CALMS: N			

MEAS NO SECT NO	DATA TITLE	MEASUREMENT COMMENTS	RC MD	MIN VALUE	MAX VALUE	UNITS	ACC	FREQ/ SAMPL RATE	FIL TER	CUTOFF FREQ HI---LO	PHR 10	DSPL CODE
MNEMONIC			BUS NAME	DATA LABEL	REQD TYPE	BITS	LSB	RSLN	SDI/ EXT	ZERO	CNT	
SOURCE POS SOURCE			SC	FACT	SIG	UNITS	OFFSET	SPCL HDLG	BUS RATE	# OF BITS	INTRPL VALID	DELAY
MEAS ID			WORD	POS	NO OF	WORDS	TYPE	LOCATION	RESP	GRP		
6170254 2.17	S/T REAR LT EXT CNT BTM	DESCRIPTION: TEMPERATURE, SURFACE #2. ON CNT BOTTOM ABOVE LEFT SIDE OF PNEUMATIC BLEED DUCT AT THE REAR OF THE LOWER TANK SURFACE.	HS	-60	250	DEG F	2.000	1				-1 1
COMMENT:			ORIGINATOR: DJP 06/19/97	LAST REVISION: DJP 06/20/97		ADDED BY: DJP 06/20/97		APPVD BY: RLP 07/12/97		DELE BY: APPVD BY:		
			APPROVAL CMT:	CNFLT:			TIRL TH/CALMS:		AP TH/CALMS: N			
6170255 2.17	S/T #1 INT CNT TOP	DESCRIPTION: TEMPERATURE, SURFACE #1. ON INTERIOR CNT ROOF IN THE CENTER OF THE AFT BAY (LEFT SIDE).	HS	-60	250	DEG F	2.000	1				-1 1
COMMENT:			ORIGINATOR: DJP 06/19/97	LAST REVISION: DJP 06/20/97		ADDED BY: DJP 06/20/97		APPVD BY: RLP 07/12/97		DELE BY: APPVD BY:		
			APPROVAL CMT:	CNFLT:			TIRL TH/CALMS:		AP TH/CALMS: N			
6170256 2.17	S/T #2 INT CNT TOP	DESCRIPTION: TEMPERATURE, SURFACE #2. ON INTERIOR CNT ROOF BETWEEN MID-SPAR AND SPANWISE BEAM 2	HS	-60	250	DEG F	2.000	1				-1 1
COMMENT:			ORIGINATOR: DJP 06/19/97	LAST REVISION: DJP 06/20/97		ADDED BY: DJP 06/20/97		APPVD BY: RLP 07/12/97		DELE BY: APPVD BY:		
			APPROVAL CMT:	CNFLT:			TIRL TH/CALMS:		AP TH/CALMS: N			

MEAS NO SECT NO	DATA TITLE	MEASUREMENT DESCRIPTION COMMENTS	RC MD	MIN VALUE	MAX VALUE	UNITS	ACC	FREQ/ SAMPL	FIL TER	CUTOFF		PWR 10	DSPL CODE
								RATE		HI	LO		
MNEMONIC			BUS NAME	DATA LABEL	REQD TYPE	REQD BITS	LSB	RSLN	SDI/ EXT	ZERO CNT			
SOURCE POS SOURCE			SC FACT	SIG	UNITS	OFFSET	SPCL HDLG	BUS RATE	# OF BITS	INTRPL VALID	DELAY		
MEAS ID			WORD POS	NO OF WORDS		TYPE	LOCATION		RESP GRP				
6170257 2.17	S/T #3 INT CMT TOP	DESCRIPTION: TEMPERATURE, SURFACE #3. ON INTERI OR CMT ROOF BETWEEN SPANWISE BEAM2 AND SPANWISE BEAM 3.	HS -60	250	DEG F	2.000		1				-1	1
COMMENT:			ORIGINATOR: DJP 06/19/97 LAST REVISION: ADDED BY: DJP 06/20/97 APPVD BY: DELE BY: APPVD BY: APPROVAL CMT: CNFLT: TIRL TM/CALMS: AP TM/CALMS: N										
6170258 2.17	S/T XFEED TUBE	DESCRIPTION: TEMPERATURE, SURFACE. ON CROSS FEE D TUBE NEAR BBL 0 RID.	HS -60	250	DEG F	2.000		1				-1	1
COMMENT:			ORIGINATOR: DJP 06/19/97 LAST REVISION: ADDED BY: DJP 06/20/97 APPVD BY: DELE BY: APPVD BY: APPROVAL CMT: CNFLT: TIRL TM/CALMS: AP TM/CALMS: N										
6170259 2.17	S/T RT INT REAR SPAR	DESCRIPTION: TEMPERATURE, SURFACE. ON INTERIOR REAR SPAR IN RIGHT REAR BAY.	HS -60	250	DEG F	2.000		1				-1	1
COMMENT:			ORIGINATOR: DJP 06/19/97 LAST REVISION: DJP 06/19/97 ADDED BY: DJP 06/20/97 APPVD BY: DELE BY: APPVD BY: APPROVAL CMT: CNFLT: TIRL TM/CALMS: AP TM/CALMS: N										

MEAS NO SECT NO	DATA TITLE	MEASUREMENT DESCRIPTION COMMENTS	RC MD	MIN VALUE	MAX VALUE	UNITS	ACC	FREQ/ SAMPL	FIL TER	CUTOFF		PWR 10	DSPL CODE
								RATE		HI	LO		
MNEMONIC			BUS NAME	DATA LABEL	REQD TYPE	REQD BITS	LSB	RSLN	SDI/ EXT	ZERO CNT			
SOURCE POS SOURCE			SC FACT	SIG	UNITS	OFFSET	SPCL HDLG	BUS RATE	# OF BITS	INTRPL VALID	DELAY		
MEAS ID			WORD POS	NO OF WORDS		TYPE	LOCATION		RESP GRP				
6170260 2.17	S/T LT INT REAR SPAR	DESCRIPTION: TEMPERATURE, SURFACE. ON INTERIOR REAR SPAR INSIDE LEFT REAR BAY.	HS -60	250	DEG F	2.000		1				-1	1
COMMENT:			ORIGINATOR: DJP 06/19/97 LAST REVISION: ADDED BY: DJP 06/20/97 APPVD BY: DELE BY: APPVD BY: APPROVAL CMT: CNFLT: TIRL TM/CALMS: AP TM/CALMS: N										
6170261 2.17	S/T LT PACK FLOW VALVE	DESCRIPTION: TEMPERATURE, SURFACE. ON LEFT PACT FLOW CONTROL VALVE.	HS -60	250	DEG F	2.000		1				-1	1
COMMENT:			ORIGINATOR: DJP 06/19/97 LAST REVISION: ADDED BY: DJP 06/20/97 APPVD BY: DELE BY: APPVD BY: APPROVAL CMT: CNFLT: TIRL TM/CALMS: AP TM/CALMS: N										
6170262 2.17	S/T CEN PACK FLOW VALVE	DESCRIPTION: TEMPERATURE, SURFACE. ON CENTER PA CT FLOW CONTROL VALVE.	HS -60	250	DEG F	2.000		1				-1	1
COMMENT:			ORIGINATOR: DJP 06/19/97 LAST REVISION: ADDED BY: DJP 06/20/97 APPVD BY: DELE BY: APPVD BY: APPROVAL CMT: CNFLT: TIRL TM/CALMS: AP TM/CALMS: N										

MEAS NO SECT NO	DATA TITLE	MEASUREMENT DESCRIPTION COMMENTS	RC MD	MIN VALUE	MAX VALUE	UNITS	ACC	FREQ/ SAMPL RATE	FIL TER	CUTOFF FREQ HI---LO	PWR 10	DSPL CODE
MNEMONIC			BUS NAME	DATA LABEL	REQD TYPE	REQU BITS	LSB	RSLM	SDI/ EXT	ZERO	CNT	
SOURCE POS SOURCE			SC	FACT	SIG	UNITS	OFFSET	SPCL HDLG	BUS RATE	# OF BITS	INTRPL VALID	DELAY
MEAS ID			WORD	POS	NO OF WORDS	TYPE	LOCATION	RESP	GRP			
6170265 2.17	S/T RT PACK FLOW VALVE	DESCRIPTION: TEMPERATURE, SURFACE. ON RIGHT PAC HS T FLOW CONTROL VALVE.	-60	250	DEG F	2.000	1					-1 1
COMMENT:			ORIGINATOR: DJP 06/19/97			LAST REVISION:			Y			
			ADDED BY: DJP 06/20/97			APPVD BY:			EP			
			DELE BY:			APPVD BY:			RLP 07/12/97			
			APPROVAL CMT:									
			CNFLT:									
			TIRL TH/CALMS:			AP TH/CALMS: N						
6170267 2.17	S/T EXH LVR HEAT EXCHNGR	DESCRIPTION: TEMPERATURE, SURFACE. ON BACK OF E HS XHAUST LOUVER NEAR THE CENTER OF LEFT HEAT EXCHA NGER.	-60	250	DEG F	2.000	1					-1 1
COMMENT:			ORIGINATOR: DJP 06/19/97			LAST REVISION:			Y			
			ADDED BY: DJP 06/20/97			APPVD BY:			EP			
			DELE BY:			APPVD BY:			RLP 07/12/97			
			APPROVAL CMT:									
			CNFLT:									
			TIRL TH/CALMS:			AP TH/CALMS: N						
6170268 2.17	S/T EXH LVR HEAT EXCHNGR	DESCRIPTION: TEMPERATURE, SURFACE. ON BACK OF E HS XHAUST LOUVER NEAR THE CENTER OF CENTER HEAT EXC HANGER.	-60	250	DEG F	2.000	1					-1 1
COMMENT:			ORIGINATOR: DJP 06/19/97			LAST REVISION:			Y			
			ADDED BY: DJP 06/20/97			APPVD BY:			EP			
			DELE BY:			APPVD BY:			RLP 07/12/97			
			APPROVAL CMT:									
			CNFLT:									
			TIRL TH/CALMS:			AP TH/CALMS: N						

MEAS NO SECT NO	DATA TITLE	MEASUREMENT DESCRIPTION COMMENTS	RC MD	MIN VALUE	MAX VALUE	UNITS	ACC	FREQ/ SAMPL RATE	FIL TER	CUTOFF FREQ HI---LO	PWR 10	DSPL CODE
MNEMONIC			BUS NAME	DATA LABEL	REQD TYPE	REQU BITS	LSB	RSLM	SDI/ EXT	ZERO	CNT	
SOURCE POS SOURCE			SC	FACT	SIG	UNITS	OFFSET	SPCL HDLG	BUS RATE	# OF BITS	INTRPL VALID	DELAY
MEAS ID			WORD	POS	NO OF WORDS	TYPE	LOCATION	RESP	GRP			
6170269 2.17	S/T EXH LVR HEAT EXCHNGR	DESCRIPTION: TEMPERATURE, SURFACE. ON BACK OF E HS XHAUST LOUVER NEAR THE CENTER OF RIGHT HEAT EXCH ANGER.	-60	250	DEG F	2.000	1					-1 1
COMMENT:			ORIGINATOR: DJP 06/19/97			LAST REVISION:			Y			
			ADDED BY: DJP 06/20/97			APPVD BY:			EP			
			DELE BY:			APPVD BY:			RLP 07/12/97			
			APPROVAL CMT:									
			CNFLT:									
			TIRL TH/CALMS:			AP TH/CALMS: N						
6170270 2.17	S/T LT OUTLT H2O SEPERATR	DESCRIPTION: TEMPERATURE, SURFACE. ON OUTLET OF HS LEFT WATER SEPERATOR.	-60	250	DEG F	2.000	1					-1 1
COMMENT:			ORIGINATOR: DJP 06/19/97			LAST REVISION:			Y			
			ADDED BY: DJP 06/20/97			APPVD BY:			EP			
			DELE BY:			APPVD BY:			RLP 07/12/97			
			APPROVAL CMT:									
			CNFLT:									
			TIRL TH/CALMS:			AP TH/CALMS: N						
6170271 2.17	S/T CEN OUTL H2O SEPERATR	DESCRIPTION: TEMPERATURE, SURFACE. ON OUTLET OF HS CENTER WATER SEPERATOR.	-60	250	DEG F	2.000	1					-1 1
COMMENT:			ORIGINATOR: DJP 06/19/97			LAST REVISION:			Y			
			ADDED BY: DJP 06/20/97			APPVD BY:			EP			
			DELE BY:			APPVD BY:			RLP 07/12/97			
			APPROVAL CMT:									
			CNFLT:									
			TIRL TH/CALMS:			AP TH/CALMS: N						

MEAS NO SECT NO	DATA TITLE	MEASUREMENT DESCRIPTION COMMENTS	RC MD	MIN VALUE	MAX VALUE	UNITS	ACC	FREQ/ SAMPL RATE	FIL TER	CUTOFF FREQ HI---LO	PWR 10	DSPL CODE
MNEMONIC			BUS NAME	DATA LABEL	REQD TYPE	REQU BITS	LSB	RSLN	SDI/ EXT	ZERO	CNT	
SOURCE POS SOURCE			SC FACT	SIG	UNITS	OFFSET	SPCL HDLG	BUS RATE	# OF BITS	INTRPL VALID	DELAY	
MEAS ID			WORD POS	NO OF WORDS	TYPE	LOCATION	RESP	GRP				
6170272 2.17	S/T RT OUTLT H2O SEPERATR	DESCRIPTION: TEMPERATURE, SURFACE. ON OUTLET OF RIGHT WATER SEPERATOR.	HS -60	250	DEG F	2.000	1					-1 1
COMMENT:			ORIGINATOR: DJP 06/19/97	LAST REVISION:								
			ADDED BY: DJP 06/20/97	APPVD BY:		RLP 07/12/97						
			DELE BY:	APPVD BY:								
			APPROVAL CMT:									
			CNFLT:									
			TIRL TH/CALMS:	AP TH/CALMS: N								
6170274 2.17	A/T #6 FWD BAY #2	DESCRIPTION: TEMPERATURE, AMBIENT #6. BETWEEN TOP AND BOTTOM SURFACE, CENTERED IN BAY LOCATED BETWEEN SPANWISE BEAMS 2 AND 3. CENTER T/C IN F ORWARD-MOST TREE OF 11.	HS -60	250	DEG F	2.000	1					-1 1
COMMENT:			ORIGINATOR: DJP 06/19/97	LAST REVISION:		DJP 07/09/97						
			ADDED BY: DJP 06/20/97	APPVD BY:		RLP 07/12/97						
			DELE BY:	APPVD BY:								
			APPROVAL CMT:									
			CNFLT:									
			TIRL TH/CALMS:	AP TH/CALMS: N								
6170277 2.17	A/T #6 BAY #3	DESCRIPTION: TEMPERATURE, AMBIENT #6. BETWEEN T OP AND BOTTOM SURFACE, CENTERED IN BAY LOCATED B ETWEEN SPANWISE BEAMS 2 AND MIDSPAR. 6TH T/C IN AFT-MOST TREE OF 11.	HS -60	250	DEG F	2.000	1					-1 1
COMMENT: EVG 747-100 (TWA 800 INVESTIGATION).			ORIGINATOR: DJP 06/19/97	LAST REVISION:		DJP 07/09/97						
			ADDED BY: DJP 06/20/97	APPVD BY:		RLP 07/12/97						
			DELE BY:	APPVD BY:								
			APPROVAL CMT:									
			CNFLT:									
			TIRL TH/CALMS:	AP TH/CALMS: N								

MEAS NO SECT NO	DATA TITLE	MEASUREMENT DESCRIPTION COMMENTS	RC MD	MIN VALUE	MAX VALUE	UNITS	ACC	FREQ/ SAMPL RATE	FIL TER	CUTOFF FREQ HI---LO	PWR 10	DSPL CODE
MNEMONIC			BUS NAME	DATA LABEL	REQD TYPE	REQU BITS	LSB	RSLN	SDI/ EXT	ZERO	CNT	
SOURCE POS SOURCE			SC FACT	SIG	UNITS	OFFSET	SPCL HDLG	BUS RATE	# OF BITS	INTRPL VALID	DELAY	
MEAS ID			WORD POS	NO OF WORDS	TYPE	LOCATION	RESP	GRP				
6170279 2.17	A/T #1 LT FWD BAY #1	DESCRIPTION: TEMPERATURE, AMBIENT #1. 3 INCHES FROM BOTTOM OF SURFACE AND FOUR INCHES FROM LEFT SIDE OF BODY STRINGER IN FORWARD BAY (LOCATED B ETWEEN SPANWISE BEAMS 2 AND 3).	HS -60	250	DEG F	2.000	1					-1 1
COMMENT: CENTER THERMOCOUPLE LONGITUDINALLY BET WEEN SPANWISE BEAMS 2 AND 3.			ORIGINATOR: DJP 06/19/97	LAST REVISION:		DJP 06/19/97						
			ADDED BY: DJP 06/20/97	APPVD BY:		RLP 07/12/97						
			DELE BY:	APPVD BY:								
			APPROVAL CMT:									
			CNFLT:									
			TIRL TH/CALMS:	AP TH/CALMS: N								
6170280 2.17	A/T #2 LT FWD BAY #1	DESCRIPTION: TEMPERATURE, AMBIENT #2. BETWEEN T OP AND BOTTOM OF SURFACES AND FOUR INCHES FROM L EFT SIDE OF BODY STRINGER IN FORWARD BAY (LOCATE D BETWEEN SPANWISE BEAMS 2 AND 3).	HS -60	250	DEG F	2.000	1					-1 1
COMMENT: CENTER THERMOCOUPLE LONGITUDINALLY BET WEEN SPANWISE BEAMS 2 AND 3.			ORIGINATOR: DJP 06/19/97	LAST REVISION:		DJP 06/19/97						
			ADDED BY: DJP 06/20/97	APPVD BY:		RLP 07/12/97						
			DELE BY:	APPVD BY:								
			APPROVAL CMT:									
			CNFLT:									
			TIRL TH/CALMS:	AP TH/CALMS: N								
6170281 2.17	A/T #3 LT FWD BAY #1	DESCRIPTION: TEMPERATURE, AMBIENT #3. 3 INCHES FROM TOP OF SURFACE AND FOUR INCHES FROM LEFT SI DE OF BODY STRINGER IN FORWARD BAY (LOCATED BETW EEN SPANWISE BEAMS 2 AND 3).	HS -60	250	DEG F	2.000	1					-1 1
COMMENT: CENTER THERMOCOUPLE LONGITUDINALLY BET WEEN SPANWISE BEAMS 2 AND 3.			ORIGINATOR: DJP 06/19/97	LAST REVISION:		DJP 06/19/97						
			ADDED BY: DJP 06/20/97	APPVD BY:		RLP 07/12/97						
			DELE BY:	APPVD BY:								
			APPROVAL CMT:									
			CNFLT:									
			TIRL TH/CALMS:	AP TH/CALMS: N								

MEAS NO SECT NO	DATA TITLE	MEASUREMENT DESCRIPTION COMMENTS	RC MD	MIN VALUE	MAX VALUE	UNITS	FREQ/ SAMPL RATE	FIL TER	CUTOFF FREQ HI---LO	PWR 10	DSPL CODE
MNEMONIC			BUS NAME	DATA LABEL	REQD TYPE	REQU BITS	LSB RSLN	SDI/ EXT	ZERO CNT		
SOURCE POS SOURCE			SC FACT	SIG	UNITS	OFFSET	SPCL MDLG	BUS RATE	# OF BITS	INTRPL VALID	DELAY
MEAS ID			WORD POS	NO OF WORDS	TYPE	LOCATION	RESP	GRP			
6170202 2.17	A/T #1 RT FWD BAY #1	DESCRIPTION: TEMPERATURE, AMBIENT #1. 3 INCHES FROM BOTTOM OF SURFACE AND FOUR INCHES FROM RIGHT SIDE OF BODY STRINGER IN FORWARD BAY (LOCATED BETWEEN SPANWISE BEAM 2 AND 3). COMMENT: CENTER THERMOCOUPLE LONGITUDINALLY BETWEEN SPANWISE BEAMS 2 AND 3.	HS -60	250	DEG F	2.000	1				-1 1
					TEMP	BODY				Y EP	
			ORIGINATOR: DJP 06/19/97		LAST REVISION: DJP 06/19/97		ADDED BY: DJP 06/20/97		APPVD BY: RLP 07/12/97		
			DELE BY:		APPROVAL CMT:		CNFLT:		TIRL TH/CALMS:		
					AP TH/CALMS: N						
6170203 2.17	A/T #2 RT FWD BAY #1	DESCRIPTION: TEMPERATURE, AMBIENT #2. BETWEEN TOP AND BOTTOM OF SURFACES AND FOUR INCHES FROM RIGHT SIDE OF BODY STRINGER IN FORWARD BAY (LOCATED BETWEEN SPANWISE BEAMS 2 AND 3). COMMENT: CENTER THERMOCOUPLE LONGITUDINALLY BETWEEN SPANWISE BEAMS 2 AND 3.	HS -60	250	DEG F	2.000	1				-1 1
					TEMP	BODY				Y EP	
			ORIGINATOR: DJP 06/19/97		LAST REVISION: DJP 06/19/97		ADDED BY: DJP 06/20/97		APPVD BY: RLP 07/12/97		
			DELE BY:		APPROVAL CMT:		CNFLT:		TIRL TH/CALMS:		
					AP TH/CALMS: N						
6170204 2.17	A/T #3 RT FWD BAY #1	DESCRIPTION: TEMPERATURE, AMBIENT #3. 3 INCHES FROM TOP OF SURFACE AND FOUR INCHES FROM RIGHT SIDE OF BODY STRINGER IN FORWARD BAY (LOCATED BETWEEN SPANWISE BEAMS 2 AND 3). COMMENT: CENTER THERMOCOUPLE LONGITUDINALLY BETWEEN SPANWISE BEAMS 2 AND 3.	HS -60	250	DEG F	2.000	1				-1 1
					TEMP	BODY				Y EP	
			ORIGINATOR: DJP 06/19/97		LAST REVISION: DJP 06/19/97		ADDED BY: DJP 06/20/97		APPVD BY: RLP 07/12/97		
			DELE BY:		APPROVAL CMT:		CNFLT:		TIRL TH/CALMS:		
					AP TH/CALMS: N						

MEAS NO SECT NO	DATA TITLE	MEASUREMENT DESCRIPTION COMMENTS	RC MD	MIN VALUE	MAX VALUE	UNITS	FREQ/ SAMPL RATE	FIL TER	CUTOFF FREQ HI---LO	PWR 10	DSPL CODE
MNEMONIC			BUS NAME	DATA LABEL	REQD TYPE	REQU BITS	LSB RSLN	SDI/ EXT	ZERO CNT		
SOURCE POS SOURCE			SC FACT	SIG	UNITS	OFFSET	SPCL MDLG	BUS RATE	# OF BITS	INTRPL VALID	DELAY
MEAS ID			WORD POS	NO OF WORDS	TYPE	LOCATION	RESP	GRP			
6170205 2.17	A/T #1 LT FWD BAY #2	DESCRIPTION: TEMPERATURE, AMBIENT #1. 3 INCHES FROM BOTTOM OF SURFACE AND FOUR INCHES FROM RIGHT SIDE OF BODY STRINGER IN FORWARD BAY (LOCATED BETWEEN SPANWISE BEAM 2 AND MID SPAR). COMMENT: CENTERED LONGITUDINALLY BETWEEN THE SPANWISE BEAM 2 AND MID SPAR.	HS -60	250	DEG F	2.000	1				-1 1
					TEMP	BODY				Y EP	
			ORIGINATOR: DJP 06/19/97		LAST REVISION: DJP 06/19/97		ADDED BY: DJP 06/20/97		APPVD BY: RLP 07/12/97		
			DELE BY:		APPROVAL CMT:		CNFLT:		TIRL TH/CALMS:		
					AP TH/CALMS: N						
6170206 2.17	A/T #2 LT FWD BAY #2	DESCRIPTION: TEMPERATURE, AMBIENT #2. BETWEEN TOP AND BOTTOM SURFACES AND FOUR INCHES FROM RIGHT SIDE OF BODY STRINGER IN FORWARD BAY (LOCATED BETWEEN SPANWISE BEAM 2 AND MID SPAR). COMMENT: CENTERED LONGITUDINALLY BETWEEN THE SPANWISE BEAM 2 AND MID SPAR.	HS -60	250	DEG F	2.000	1				-1 1
					TEMP	BODY				Y EP	
			ORIGINATOR: DJP 06/19/97		LAST REVISION: DJP 06/19/97		ADDED BY: DJP 06/20/97		APPVD BY: RLP 07/12/97		
			DELE BY:		APPROVAL CMT:		CNFLT:		TIRL TH/CALMS:		
					AP TH/CALMS: N						
6170207 2.17	A/T #3 LT FWD BAY #2	DESCRIPTION: TEMPERATURE, AMBIENT #3. 3 INCHES FROM TOP OF SURFACE AND FOUR INCHES FROM RIGHT SIDE OF BODY STRINGER IN FORWARD BAY (LOCATED BETWEEN SPANWISE BEAM 2 AND MID SPAR). COMMENT: CENTERED LONGITUDINALLY BETWEEN THE SPANWISE BEAM 2 AND MID SPAR.	HS -60	250	DEG F	2.000	1				-1 1
					TEMP	BODY				Y EP	
			ORIGINATOR: DJP 06/19/97		LAST REVISION: DJP 06/19/97		ADDED BY: DJP 06/20/97		APPVD BY: RLP 07/12/97		
			DELE BY:		APPROVAL CMT:		CNFLT:		TIRL TH/CALMS:		
					AP TH/CALMS: N						

MEAS NO SECT NO	DATA TITLE	MEASUREMENT DESCRIPTION COMMENTS	RC MD	MIN VALUE	MAX VALUE	UNITS	ACC	FREQ/ SAMPL RATE	FIL TER	CUTOFF FREQ HI---LO	PWR 10	DSPL CODE
MNEMONIC			BUS NAME	DATA LABEL	REQD TYPE	BITS	LSB	RSLN	SDI/ EXT	ZERO	CNT	
SOURCE POS SOURCE			SC	FACT	SIG	UNITS	OFFSET	SPCL HDLG	BUS RATE	# OF BITS	INTRPL VALID	DELAY
MEAS ID			WORD	POS	NO OF WORDS	TYPE	LOCATION	RESP	GRP			
6170200 2.17	A/T #1 RT FWD BAY #2	DESCRIPTION: TEMPERATURE, AMBIENT #1. 3 INCHES FROM BOTTOM OF SURFACE AND FOUR INCHES FROM RIGHT SIDE OF BODY STRINGER IN FORWARD BAY (LOCATED BETWEEN SPANNISE BEAM 2 AND MID SPAR). COMMENT: CENTERED LONGITUDINALLY BETWEEN THE SPANNISE BEAM 2 AND MID SPAR.	HS -60	250	DEG F	2.000	1					-1 1
			TEMP	BODY							Y EP	
			ORIGINATOR: DJP 06/19/97	LAST REVISION:								RPL 07/12/97
			ADDED BY: DJP 06/20/97	APPVD BY:								
			DELE BY:	APPVD BY:								
			APPROVAL CMT:									
			CNFLT:									
			TIRL TH/CALMS:	AP TH/CALMS: N								
6170209 2.17	A/T #2 RT FWD BAY #2	DESCRIPTION: TEMPERATURE, AMBIENT #2. BETWEEN TOP AND BOTTOM OF SURFACE AND FOUR INCHES FROM RIGHT SIDE OF BODY STRINGER IN FORWARD BAY (LOCATED BETWEEN SPANNISE BEAM 2 AND MID SPAR). COMMENT: CENTERED LONGITUDINALLY BETWEEN THE SPANNISE BEAM 2 AND MID SPAR.	HS -60	250	DEG F	2.000	1					-1 1
			TEMP	BODY							Y EP	
			ORIGINATOR: DJP 06/19/97	LAST REVISION:								RPL 07/12/97
			ADDED BY: DJP 06/20/97	APPVD BY:								
			DELE BY:	APPVD BY:								
			APPROVAL CMT:									
			CNFLT:									
			TIRL TH/CALMS:	AP TH/CALMS: N								
6170290 2.17	A/T #3 RT FWD BAY #2	DESCRIPTION: TEMPERATURE, AMBIENT #3. 3 INCHES FROM TOP OF SURFACE AND FOUR INCHES FROM RIGHT SIDE OF BODY STRINGER IN FORWARD BAY (LOCATED BETWEEN SPANNISE BEAM 2 AND MID SPAR). COMMENT: CENTERED LONGITUDINALLY BETWEEN THE SPANNISE BEAM 2 AND MID SPAR.	HS -60	250	DEG F	2.000	1					-1 1
			TEMP	BODY							Y EP	
			ORIGINATOR: DJP 06/19/97	LAST REVISION:								RPL 07/12/97
			ADDED BY: DJP 06/20/97	APPVD BY:								
			DELE BY:	APPVD BY:								
			APPROVAL CMT:									
			CNFLT:									
			TIRL TH/CALMS:	AP TH/CALMS: N								

MEAS NO SECT NO	DATA TITLE	MEASUREMENT DESCRIPTION COMMENTS	RC MD	MIN VALUE	MAX VALUE	UNITS	ACC	FREQ/ SAMPL RATE	FIL TER	CUTOFF FREQ HI---LO	PWR 10	DSPL CODE
MNEMONIC			BUS NAME	DATA LABEL	REQD TYPE	BITS	LSB	RSLN	SDI/ EXT	ZERO	CNT	
SOURCE POS SOURCE			SC	FACT	SIG	UNITS	OFFSET	SPCL HDLG	BUS RATE	# OF BITS	INTRPL VALID	DELAY
MEAS ID			WORD	POS	NO OF WORDS	TYPE	LOCATION	RESP	GRP			
6170291 2.17	A/T #1 LEFT MID BAY	DESCRIPTION: TEMPERATURE, AMBIENT #1. CENTERED, 3 INCHES FROM BOTTOM SURFACE, IN LEFT BAY LOCATED BETWEEN MID SPAR AND SPANNISE BEAM 1. COMMENT:	HS -60	250	DEG F	2.000	1					-1 1
			TEMP	BODY							Y EP	
			ORIGINATOR: DJP 06/19/97	LAST REVISION:								RPL 07/12/97
			ADDED BY: DJP 06/20/97	APPVD BY:								
			DELE BY:	APPVD BY:								
			APPROVAL CMT:									
			CNFLT:									
			TIRL TH/CALMS:	AP TH/CALMS: N								
6170292 2.17	A/T #2 LEFT MID BAY	DESCRIPTION: TEMPERATURE, AMBIENT #2. CENTERED, BETWEEN TOP AND BOTTOM SURFACES, IN LEFT BAY LOCATED BETWEEN MID SPAR AND SPANNISE BEAM 1. COMMENT:	HS -60	250	DEG F	2.000	1					-1 1
			TEMP	BODY							Y EP	
			ORIGINATOR: DJP 06/19/97	LAST REVISION:								RPL 07/12/97
			ADDED BY: DJP 06/20/97	APPVD BY:								
			DELE BY:	APPVD BY:								
			APPROVAL CMT:									
			CNFLT:									
			TIRL TH/CALMS:	AP TH/CALMS: N								
6170293 2.17	A/T #3 LEFT MID BAY	DESCRIPTION: TEMPERATURE, AMBIENT #3. CENTERED, 3 INCHES FROM TOP SURFACE, IN LEFT BAY LOCATED BETWEEN MID SPAR AND SPANNISE BEAM 1. COMMENT:	HS -60	250	DEG F	2.000	1					-1 1
			TEMP	BODY							Y EP	
			ORIGINATOR: DJP 06/19/97	LAST REVISION:								RPL 07/12/97
			ADDED BY: DJP 06/20/97	APPVD BY:								
			DELE BY:	APPVD BY:								
			APPROVAL CMT:									
			CNFLT:									
			TIRL TH/CALMS:	AP TH/CALMS: N								

MEAS NO SECT NO	DATA TITLE	MEASUREMENT COMMENTS	RC MD	MIN VALUE	MAX VALUE	UNITS	ACC	FREQ/ SAMPL	FIL	CUTOFF	PWR	DSPL	
								RATE	TER	FREQ			HI---LO
MNEMONIC		BUS NAME	DATA LABEL	REQD TYPE	LSB	RSLN	SDI/ EXT	ZERO	CNT				
SOURCE POS	SOURCE									SC FACT	SIG	UNITS	OFFSET
MEAS ID		WORD POS	NO OF WORDS	TYPE	LOCATION	RESP	GRP						
6170294 2.17	A/T #1 RIGHT MID BAY	DESCRIPTION: TEMPERATURE, AMBIENT #1. CENTERED, 3 INCHES FROM BOTTOM SURFACE, IN RIGHT BAY LOCATED BETWEEN MID SPAR AND SPANWISE BEAM 1.	HS	-60	250	DEG F	2.000	1				-1	1
		COMMENT:			ORIGINATOR: DJP 06/19/97	LAST REVISION:							
					ADDED BY: DJP 06/20/97	APPVD BY:		RLP 07/12/97					
					DELE BY:	APPVD BY:							
					APPROVAL CMT:								
					CNFLT:								
					TIRL TM/CALMS:	AP TM/CALMS: N							
6170295 2.17	A/T #2 RIGHT MID BAY	DESCRIPTION: TEMPERATURE, AMBIENT #2. BETWEEN T OP AND BOTTOM SURFACES,CENTERED IN RIGHT BAY LOCATED BETWEEN MID SPAR AND SPANWISE BEAM 1.	HS	-60	250	DEG F	2.000	1				-1	1
		COMMENT:			ORIGINATOR: DJP 06/19/97	LAST REVISION:							
					ADDED BY: DJP 06/20/97	APPVD BY:		RLP 07/12/97					
					DELE BY:	APPVD BY:							
					APPROVAL CMT:								
					CNFLT:								
					TIRL TM/CALMS:	AP TM/CALMS: N							
6170296 2.17	A/T #3 RIGHT MID BAY	DESCRIPTION: TEMPERATURE, AMBIENT #3. 3 INCHES F ROM TOP SURFACE,CENTERED IN RIGHT BAY LOCATED BE TWEEN MID SPAR AND SPANWISE BEAM 1.	HS	-60	250	DEG F	2.000	1				-1	1
		COMMENT:			ORIGINATOR: DJP 06/19/97	LAST REVISION:							
					ADDED BY: DJP 06/20/97	APPVD BY:		RLP 07/12/97					
					DELE BY:	APPVD BY:							
					APPROVAL CMT:								
					CNFLT:								
					TIRL TM/CALMS:	AP TM/CALMS: N							

MEAS NO SECT NO	DATA TITLE	MEASUREMENT COMMENTS	RC MD	MIN VALUE	MAX VALUE	UNITS	ACC	FREQ/ SAMPL	FIL	CUTOFF	PWR	DSPL	
								RATE	TER	FREQ			HI---LO
MNEMONIC		BUS NAME	DATA LABEL	REQD TYPE	LSB	RSLN	SDI/ EXT	ZERO	CNT				
SOURCE POS	SOURCE									SC FACT	SIG	UNITS	OFFSET
MEAS ID		WORD POS	NO OF WORDS	TYPE	LOCATION	RESP	GRP						
6170297 2.17	A/T #1 LEFT AFT BAY	DESCRIPTION: TEMPERATURE, AMBIENT #1. 3 INCHES FROM BOTTOM SURFACE, CENTERED IN LEFT BAY LOCATED D BETWEEN SPANWISE BEAM 1 AND REAR SPAR.	HS	-60	250	DEG F	2.000	1				-1	1
		COMMENT:			ORIGINATOR: DJP 06/19/97	LAST REVISION:							
					ADDED BY: DJP 06/20/97	APPVD BY:		RLP 07/12/97					
					DELE BY:	APPVD BY:							
					APPROVAL CMT:								
					CNFLT:								
					TIRL TM/CALMS:	AP TM/CALMS: N							
6170298 2.17	A/T #2 LEFT AFT BAY	DESCRIPTION: TEMPERATURE, AMBIENT #2. BETWEEN T OP AND BOTTOM SURFACES, CENTERED IN LEFT BAY LOCATED ATED BETWEEN SPANWISE BEAM 1 AND REAR SPAR.	HS	-60	250	DEG F	2.000	1				-1	1
		COMMENT:			ORIGINATOR: DJP 06/19/97	LAST REVISION: DJP 06/19/97							
					ADDED BY: DJP 06/20/97	APPVD BY:		RLP 07/12/97					
					DELE BY:	APPVD BY:							
					APPROVAL CMT:								
					CNFLT:								
					TIRL TM/CALMS:	AP TM/CALMS: N							
6170299 2.17	A/T #3 LEFT AFT BAY	DESCRIPTION: TEMPERATURE, AMBIENT #3. 3 INCHES FROM TOP SURFACE, CENTERED IN LEFT BAY LOCATED B ETWEEN SPANWISE BEAM 1 AND REAR SPAR.	HS	-60	250	DEG F	2.000	1				-1	1
		COMMENT:			ORIGINATOR: DJP 06/19/97	LAST REVISION:							
					ADDED BY: DJP 06/20/97	APPVD BY:		RLP 07/12/97					
					DELE BY:	APPVD BY:							
					APPROVAL CMT:								
					CNFLT:								
					TIRL TM/CALMS:	AP TM/CALMS: N							

MEAS NO SECT NO	DATA TITLE	MEASUREMENT DESCRIPTION COMMENTS	RC MD	MIN VALUE	MAX VALUE	UNITS	ACC	FREQ/ SAMPL RATE	FIL TER	CUTOFF FREQ HI---LO	PWR 10	DSPL CODE
MNEMONIC			BUS NAME	DATA LABEL	REQD TYPE	REGB BITS	LSB	RSLN	SDI/ EXT	ZERO	CNT	
SOURCE POS SOURCE			SC	FACT	SIG	UNITS	OFFSET	SPCL HDLG	BUS RATE	# OF BITS	INTRPL VALID	DELAY
MEAS ID			WORD	POS	NO OF WORDS	TYPE	LOCATION	RESP	GRP			
6170500 2.17	A/T #1 RIGHT AFT BAY	DESCRIPTION: TEMPERATURE, AMBIENT #1. 3 INCHES FROM BOTTOM SURFACE, CENTERED IN RIGHT BAY LOCATED BETWEEN SPANWISE BEAM 1 AND REAR SPAR.	HS	-60	250	DEG F	2.000		1			-1 1
COMMENT:			ORIGINATOR: DJP 06/19/97 LAST REVISION: DJP 07/03/97 ADDED BY: DJP 06/20/97 APPVD BY: RLP 07/12/97 DELE BY: APPVD BY: APPROVAL CMT: CNFLT: TIRL TM/CALMS: AP TM/CALMS: N									
6170501 2.17	A/T #2 RIGHT AFT BAY	DESCRIPTION: TEMPERATURE, AMBIENT #2. BETWEEN TOP AND BOTTOM SURFACES, CENTERED IN RIGHT BAY LOCATED BETWEEN SPANWISE BEAM 1 AND REAR SPAR.	HS	-60	250	DEG F	2.000		1			-1 1
COMMENT:			ORIGINATOR: DJP 06/19/97 LAST REVISION: DJP 07/03/97 ADDED BY: DJP 06/20/97 APPVD BY: RLP 07/12/97 DELE BY: APPVD BY: APPROVAL CMT: CNFLT: TIRL TM/CALMS: AP TM/CALMS: N									
6170502 2.17	A/T #3 RIGHT AFT BAY	DESCRIPTION: TEMPERATURE, AMBIENT #3. 3 INCHES FROM TOP SURFACE, CENTERED IN RIGHT BAY LOCATED BETWEEN SPANWISE BEAM 1 AND REAR SPAR.	HS	-60	250	DEG F	2.000		1			-1 1
COMMENT:			ORIGINATOR: DJP 06/19/97 LAST REVISION: DJP 07/03/97 ADDED BY: DJP 06/20/97 APPVD BY: RLP 07/12/97 DELE BY: APPVD BY: APPROVAL CMT: CNFLT: TIRL TM/CALMS: AP TM/CALMS: N									

MEAS NO SECT NO	DATA TITLE	MEASUREMENT DESCRIPTION COMMENTS	RC MD	MIN VALUE	MAX VALUE	UNITS	ACC	FREQ/ SAMPL RATE	FIL TER	CUTOFF FREQ HI---LO	PWR 10	DSPL CODE
MNEMONIC			BUS NAME	DATA LABEL	REQD TYPE	REGB BITS	LSB	RSLN	SDI/ EXT	ZERO	CNT	
SOURCE POS SOURCE			SC	FACT	SIG	UNITS	OFFSET	SPCL HDLG	BUS RATE	# OF BITS	INTRPL VALID	DELAY
MEAS ID			WORD	POS	NO OF WORDS	TYPE	LOCATION	RESP	GRP			
6170309 2.17	A/T VENT #1	DESCRIPTION: TEMPERATURE, AMBIENT. IN CENTER OF VENT INLET #1.	HS	-60	120	DEG F			1			0 0
COMMENT:			ORIGINATOR: DJP 06/19/97 LAST REVISION: DJP 07/03/97 ADDED BY: DJP 06/20/97 APPVD BY: RLP 07/12/97 DELE BY: APPVD BY: APPROVAL CMT: CNFLT: TIRL TM/CALMS: AP TM/CALMS: N									
6170310 2.17	A/T VENT #2	DESCRIPTION: TEMPERATURE, AMBIENT. IN CENTER OF VENT INLET #2.	HS	-60	120	DEG F			1			0 0
COMMENT:			ORIGINATOR: DJP 06/19/97 LAST REVISION: DJP 07/03/97 ADDED BY: DJP 06/20/97 APPVD BY: RLP 07/12/97 DELE BY: APPVD BY: APPROVAL CMT: CNFLT: TIRL TM/CALMS: AP TM/CALMS: N									
6170311 2.17	A/T VENT #3	DESCRIPTION: TEMPERATURE, AMBIENT. IN CENTER OF VENT INLET #3.	HS	-60	120	DEG F			1			0 0
COMMENT:			ORIGINATOR: DJP 06/19/97 LAST REVISION: DJP 07/03/97 ADDED BY: DJP 06/20/97 APPVD BY: RLP 07/12/97 DELE BY: APPVD BY: APPROVAL CMT: CNFLT: TIRL TM/CALMS: AP TM/CALMS: N									

MEAS NO SECT NO	DATA TITLE	MEASUREMENT COMMENTS	RC MD	MIN VALUE	MAX VALUE	UNITS	ACC	FREQ/ SAMPL	FIL TER	CUTOFF	PWR 10	DSPL CODE
								RATE		FREQ HI---LO		
MNEMONIC		DESCRIPTION	REQD BITS	LSB	RSLN	SPCL HDLG	BUS RATE	# OF BITS	INTRPL VALID	SDI/ EXT	ZERO	CNT
SOURCE POS	SOURCE											
MEAS ID			SC FACT	SIG	UNITS	OFFSET	LOCATION	RESP	GRP			
WORD POS			NO OF WORDS	TYPE	LOCATION			RESP	GRP			
6170312 2.17	A/T VENT #4	DESCRIPTION: TEMPERATURE, AMBIENT. IN CENTER OF HS -60 VENT INLET #4.	HS -60	120	DEG F			1				0 0
MNEMONIC												
SOURCE												
POS SOURCE												
MEAS ID			SC FACT	SIG	UNITS	OFFSET	LOCATION	RESP	GRP			
WORD POS			NO OF WORDS	TYPE	LOCATION			RESP	GRP			
		COMMENT:			ORIGINATOR: DJP 06/19/97	LAST REVISION: DJP 07/03/97						
					ADDED BY: DJP 06/20/97	APPVD BY: RLP 07/12/97						
					DELE BY:	APPVD BY:						
					APPROVAL CMT:							
					CNFLT:							
					TIRL TM/CALMS:	AP TM/CALMS: N						
6170313 2.17	A/T MAIN GEAR WELL	DESCRIPTION: TEMPERATURE, AMBIENT. IN MAIN GEAR WELL NEAR SCAVENGE PUMP, 1 FOOT ABOVE KEEL BEAM	HS -60	120	DEG F			1				0 0
MNEMONIC												
SOURCE												
POS SOURCE												
MEAS ID			SC FACT	SIG	UNITS	OFFSET	LOCATION	RESP	GRP			
WORD POS			NO OF WORDS	TYPE	LOCATION			RESP	GRP			
		COMMENT:			ORIGINATOR: DJP 06/19/97	LAST REVISION: RLP 07/12/97						
					ADDED BY: DJP 06/20/97	APPVD BY:						
					DELE BY:	APPVD BY:						
					APPROVAL CMT:							
					CNFLT:							
					TIRL TM/CALMS:	AP TM/CALMS: N						
6170314 2.17	A/T RT WNG TANK VENT	DESCRIPTION: TEMPERATURE, AMBIENT. CENTERED IN FLOW OF VENT COMING INTO RIGHT WING VENT SURGE TANK.	HS -60	120	DEG F			1				0 0
MNEMONIC												
SOURCE												
POS SOURCE												
MEAS ID			SC FACT	SIG	UNITS	OFFSET	LOCATION	RESP	GRP			
WORD POS			NO OF WORDS	TYPE	LOCATION			RESP	GRP			
		COMMENT:			ORIGINATOR: DJP 06/19/97	LAST REVISION: RLP 07/12/97						
					ADDED BY: DJP 06/20/97	APPVD BY:						
					DELE BY:	APPVD BY:						
					APPROVAL CMT:							
					CNFLT:							
					TIRL TM/CALMS:	AP TM/CALMS: N						

MEAS NO SECT NO	DATA TITLE	MEASUREMENT COMMENTS	RC MD	MIN VALUE	MAX VALUE	UNITS	ACC	FREQ/ SAMPL	FIL TER	CUTOFF	PWR 10	DSPL CODE
								RATE		FREQ HI---LO		
MNEMONIC		DESCRIPTION	REQD BITS	LSB	RSLN	SPCL HDLG	BUS RATE	# OF BITS	INTRPL VALID	SDI/ EXT	ZERO	CNT
SOURCE POS	SOURCE											
MEAS ID			SC FACT	SIG	UNITS	OFFSET	LOCATION	RESP	GRP			
WORD POS			NO OF WORDS	TYPE	LOCATION			RESP	GRP			
6170315 2.17	A/T RT VNT CLCTOR CAN	DESCRIPTION: TEMPERATURE, AMBIENT. IN THE RIGHT COLLECTOR CAN, WHERE THE VENTING FROM ALL TANKS IS COMBINED TO PASS OVERBOARD.	HS -60	120	DEG F			1				0 0
MNEMONIC												
SOURCE												
POS SOURCE												
MEAS ID			SC FACT	SIG	UNITS	OFFSET	LOCATION	RESP	GRP			
WORD POS			NO OF WORDS	TYPE	LOCATION			RESP	GRP			
		COMMENT:			ORIGINATOR: DJP 06/19/97	LAST REVISION: RLP 07/12/97						
					ADDED BY: DJP 06/20/97	APPVD BY:						
					DELE BY:	APPVD BY:						
					APPROVAL CMT:							
					CNFLT:							
					TIRL TM/CALMS:	AP TM/CALMS: N						
6170316 2.17	A/T LEFT WING VENT	DESCRIPTION: TEMPERATURE, AMBIENT. CENTERED IN THE VENT FLOW COMING INTO THE LEFT WING VENT SURGE TANK.	HS -60	120	DEG F			1				0 0
MNEMONIC												
SOURCE												
POS SOURCE												
MEAS ID			SC FACT	SIG	UNITS	OFFSET	LOCATION	RESP	GRP			
WORD POS			NO OF WORDS	TYPE	LOCATION			RESP	GRP			
		COMMENT:			ORIGINATOR: DJP 06/19/97	LAST REVISION: RLP 07/12/97						
					ADDED BY: DJP 06/20/97	APPVD BY:						
					DELE BY:	APPVD BY:						
					APPROVAL CMT:							
					CNFLT:							
					TIRL TM/CALMS:	AP TM/CALMS: N						
6170317 2.17	A/T LT VNT CLCTOR CAN	DESCRIPTION: TEMPERATURE, AMBIENT. IN THE LEFT COLLECTOR CAN, WHERE THE VENTING FROM ALL TANKS IS COMBINED TO PASS OVERBOARD.	HS -60	120	DEG F			1				0 0
MNEMONIC												
SOURCE												
POS SOURCE												
MEAS ID			SC FACT	SIG	UNITS	OFFSET	LOCATION	RESP	GRP			
WORD POS			NO OF WORDS	TYPE	LOCATION			RESP	GRP			
		COMMENT:			ORIGINATOR: DJP 06/19/97	LAST REVISION: RLP 07/12/97						
					ADDED BY: DJP 06/20/97	APPVD BY:						
					DELE BY:	APPVD BY:						
					APPROVAL CMT:							
					CNFLT:							
					TIRL TM/CALMS:	AP TM/CALMS: N						

MEAS NO SECT NO	DATA TITLE	MEASUREMENT DESCRIPTION COMMENTS	RC MD	MIN VALUE	MAX VALUE	UNITS	ACC	FREQ/ SAMPL	FIL	CUTOFF	PWR	DSPL
								RATE	TER	FREQ HI---LO		
MNEMONIC			BUS NAME	DATA LABEL	REQD TYPE	REGB BITS	LSB	RSLN	SDI/ EXT	ZERO	CNT	
SOURCE POS SOURCE			SC	FACT	SIG	UNITS	OFFSET	SPCL HDLG	BUS RATE	# OF BITS	INTRPL VALID	DELAY
MEAS ID			WORD	POS	NO OF WORDS	TYPE	LOCATION	RESP	GRP			
6170318 2.17	A/T RIGHT REAR BAY	DESCRIPTION: TEMPERATURE, AMBIENT. CENTERED LAT ERALLY IN RIGHT REAR BAY, 1/2 INCH FROM FLOOR AT THE REAR SPAR.	HS	-60	120	DEG F			1			0 0
COMMENT:			ORIGINATOR: DJP 06/19/97 LAST REVISION: ADDED BY: DJP 06/20/97 APPVD BY: DELE BY: APPVD BY: APPROVAL CMT: CNFLT: TIRL TM/CALMS: AP TM/CALMS: N									
6170319 2.17	A/T LEFT REAR BAY	DESCRIPTION: TEMPERATURE, AMBIENT. CENTERED LAT ERALLY IN LEFT REAR BAY, 1/2 INCH FROM FLOOR AT THE REAR SPAR.	HS	-60	120	DEG F			1			0 0
COMMENT:			ORIGINATOR: DJP 06/19/97 LAST REVISION: ADDED BY: DJP 06/20/97 APPVD BY: DELE BY: APPVD BY: APPROVAL CMT: CNFLT: TIRL TM/CALMS: AP TM/CALMS: N									
6170320 2.17	A/T #1 RT INT CNT	DESCRIPTION: TEMPERATURE, AMBIENT. IN RIGHT SID E OF CNT, 1/2 INCH ABOVE LOWEST POINT IN TANK O N THE GROUND.	HS	-60	250	DEG F			1			0 0
COMMENT:			ORIGINATOR: DJP 06/19/97 LAST REVISION: ADDED BY: DJP 06/20/97 APPVD BY: DELE BY: APPVD BY: APPROVAL CMT: CNFLT: TIRL TM/CALMS: AP TM/CALMS: N									

MEAS NO SECT NO	DATA TITLE	MEASUREMENT DESCRIPTION COMMENTS	RC MD	MIN VALUE	MAX VALUE	UNITS	ACC	FREQ/ SAMPL	FIL	CUTOFF	PWR	DSPL
								RATE	TER	FREQ HI---LO		
MNEMONIC			BUS NAME	DATA LABEL	REQD TYPE	REGB BITS	LSB	RSLN	SDI/ EXT	ZERO	CNT	
SOURCE POS SOURCE			SC	FACT	SIG	UNITS	OFFSET	SPCL HDLG	BUS RATE	# OF BITS	INTRPL VALID	DELAY
MEAS ID			WORD	POS	NO OF WORDS	TYPE	LOCATION	RESP	GRP			
6170521 2.17	A/T #1 LT INT CNT	DESCRIPTION: TEMPERATURE, AMBIENT. IN LEFT SIDE OF CNT, 1/2 INCH ABOVE LOWEST POINT IN TANK ON THE GROUND.	HS	-60	250	DEG F			1			0 0
COMMENT:			ORIGINATOR: DJP 06/19/97 LAST REVISION: ADDED BY: DJP 06/20/97 APPVD BY: DELE BY: APPVD BY: APPROVAL CMT: CNFLT: TIRL TM/CALMS: AP TM/CALMS: N									
6170522 2.17	A/T #1 BAY #2	DESCRIPTION: TEMPERATURE, AMBIENT #1. 1 INCH BE LOW TOP SURFACE, CENTERED IN BAY LOCATED BETWEE N SPANWISE BEAMS 2 AND 3. TOP T/C IN FORWARD-MOS T TREE OF 11.	HS	-60	250	DEG F			1			0 0
COMMENT: EVG 747-100 (TWA 800 INVESTIGATION).			ORIGINATOR: DJP 06/19/97 LAST REVISION: DJP 07/09/97 ADDED BY: DJP 06/20/97 APPVD BY: RLP 07/12/97 DELE BY: APPVD BY: APPROVAL CMT: CNFLT: TIRL TM/CALMS: AP TM/CALMS: N									
6170523 2.17	A/T #2 BAY #2	DESCRIPTION: TEMPERATURE, AMBIENT #2. 1 INCH B ELOW T/C 6170522, CENTERED IN BAY LOCATED BETWEE EN SPANWISE BEAMS 2 AND 3. 2ND T/C IN FORWARD-MO ST TREE OF 11.	HS	-60	250	DEG F			1			0 0
COMMENT: EVG 747-100 (NTSB INVESTIGATION OF TWA 800).			ORIGINATOR: DJP 06/19/97 LAST REVISION: DJP 07/09/97 ADDED BY: DJP 06/20/97 APPVD BY: RLP 07/12/97 DELE BY: APPVD BY: APPROVAL CMT: CNFLT: TIRL TM/CALMS: AP TM/CALMS: N									

TEST ITEM CODE: B2.23.0039

TEST ITEM REQUIREMENTS LIST

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MEAS NO SECT NO	DATA TITLE	MEASUREMENT DESCRIPTION COMMENTS	RC MD	MIN VALUE	MAX VALUE	UNITS	ACC	FREQ/ SAMPL	FIL	CUTOFF FREQ	PWR HI---LO	DSPL 10	CODE
								RATE	TER	HI---LO			
MNEMONIC			BUS NAME	DATA LABEL	REQD TYPE	REQU BITS	LSB	RSLN	SDI/ EXT	ZERO	CNT		
SOURCE POS SOURCE			SC	FACT	SIG	UNITS	OFFSET	SPCL HDLG	BUS RATE	# OF BITS	INTRPL VALID	DELAY	
MEAS ID			WORD	POS	NO OF WORDS	TYPE	LOCATION	RESP	GRP				
6170324 2.17	A/T #3 BAY #2	DESCRIPTION: TEMPERATURE, AMBIENT #3. 1 INCH B ELOW T/C 6170323, CENTERED IN BAY LOCATED BETWE EN SPANWISE BEAMS 2 AND 3. THIRD T/C IN FORWARD- MOST TREE OF 11. COMMENT: EVG 747-100 (NTSB INVESTIGATION OF TWA 800).	HS	-60	250	DEG F			1			0	0
						TEMP	BODY				Y	EP	
			ORIGINATOR: DJP 06/19/97		LAST REVISION: DJP 07/09/97		ADDED BY: DJP 06/20/97		APPVD BY: RLP 07/12/97				
			DELE BY:		APPVD BY:								
			APPROVAL CMT:										
			CNFLT:										
			TIRL TH/CALMS:		AP TH/CALMS: N								
6170325 2.17	A/T #4 BAY #2	DESCRIPTION: TEMPERATURE, AMBIENT #4. 1 INCH B ELOW T/C 6170324, CENTERED IN BAY LOCATED BETWE EN SPANWISE BEAMS 2 AND 3. 4TH T/C IN FORWARD-MO ST TREE OF 11. COMMENT: EVG 747-100 (NTSB INVESTIGATION OF TWA 800).	HS	-60	250	DEG F			1			0	0
						TEMP	BODY				Y	EP	
			ORIGINATOR: DJP 06/19/97		LAST REVISION: DJP 07/09/97		ADDED BY: DJP 06/20/97		APPVD BY: RLP 07/12/97				
			DELE BY:		APPVD BY:								
			APPROVAL CMT:										
			CNFLT:										
			TIRL TH/CALMS:		AP TH/CALMS: N								
6170326 2.17	A/T #5 BAY #2	DESCRIPTION: TEMPERATURE, AMBIENT #5. 1 INCH B ELOW T/C 6170325, CENTERED IN BAY LOCATED BETWE N SPANWISE BEAMS 2 AND 3. 5TH T/C IN FORWARD-MO T TREE OF 11. COMMENT: EVG 747-100 (NTSB INVESTIGATION OF TWA 800).	HS	-60	250	DEG F			1			0	0
						TEMP	BODY				Y	EP	
			ORIGINATOR: DJP 06/19/97		LAST REVISION: DJP 07/09/97		ADDED BY: DJP 06/20/97		APPVD BY: RLP 07/12/97				
			DELE BY:		APPVD BY:								
			APPROVAL CMT:										
			CNFLT:										
			TIRL TH/CALMS:		AP TH/CALMS: N								

TEST ITEM CODE: B2.23.0039

TEST ITEM REQUIREMENTS LIST

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MEAS NO SECT NO	DATA TITLE	MEASUREMENT DESCRIPTION COMMENTS	RC MD	MIN VALUE	MAX VALUE	UNITS	ACC	FREQ/ SAMPL	FIL	CUTOFF FREQ	PWR HI---LO	DSPL 10	CODE
								RATE	TER	HI---LO			
MNEMONIC			BUS NAME	DATA LABEL	REQD TYPE	REQU BITS	LSB	RSLN	SDI/ EXT	ZERO	CNT		
SOURCE POS SOURCE			SC	FACT	SIG	UNITS	OFFSET	SPCL HDLG	BUS RATE	# OF BITS	INTRPL VALID	DELAY	
MEAS ID			WORD	POS	NO OF WORDS	TYPE	LOCATION	RESP	GRP				
6170327 2.17	A/T #7 BAY #2	DESCRIPTION: TEMPERATURE, AMBIENT #7. 1 INCH A BOVE T/C 6170326, CENTERED IN BAY LOCATED BETWE EN SPANWISE BEAM 2 AND 3. 7TH T/C IN FORWARD-MOS T TREE OF 11. COMMENT: EVG 747-100 (NTSB INVESTIGATION OF TWA 800).	HS	-60	250	DEG F			1			0	0
						TEMP	BODY				Y	EP	
			ORIGINATOR: DJP 06/19/97		LAST REVISION: DJP 07/09/97		ADDED BY: DJP 06/20/97		APPVD BY: RLP 07/12/97				
			DELE BY:		APPVD BY:								
			APPROVAL CMT:										
			CNFLT:										
			TIRL TH/CALMS:		AP TH/CALMS: N								
6170328 2.17	A/T #8 FWD BAY #2	DESCRIPTION: TEMPERATURE, AMBIENT #8. 1 INCH B ELOW T/C 6170327, CENTERED IN BAY LOCATED BETWE EN SPANWISE BEAM 2 AND 3. 8TH T/C IN FORWARD-MOS T TREE OF 11. COMMENT: EVG 747-100 (NTSB INVESTIGATION OF TWA 800).	HS	-60	250	DEG F			1			0	0
						TEMP	BODY				Y	EP	
			ORIGINATOR: DJP 06/19/97		LAST REVISION: DJP 07/09/97		ADDED BY: DJP 06/20/97		APPVD BY: RLP 07/12/97				
			DELE BY:		APPVD BY:								
			APPROVAL CMT:										
			CNFLT:										
			TIRL TH/CALMS:		AP TH/CALMS: N								
6170329 2.17	A/T #9 BAY #2	DESCRIPTION: TEMPERATURE, AMBIENT #9. 1 INCH B ELOW T/C 6170328, CENTERED IN BAY LOCATED BETWE EN SPANWISE BEAM 2 AND 3. 9TH T/C IN FORWARD-MO ST TREE OF 11. COMMENT: EVG 747-100 (NTSB INVESTIGATION OF TWA 800).	HS	-60	250	DEG F			1			0	0
						TEMP	BODY				Y	EP	
			ORIGINATOR: DJP 06/19/97		LAST REVISION: DJP 07/09/97		ADDED BY: DJP 06/20/97		APPVD BY: RLP 07/12/97				
			DELE BY:		APPVD BY:								
			APPROVAL CMT:										
			CNFLT:										
			TIRL TH/CALMS:		AP TH/CALMS: N								

MEAS NO SECT NO	DATA TITLE	MEASUREMENT DESCRIPTION COMMENTS	RC MD	MIN VALUE	MAX VALUE	UNITS	ACC	FREQ/ SAMPL RATE	FIL TER	CUTOFF FREQ HI---LO	PNR 10	DSPL CODE
MNEMONIC			BUS NAME	DATA LABEL	REQD TYPE	REQU BITS	LSB	RSLN	SDI/ EXT	ZERO	CMT	
SOURCE POS SOURCE			SC	FACT	SIG	UNITS	OFFSET	SPCL HDLG	BUS RATE	# OF BITS	INTRPL VALID	DELAY
MEAS ID			WORD	POS	NO OF WORDS	TYPE	LOCATION	RESP	GRP			
6170330 2.17	A/T #10 BAY #2	DESCRIPTION: TEMPERATURE, AMBIENT #10. 1 INCH BELOW T/C 6170329, CENTERED IN BAY LOCATED BETWEEN SPANWISE BEAM 2 AND 3. 10TH T/C IN FORWARD-MOST TREE OF 11. COMMENT: EVG 747-100 (NTSB INVESTIGATION OF TWA 800).	HS	-60	250	DEG F			1			0 0
						TEMP	BODY				Y	EP
			ORIGINATOR: DJP 06/19/97		LAST REVISION: DJP 07/09/97		ADDED BY: DJP 06/20/97		APPVD BY: RLP 07/12/97			
			DELE BY:		APPVD BY:		APPROVAL CMT:		CNFLT:		TIRL TH/CALMS:	
			AP TH/CALMS: N									
6170331 2.17	A/T #11 BAY #2	DESCRIPTION: TEMPERATURE, AMBIENT #11. 1 INCH FROM BOTTOM SURFACE, CENTERED IN BAY LOCATED BETWEEN SPANWISE BEAM 2 AND 3. BOTTOM T/C IN FORWARD-MOST TREE OF 11. COMMENT: EVG 747-100 (NTSB INVESTIGATION OF TWA 800).	HS	-60	250	DEG F			1			0 0
						TEMP	BODY				Y	EP
			ORIGINATOR: DJP 06/19/97		LAST REVISION: DJP 07/09/97		ADDED BY: DJP 06/20/97		APPVD BY: RLP 07/12/97			
			DELE BY:		APPVD BY:		APPROVAL CMT:		CNFLT:		TIRL TH/CALMS:	
			AP TH/CALMS: N									
6170332 2.17	A/T #1 BAY #3	DESCRIPTION: TEMPERATURE, AMBIENT #1. 1 INCH BELOW TOP SURFACE, CENTERED IN BAY LOCATED BETWEEN SPANWISE BEAM 2 AND MIDSPAR. TOP T/C IN AFT-MOST TREE OF 11. COMMENT: EVG 747-100 (NTSB INVESTIGATION OF TWA 800).	HS	-60	250	DEG F			1			0 0
						TEMP	BODY				Y	EP
			ORIGINATOR: DJP 06/19/97		LAST REVISION: DJP 07/09/97		ADDED BY: DJP 06/20/97		APPVD BY: RLP 07/12/97			
			DELE BY:		APPVD BY:		APPROVAL CMT:		CNFLT:		TIRL TH/CALMS:	
			AP TH/CALMS: N									

MEAS NO SECT NO	DATA TITLE	MEASUREMENT DESCRIPTION COMMENTS	RC MD	MIN VALUE	MAX VALUE	UNITS	ACC	FREQ/ SAMPL RATE	FIL TER	CUTOFF FREQ HI---LO	PNR 10	DSPL CODE
MNEMONIC			BUS NAME	DATA LABEL	REQD TYPE	REQU BITS	LSB	RSLN	SDI/ EXT	ZERO	CMT	
SOURCE POS SOURCE			SC	FACT	SIG	UNITS	OFFSET	SPCL HDLG	BUS RATE	# OF BITS	INTRPL VALID	DELAY
MEAS ID			WORD	POS	NO OF WORDS	TYPE	LOCATION	RESP	GRP			
6170333 2.17	A/T #2 BAY #3	DESCRIPTION: TEMPERATURE, AMBIENT #2. 1 INCH BELOW T/C 6170332, CENTERED IN BAY LOCATED BETWEEN SPANWISE BEAM 2 AND MIDSPAR. 2ND T/C IN AFT-MOST TREE OF 11. COMMENT: EVG 747-100 (NTSB INVESTIGATION OF TWA 800).	HS	-60	250	DEG F			1			0 0
						TEMP	BODY				Y	EP
			ORIGINATOR: DJP 06/19/97		LAST REVISION: DJP 07/09/97		ADDED BY: DJP 06/20/97		APPVD BY: RLP 07/12/97			
			DELE BY:		APPVD BY:		APPROVAL CMT:		CNFLT:		TIRL TH/CALMS:	
			AP TH/CALMS: N									
6170334 2.17	A/T #3 BAY #3	DESCRIPTION: TEMPERATURE, AMBIENT #3. 1 INCH BELOW T/C 6170332, CENTERED IN BAY LOCATED BETWEEN SPANWISE BEAM 2 AND MIDSPAR. 3RD T/C IN AFT-MOST TREE OF 11. COMMENT: EVG 747-100 (NTSB INVESTIGATION OF TWA 800).	HS	-60	250	DEG F			1			0 0
						TEMP	BODY				Y	EP
			ORIGINATOR: DJP 06/19/97		LAST REVISION: DJP 07/09/97		ADDED BY: DJP 06/20/97		APPVD BY: RLP 07/12/97			
			DELE BY:		APPVD BY:		APPROVAL CMT:		CNFLT:		TIRL TH/CALMS:	
			AP TH/CALMS: N									
6170335 2.17	A/T #4 BAY #3	DESCRIPTION: TEMPERATURE, AMBIENT #4. 1 INCH BELOW T/C 6170334, CENTERED IN BAY LOCATED BETWEEN SPANWISE BEAM 2 AND MIDSPAR. 4TH T/C IN AFT-MOST TREE OF 11. COMMENT: EVG 747-100 (NTSB INVESTIGATION OF TWA 800).	HS	-60	250	DEG F			1			0 0
						TEMP	BODY				Y	EP
			ORIGINATOR: DJP 06/19/97		LAST REVISION: DJP 07/09/97		ADDED BY: DJP 06/20/97		APPVD BY: RLP 07/12/97			
			DELE BY:		APPVD BY:		APPROVAL CMT:		CNFLT:		TIRL TH/CALMS:	
			AP TH/CALMS: N									

MEAS NO SECT NO	DATA TITLE	MEASUREMENT DESCRIPTION COMMENTS	RC HD	MIN VALUE	MAX VALUE	UNITS	ACC	FREQ/ SAMPL	CUTOFF	FIL TER	FREQ HI---LO	PMR 10	DSPL CODE
								RATE	EXT				
MNEMONIC		SOURCE POS SOURCE	BUS NAME LABEL		DATA TYPE	REQD BITS	LSB	RSLN	SDI/ EXT	ZERO CNT			
MEAS ID			SC FACT	SIG	UNITS	OFFSET	SPCL HDLG	BUS RATE	# OF BITS	INTRPL VALID	DELAY	RESP GRP	
		WORD POS	NO OF WORDS	TYPE	LOCATION	RESP	GRP						
6170336 2.17	A/T #5 BAY #3	DESCRIPTION: TEMPERATURE, AMBIENT #5. 1 INCH BELOW T/C 6170335, CENTERED IN BAY LOCATED BETWEEN SPANWISE BEAM 2 AND MIDSPAR. 5TH T/C IN AFT-MOST TREE OF 11. COMMENT: EVG 747-100 (NTSB INVESTIGATION OF TWA 800).	HS	-60	250	DEG F				1			0 0
						TEMP		BODY				Y EP	
			ORIGINATOR: DJP 06/19/97		LAST REVISION: DJP 07/09/97		ADDED BY: DJP 06/20/97		APPVD BY: RLP 07/12/97				
			DELE BY:		APPVD BY:								
			APPROVAL CNT:										
			CNFLT:										
			TIRL TM/CALMS:		AP TM/CALMS: N								
6170337 2.17	A/T #7 BAY #3	DESCRIPTION: TEMPERATURE, AMBIENT #7. 1 INCH ABOVE T/C 6170336, CENTERED IN BAY LOCATED BETWEEN SPANWISE BEAM 2 AND MIDSPAR. 7TH T/C IN AFT-MOST TREE OF 11. COMMENT: EVG 747-100 (NTSB INVESTIGATION OF TWA 800).	HS	-60	250	DEG F				1			0 0
						TEMP		BODY				Y EP	
			ORIGINATOR: DJP 06/19/97		LAST REVISION: DJP 07/09/97		ADDED BY: DJP 06/20/97		APPVD BY: RLP 07/12/97				
			DELE BY:		APPVD BY:								
			APPROVAL CNT:										
			CNFLT:										
			TIRL TM/CALMS:		AP TM/CALMS: N								
6170338 2.17	A/T #8 BAY #3	DESCRIPTION: TEMPERATURE, AMBIENT #8. 1 INCH ABOVE T/C 6170337, CENTERED IN BAY LOCATED BETWEEN SPANWISE BEAM 2 AND MIDSPAR. 8TH T/C IN AFT-MOST TREE OF 11. COMMENT:	HS	-60	250	DEG F				1			0 0
						TEMP		BODY				Y EP	
			ORIGINATOR: DJP 06/19/97		LAST REVISION: DJP 07/09/97		ADDED BY: DJP 06/20/97		APPVD BY: RLP 07/12/97				
			DELE BY:		APPVD BY:								
			APPROVAL CNT:										
			CNFLT:										
			TIRL TM/CALMS:		AP TM/CALMS: N								

MEAS NO SECT NO	DATA TITLE	MEASUREMENT DESCRIPTION COMMENTS	RC HD	MIN VALUE	MAX VALUE	UNITS	ACC	FREQ/ SAMPL	CUTOFF	FIL TER	FREQ HI---LO	PMR 10	DSPL CODE
								RATE	EXT				
MNEMONIC		SOURCE POS SOURCE	BUS NAME LABEL		DATA TYPE	REQD BITS	LSB	RSLN	SDI/ EXT	ZERO CNT			
MEAS ID			SC FACT	SIG	UNITS	OFFSET	SPCL HDLG	BUS RATE	# OF BITS	INTRPL VALID	DELAY	RESP GRP	
		WORD POS	NO OF WORDS	TYPE	LOCATION	RESP	GRP						
6170339 2.17	A/T #9 BAY #3	DESCRIPTION: TEMPERATURE, AMBIENT #9. 1 INCH ABOVE T/C 6170338, CENTERED IN BAY LOCATED BETWEEN SPANWISE BEAM 2 AND MIDSPAR. 9TH T/C IN AFT-MOST TREE OF 11. COMMENT: EVG 747-100 (NTSB INVESTIGATION OF TWA 800).	HS	-60	250	DEG F				1			0 0
						TEMP		BODY				Y EP	
			ORIGINATOR: DJP 06/19/97		LAST REVISION: DJP 07/09/97		ADDED BY: DJP 06/20/97		APPVD BY: RLP 07/12/97				
			DELE BY:		APPVD BY:								
			APPROVAL CNT:										
			CNFLT:										
			TIRL TM/CALMS:		AP TM/CALMS: N								
6170340 2.17	A/T #10 BAY #3	DESCRIPTION: TEMPERATURE, AMBIENT #10. 1 INCH ABOVE T/C 6170341, CENTERED IN BAY LOCATED BETWEEN SPANWISE BEAM 2 AND MIDSPAR. 10TH T/C IN AFT-MOST TREE OF 11. COMMENT: EVG 747-100 (NTSB INVESTIGATION OF TWA 800).	HS	-60	250	DEG F				1			0 0
						TEMP		BODY				Y EP	
			ORIGINATOR: DJP 06/19/97		LAST REVISION: DJP 07/09/97		ADDED BY: DJP 06/20/97		APPVD BY: RLP 07/12/97				
			DELE BY:		APPVD BY:								
			APPROVAL CNT:										
			CNFLT:										
			TIRL TM/CALMS:		AP TM/CALMS: N								
6170341 2.17	A/T #11 BAY #3	DESCRIPTION: TEMPERATURE, AMBIENT #11. 1 INCH ABOVE BOTTOM SURFACE, CENTERED IN BAY LOCATED BETWEEN SPANWISE BEAM 2 AND MIDSPAR. BOTTOM T/C IN AFT-MOST TREE OF 11. COMMENT: EVG 747-100 (NTSB INVESTIGATION OF TWA 800).	HS	-60	250	DEG F				1			0 0
						TEMP		BODY				Y EP	
			ORIGINATOR: DJP 06/19/97		LAST REVISION: DJP 07/09/97		ADDED BY: DJP 06/20/97		APPVD BY: RLP 07/12/97				
			DELE BY:		APPVD BY:								
			APPROVAL CNT:										
			CNFLT:										
			TIRL TM/CALMS:		AP TM/CALMS: N								

MEAS NO SECT NO	DATA TITLE	MEASUREMENT DESCRIPTION COMMENTS	RC MD	MIN VALUE	MAX VALUE	UNITS	ACC	FREQ/ SAMPL	FIL TER	CUTOFF		PWR	DSPL
								RATE		HI	LO		
MNEMONIC			BUS NAME	DATA LABEL	REQD TYPE	REQD BITS	LSB	RSLN	SDI/ EXT	ZERO CNT			
SOURCE POS SOURCE			SC FACT	SIG	UNITS	OFFSET	SPCL HDLG	BUS RATE	# OF BITS	INTRPL VALID	DELAY		
MEAS ID			WORD POS	NO OF WORDS		TYPE	LOCATION		RESP GRP				
6170542 2.17	PRESS FWD BAY	DESCRIPTION: PRESSURE, ABSOLUTE. PRESSURE TRANS DUCER PLACED ON THERMOCOUPLE TREE WITH T/C 61702 76, 6170274, AND 6170275 LOCATED IN FORWARD BAY (BETWEEN SPANWISE BEAMS 2 AND 3). COMMENT: ORIGINATOR: DJP 06/19/97 LAST REVISION: DJP 06/25/97 ADDED BY: DJP 06/20/97 APPVD BY: RLP 07/12/97 DELE BY: APPVD BY: APPROVAL CNT: CNFLT: TIRL TM/CALMS: AP TM/CALMS: N	HS 0	20	PSIA			10				0 0	
6170543 2.17	PRESS BTMN SHB2&MS	DESCRIPTION: PRESSURE, ABSOLUTE. PRESSURE TRANS DUCER PLACED ON THERMOCOUPLE TREE WITH T/C 61702 76, 6170277, AND 6170278 LOCATED IN FORWARD BAY (BETWEEN SPANWISE BEAM 2 AND MIDSPAR). COMMENT: ORIGINATOR: DJP 06/19/97 LAST REVISION: DJP 06/25/97 ADDED BY: DJP 06/20/97 APPVD BY: RLP 07/12/97 DELE BY: APPVD BY: APPROVAL CNT: CNFLT: TIRL TM/CALMS: AP TM/CALMS: N	HS 0	20	PSIA		1					0 0	
6170544 2.17	PRESS REAR BAY	DESCRIPTION: PRESSURE, ABSOLUTE. PRESSURE TRANS DUCER PLACED ON THERMOCOUPLE 6170319 LOCATED IN REAR BAY. COMMENT: ORIGINATOR: DJP 06/19/97 LAST REVISION: DJP 06/25/97 ADDED BY: DJP 06/20/97 APPVD BY: RLP 07/12/97 DELE BY: APPVD BY: APPROVAL CNT: CNFLT: TIRL TM/CALMS: AP TM/CALMS: N	HS 0	20	PSIA		1					0 0	

MEAS NO SECT NO	DATA TITLE	MEASUREMENT DESCRIPTION COMMENTS	RC MD	MIN VALUE	MAX VALUE	UNITS	ACC	FREQ/ SAMPL	FIL TER	CUTOFF		PWR	DSPL
								RATE		HI	LO		
MNEMONIC			BUS NAME	DATA LABEL	REQD TYPE	REQD BITS	LSB	RSLN	SDI/ EXT	ZERO CNT			
SOURCE POS SOURCE			SC FACT	SIG	UNITS	OFFSET	SPCL HDLG	BUS RATE	# OF BITS	INTRPL VALID	DELAY		
MEAS ID			WORD POS	NO OF WORDS		TYPE	LOCATION		RESP GRP				
6170545 2.17	PRESS LT SURGE TANK	DESCRIPTION: PRESSURE, ABSOLUTE. PRESSURE TRANS DUCER PLACED IN LEFT WING SURGE TANK. COMMENT: ORIGINATOR: DJP 06/19/97 LAST REVISION: DJP 06/25/97 ADDED BY: DJP 06/20/97 APPVD BY: RLP 07/12/97 DELE BY: APPVD BY: APPROVAL CNT: CNFLT: TIRL TM/CALMS: AP TM/CALMS: N	HS 0	20	PSIA			1				0 0	
6170546 2.17	PRESS RT SURGE TANK	DESCRIPTION: PRESSURE, ABSOLUTE. PRESSURE TRANS DUCER PLACED IN RIGHT WING SURGE TANK. COMMENT: ORIGINATOR: DJP 06/19/97 LAST REVISION: DJP 06/25/97 ADDED BY: DJP 06/20/97 APPVD BY: RLP 07/12/97 DELE BY: APPVD BY: APPROVAL CNT: CNFLT: TIRL TM/CALMS: AP TM/CALMS: N	HS 0	20	PSIA			1				0 0	
6170547 2.17	ACCEL LONG AXIS	DESCRIPTION: ACCELEROMETER PLACED IN REAR BAY, CENTERED ACROSS SPANWISE BEAM #1 AND CENTERED BE TWEEN KEEL AND 42 TBL (EQUIDISTANT BETWEEN FLOOR STRINGERS). SHOU LD BE PARALLEL TO LONGITUDINAL AXIS OF AIRPLANE. COMMENT: ACCELEROMETER ON EVG 747-100 FOR TMA 8 00 INVESTIGATION. ORIGINATOR: DJP 06/20/97 LAST REVISION: DJP 06/20/97 ADDED BY: DJP 06/20/97 APPVD BY: RLP 07/12/97 DELE BY: APPVD BY: APPROVAL CNT: CNFLT: TIRL TM/CALMS: AP TM/CALMS: N	HS -30	30	G	1.000	800					-1 1	

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MEAS NO SECT NO	DATA TITLE	MEASUREMENT DESCRIPTION COMMENTS	RC MD	MIN VALUE	MAX VALUE	UNITS	FREQ/ SAMPL RATE	FIL TER	CUTOFF FREQ HI---LO	PWR 10	DSPL CODE
MNEMONIC			BUS NAME	DATA LABEL	REQD TYPE	BITS	LSB RSLN	SDI/ EXT	ZERO CNT		
SOURCE POS SOURCE			SC FACT	SIG	UNITS	OFFSET	SPCL HDLG	BUS RATE	# OF BITS	INTRPL VALID	DELAY
MEAS ID			WORD POS	NO OF WORDS		TYPE	LOCATION	RESP	GRP		
6170340 2.17	ACCEL LAT AXIS	DESCRIPTION: ACCELEROMETER PLACED IN REAR BAY C ENTERED ACROSS SPANWISE BEAM #1 AND CENTERED BET WEEN KEEL BEAM AND #2 BL (EQUIDISTANT BETWEEN F LOOR STRINGERS). SHOULD BE PARALLEL TO LATERAL (I OR PITCH) AXIS OF AIRPLANE. COMMENT: ACCELEROMETER ON EVG 747-100 FOR TNA 8 00 INVESTIGATION.	HS	-30	30	G	1.000	800			-1 1
			ACCL				BODY			Y EP	
			ORIGINATOR: DJP 06/20/97		LAST REVISION: DJP 06/20/97		APPROVAL BY: RLP 07/12/97				
			ADDED BY: DJP 06/20/97		DELE BY:		APPROVAL CMT:				
			CNFLT:		TIRL TM/CALMS:		AP TM/CALMS: N				
6170349 2.17	ACCEL YAW AXIS	DESCRIPTION: ACCELEROMETER PLACED IN REAR BAY, CENTERED ACROSS SPANWISE BEAM #1 AND CENTERED BE TWEEN KEEL BEAM AND #2 BL (EQUIDISTANT BETWEEN F LOOR STRINGERS). SHOULD BE PARALLEL TO YAW (VERT ICAL) AXIS OF AIRPLANE. COMMENT: ACCELEROMETER ON EVG 747-100 FOR TNA 8 00 INVESTIGATION.	HS	-30	30	G	1.000	800			-1 1
			ACCL				BODY			Y EP	
			ORIGINATOR: DJP 06/20/97		LAST REVISION: DJP 06/20/97		APPROVAL BY: RLP 07/12/97				
			ADDED BY: DJP 06/20/97		DELE BY:		APPROVAL CMT:				
			CNFLT:		TIRL TM/CALMS:		AP TM/CALMS: N				
6170351 2.17	FQIS SYS VOLTAGE	DESCRIPTION: FUEL QUANTITY INDICATION SYSTEM VO LTAGE. PICK UP AT PIN #2 (WIRE W400-Q325-20R) O N CONNECTOR D1663J BEHIND FLIGHT ENGINEER'S PANE L. COMMENT: EVG 747-100 (TNA800 INVESTIGATION).	HS	-250	250	VAC	.5000	3200			-2 2
			ELEC				BODY			Y EP	
			ORIGINATOR: DJP 06/23/97		LAST REVISION: DJP 06/27/97		APPROVAL BY: RLP 07/12/97				
			ADDED BY: DJP 06/23/97		DELE BY:		APPROVAL CMT:				
			CNFLT:		TIRL TM/CALMS:		AP TM/CALMS: N				

TEST ITEM CODE: B2.23.0039

TEST ITEM REQUIREMENTS LIST

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MEAS NO SECT NO	DATA TITLE	MEASUREMENT DESCRIPTION COMMENTS	RC MD	MIN VALUE	MAX VALUE	UNITS	FREQ/ SAMPL RATE	FIL TER	CUTOFF FREQ HI---LO	PWR 10	DSPL CODE
MNEMONIC			BUS NAME	DATA LABEL	REQD TYPE	BITS	LSB RSLN	SDI/ EXT	ZERO CNT		
SOURCE POS SOURCE			SC FACT	SIG	UNITS	OFFSET	SPCL HDLG	BUS RATE	# OF BITS	INTRPL VALID	DELAY
MEAS ID			WORD POS	NO OF WORDS		TYPE	LOCATION	RESP	GRP		
6170352 2.17	FQIS SYS CURRENT	DESCRIPTION: FUEL QUANTITY INDICATION SYSTEM CU RRENT. PICK UP AT PIN #2 (WIRE W400-Q325-20R) ON CONNECTOR D1663J BEHIND FLIGHT ENGINEER'S INSTR UMENT PANEL. COMMENT: EVG 747-100 (TNA800 INVESTIGATION).	HS	0	5	AAC	.5000	3200			-2 2
			ELEC				BODY			Y EP	
			ORIGINATOR: DJP 06/23/97		LAST REVISION: DJP 06/27/97		APPROVAL BY: RLP 07/12/97				
			ADDED BY: DJP 06/23/97		DELE BY:		APPROVAL CMT:				
			CNFLT:		TIRL TM/CALMS:		AP TM/CALMS: N				
6170354 2.17	S/T #1 LBL50 EXT CMT BTM	DESCRIPTION: SURFACE TEMPERATURE #1. ON EXTERNA L CMT BOTTOM ALONG LBL 50 IN FORWARD BAY BETWEEN FRONT SPAR AND SPANWISE BEAM #3. COMMENT: EVG 747-100, RA020 (TWA INVESTIGATION)	HS	-60	250	DEG F	2.000	1			-1 1
			TEMP				BODY			Y EP	
			ORIGINATOR: DJP 06/23/97		LAST REVISION: DJP 06/24/97		APPROVAL BY: RLP 07/12/97				
			ADDED BY: DJP 06/24/97		DELE BY:		APPROVAL CMT:				
			CNFLT:		TIRL TM/CALMS:		AP TM/CALMS: N				
6170355 2.17	S/T #2 LBL50 EXT CMT BTM	DESCRIPTION: TEMPERATURE, SURFACE #2. ON EXTERN AL CMT BOTTOM ALONG LBL 50 IN FORWARD BAY BETWEE N FRONT SPAR AND SWB #3. COMMENT: EVG 747-100 (TWA INVESTIGATION).	HS	-60	250	DEG F	2.000	1			-1 1
			TEMP				BODY			Y EP	
			ORIGINATOR: DJP 06/23/97		LAST REVISION: DJP 06/24/97		APPROVAL BY: RLP 07/12/97				
			ADDED BY: DJP 06/24/97		DELE BY:		APPROVAL CMT:				
			CNFLT:		TIRL TM/CALMS:		AP TM/CALMS: N				

TEST ITEM CODE: 02.23.0039

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MEAS NO SECT NO	DATA TITLE	MEASUREMENT DESCRIPTION COMMENTS	RC MD	MIN VALUE	MAX VALUE	UNITS	ACC	FREQ/ SAMPL RATE	FIL TER	CUTOFF FREQ HI---LO	PWR 10	DSPL CODE
MNEMONIC			BUS NAME	DATA LABEL	REQD TYPE	BITS	LSB	RSLN	SDI/ EXT	ZERO CNT		
SOURCE POS SOURCE			SC FACT	SIG	UNITS	OFFSET	SPCL HDLG	BUS RATE	# OF BITS	INTRPL VALID	DELAY	
MEAS ID			WORD POS	NO OF WORDS	TYPE	LOCATION	RESP	GRP				
6170356 2.17	S/T #3 LBL50 EXT CMT BTTH	DESCRIPTION: TEMPERATURE, SURFACE #3. ON EXTERN AL CMT BOTTOM ALONG LBL 50 IN FORWARD BAY BETWEE N SMB #3 AND SMB #2.	HS	-60	250	DEG F	2.000	1				-1 1
COMMENT: EVG 747-100 (TWA INVESTIGATION).			ORIGINATOR: DJP 06/23/97			LAST REVISION: DJP 06/23/97						
			ADDED BY: DJP 06/24/97			APPVD BY: DJP 06/24/97			RLP 07/12/97			
			DELE BY:			APPVD BY:						
			APPROVAL CMT:			AP TH/CALMS: N						
			CNFLT:			AP TH/CALMS: N						
			TIRL TM/CALMS:			AP TH/CALMS: N						
6170357 2.17	S/T #4 LBL50 EXT CMT BTTH	DESCRIPTION: TEMPERATURE, SURFACE #4. ON EXTERN AL CMT BOTTOM ALONG LBL 50 IN FORWARD BAY BETWEE N SMB #3 AND SMB #2.	HS	-60	250	DEG F	2.000	1				-1 1
COMMENT: EVG 747-100 (TWA INVESTIGATION).			ORIGINATOR: DJP 06/23/97			LAST REVISION: DJP 06/23/97						
			ADDED BY: DJP 06/24/97			APPVD BY: DJP 06/24/97			RLP 07/12/97			
			DELE BY:			APPVD BY:						
			APPROVAL CMT:			AP TH/CALMS: N						
			CNFLT:			AP TH/CALMS: N						
			TIRL TM/CALMS:			AP TH/CALMS: N						
6170358 2.17	S/T #5 LBL50 EXT CMT BTTH	DESCRIPTION: TEMPERATURE, SURFACE #5. ON EXTERN AL CMT BOTTOM ALONG LBL 50 IN MID BAY BETWEEN SH B #2 AND MID SPAR.	HS	-60	250	DEG F	2.000	1				-1 1
COMMENT: EVG 747-100 (TWA INVESTIGATION).			ORIGINATOR: DJP 06/23/97			LAST REVISION: DJP 06/23/97						
			ADDED BY: DJP 06/24/97			APPVD BY: DJP 06/24/97			RLP 07/12/97			
			DELE BY:			APPVD BY:						
			APPROVAL CMT:			AP TH/CALMS: N						
			CNFLT:			AP TH/CALMS: N						
			TIRL TM/CALMS:			AP TH/CALMS: N						

TEST ITEM CODE: 02.23.0039

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MEAS NO SECT NO	DATA TITLE	MEASUREMENT DESCRIPTION COMMENTS	RC MD	MIN VALUE	MAX VALUE	UNITS	ACC	FREQ/ SAMPL RATE	FIL TER	CUTOFF FREQ HI---LO	PWR 10	DSPL CODE
MNEMONIC			BUS NAME	DATA LABEL	REQD TYPE	BITS	LSB	RSLN	SDI/ EXT	ZERO CNT		
SOURCE POS SOURCE			SC FACT	SIG	UNITS	OFFSET	SPCL HDLG	BUS RATE	# OF BITS	INTRPL VALID	DELAY	
MEAS ID			WORD POS	NO OF WORDS	TYPE	LOCATION	RESP	GRP				
6170359 2.17	S/T #6 LBL50 EXT CMT BTTH	DESCRIPTION: TEMPERATURE, SURFACE #6. ON EXTERN AL CMT BOTTOM ALONG LBL 50 IN MID BAY BETWEEN SH B #2 AND MID SPAR. AFT OF T/C 6170350.	HS	-60	250	DEG F	2.000	1				-1 1
COMMENT: EVG 747-100 (TWA INVESTIGATION).			ORIGINATOR: DJP 06/23/97			LAST REVISION: DJP 07/02/97						
			ADDED BY: DJP 06/24/97			APPVD BY: DJP 06/24/97			RLP 07/12/97			
			DELE BY:			APPVD BY:						
			APPROVAL CMT:			AP TH/CALMS: N						
			CNFLT:			AP TH/CALMS: N						
			TIRL TM/CALMS:			AP TH/CALMS: N						
6170360 2.17	S/T #7 LBL50 EXT CMT BTTH	DESCRIPTION: TEMPERATURE, SURFACE #7. ON EXTERN AL CMT BOTTOM ALONG LBL 50 IN REAR BAY BETWEEN M ID SPAR AND SMB #1.	HS	-60	250	DEG F	2.000	1				-1 1
COMMENT: EVG 747-100 (TWA INVESTIGATION).			ORIGINATOR: DJP 06/23/97			LAST REVISION: DJP 06/23/97						
			ADDED BY: DJP 06/24/97			APPVD BY: DJP 06/24/97			RLP 07/12/97			
			DELE BY:			APPVD BY:						
			APPROVAL CMT:			AP TH/CALMS: N						
			CNFLT:			AP TH/CALMS: N						
			TIRL TM/CALMS:			AP TH/CALMS: N						
6170361 2.17	S/T #8 LBL50 EXT CMT BTTH	DESCRIPTION: TEMPERATURE, SURFACE #8. ON EXTERN AL CMT BOTTOM ALONG LBL 50 IN REAR BAY BETWEEN M ID SPAR AND SMB #1. AFT OF T/C 6170360.	HS	-60	250	DEG F	2.000	1				-1 1
COMMENT: EVG 747-100 (TWA INVESTIGATION).			ORIGINATOR: DJP 06/23/97			LAST REVISION: DJP 07/02/97						
			ADDED BY: DJP 06/24/97			APPVD BY: DJP 06/24/97			RLP 07/12/97			
			DELE BY:			APPVD BY:						
			APPROVAL CMT:			AP TH/CALMS: N						
			CNFLT:			AP TH/CALMS: N						
			TIRL TM/CALMS:			AP TH/CALMS: N						

MEAS NO SECT NO	DATA TITLE	MEASUREMENT DESCRIPTION COMMENTS	RC MD	MIN VALUE	MAX VALUE	UNITS	ACC	FREQ/ SAMPL	FIL TER	CUTOFF	PWR 10	DSPL CODE
								RATE		FREQ HI---LO		
MNEMONIC			BUS NAME	DATA LABEL	REQD TYPE	REQU BITS	LSB RSLN	SDI/ EXT		ZERO CNT		
SOURCE POS SOURCE			SC FACT	SIG	UNITS	OFFSET	SPCL HDLG	BUS RATE	# OF BITS	INTRPL VALID	DELAY	
MEAS ID			WORD POS	NO OF WORDS		TYPE	LOCATION	RESP		GRP		
6170362 2.17	S/T 09 LBL50 EXT CNT BTM	DESCRIPTION: TEMPERATURE, SURFACE 09. ON EXTERN HS -60 250 DEG F 2.000 1 AL CNT BOTTOM ALONG LBL 50 IN REAR BAY BETWEEN S WB 01 AND REAR SPAR.										-1 1
COMMENT: EVG 747-100 (TWA INVESTIGATION).			ORIGINATOR: DJP 06/23/97		LAST REVISION: DJP 06/23/97		ADDED BY: DJP 06/24/97		APPVD BY: RLP 07/12/97			
			DELE BY:		APPVD BY:		APPROVAL CMT:		CNFLT:		TIRL TH/CALMS: AP TH/CALMS: N	
			TEMP		BODY		Y		EP			
6170363 2.17	S/T010 LBL50 EXT CNT BTM	DESCRIPTION: TEMPERATURE, SURFACE 010. ON EXTER HS -60 250 DEG F 2.000 1 NAL CNT BOTTOM ALONG LBL 50 IN REAR BAY BETWEEN SWB 01 AND REAR SPAR. AFT OF 6170362.										-1 1
COMMENT: EVG 747-100 (TWA INVESTIGATION).			ORIGINATOR: DJP 06/23/97		LAST REVISION: DJP 07/02/97		ADDED BY: DJP 06/24/97		APPVD BY: RLP 07/12/97			
			DELE BY:		APPVD BY:		APPROVAL CMT:		CNFLT:		TIRL TH/CALMS: AP TH/CALMS: N	
			TEMP		BODY		Y		EP			
6170364 2.17	S/T01 RBL50 EXT CNT BTM	DESCRIPTION: TEMPERATURE, SURFACE 01. ON EXTERN HS -60 250 DEG F 2.000 1 AL CNT BOTTOM ALONG RBL 50 IN FORWARD BAY BETWEE N FRONT SPAR AND SWB 03.										-1 1
COMMENT: EVG 747-100 (TWA INVESTIGATION).			ORIGINATOR: DJP 06/23/97		LAST REVISION: DJP 06/23/97		ADDED BY: DJP 06/24/97		APPVD BY: RLP 07/12/97			
			DELE BY:		APPVD BY:		APPROVAL CMT:		CNFLT:		TIRL TH/CALMS: AP TH/CALMS: N	
			TEMP		BODY		Y		EP			

MEAS NO SECT NO	DATA TITLE	MEASUREMENT DESCRIPTION COMMENTS	RC MD	MIN VALUE	MAX VALUE	UNITS	ACC	FREQ/ SAMPL	FIL TER	CUTOFF	PWR 10	DSPL CODE
								RATE		FREQ HI---LO		
MNEMONIC			BUS NAME	DATA LABEL	REQD TYPE	REQU BITS	LSB RSLN	SDI/ EXT		ZERO CNT		
SOURCE POS SOURCE			SC FACT	SIG	UNITS	OFFSET	SPCL HDLG	BUS RATE	# OF BITS	INTRPL VALID	DELAY	
MEAS ID			WORD POS	NO OF WORDS		TYPE	LOCATION	RESP		GRP		
6170365 2.17	S/T02 RBL50 EXT CNT BTM	DESCRIPTION: TEMPERATURE, SURFACE 02. ON EXTERN HS -60 250 DEG F 2.000 1 AL CNT BOTTOM ALONG RBL 50 IN FORWARD BAY BETWEE N FRONT SPAR AND SWB 03. AFT OF 6170364.										-1 1
COMMENT: EVG 747-100 (TWA INVESTIGATION).			ORIGINATOR: DJP 06/23/97		LAST REVISION: DJP 07/02/97		ADDED BY: DJP 06/24/97		APPVD BY: RLP 07/12/97			
			DELE BY:		APPVD BY:		APPROVAL CMT:		CNFLT:		TIRL TH/CALMS: AP TH/CALMS: N	
			TEMP		BODY		Y		EP			
6170366 2.17	S/T03 RBL50 EXT CNT BTM	DESCRIPTION: TEMPERATURE, SURFACE 03. ON EXTERN HS -60 250 DEG F 2.000 1 AL CNT BOTTOM ALONG RBL 50 IN FORWARD BAY BETWEE N SWB 03 AND SWB 02.										-1 1
COMMENT: EVG 747-100 (TWA INVESTIGATION).			ORIGINATOR: DJP 06/23/97		LAST REVISION: RLP 07/12/97		ADDED BY: DJP 06/24/97		APPVD BY:			
			DELE BY:		APPVD BY:		APPROVAL CMT:		CNFLT:		TIRL TH/CALMS: AP TH/CALMS: N	
			TEMP		BODY		Y		EP			
6170367 2.17	S/T04 RBL50 EXT CNT BTM	DESCRIPTION: TEMPERATURE, SURFACE 04. ON EXTERN HS -60 250 DEG F 2.000 1 AL CNT BOTTOM ALONG RBL 50 IN FORWARD BAY BETWEE N SWB 03 AND SWB 02. AFT OF 6170366.										-1 1
COMMENT: EVG 747-100 (TWA INVESTIGATION).			ORIGINATOR: DJP 06/23/97		LAST REVISION: DJP 07/02/97		ADDED BY: DJP 06/24/97		APPVD BY: RLP 07/12/97			
			DELE BY:		APPVD BY:		APPROVAL CMT:		CNFLT:		TIRL TH/CALMS: AP TH/CALMS: N	
			TEMP		BODY		Y		EP			

MEAS NO SECT NO	DATA TITLE	MEASUREMENT COMMENTS	RC MD	MIN VALUE	MAX VALUE	UNITS	ACC	FREQ/ SAMPL	FIL TER	CUTOFF	PWR	DSPL 10	CODE
								RATE		FREQ HI---LO			
MNEMONIC			BUS NAME	DATA LABEL	REQD TYPE	REQU BITS	LSB	RSLN	SDI/ EXT	ZERO	CNT		
SOURCE POS SOURCE			SC	FACT	SIG	UNITS	OFFSET	SPCL HDLG	BUS RATE	# OF BITS	INTRPL VALID	DELAY	
MEAS ID			WORD	POS	NO OF	WORDS	TYPE	LOCATION	RESP	GRP			
6170368 2.17	S/T#5 RBL50 EXT CMT BTM	DESCRIPTION: TEMPERATURE, SURFACE #5. ON EXTERN AL CMT BOTTOM ALONG RBL 50 IN MID BAY BETWEEN SW B #2 AND MID SPAR.	HS	-60	250	DEG F	2.000		1			-1	1
COMMENT: EVG 747-100 (TWA INVESTIGATION).			ORIGINATOR:	DJP 06/23/97		LAST REVISION:						Y	
			ADDED BY:	DJP 06/24/97		APPVD BY:						EP	
			DELE BY:			APPVD BY:						RLP	07/12/97
			APPROVAL CMT:										
			CNFLT:										
			TIRL TM/CALMS:			AP TM/CALMS: N							
6170369 2.17	S/T#6 RBL50 EXT CMT BTM	DESCRIPTION: TEMPERATURE, SURFACE #6. ON EXTERN AL CMT BOTTOM ALONG RBL 50 IN MID BAY BETWEEN SW B #2 AND MID SPAR. AFT OF 6170368.	HS	-60	250	DEG F	2.000		1			-1	1
COMMENT: EVG 747-100 (TWA INVESTIGATION).			ORIGINATOR:	DJP 06/23/97		LAST REVISION:	DJP 07/02/97					Y	
			ADDED BY:	DJP 06/24/97		APPVD BY:	RLP 07/12/97					EP	
			DELE BY:			APPVD BY:							
			APPROVAL CMT:										
			CNFLT:										
			TIRL TM/CALMS:			AP TM/CALMS: N							
6170370 2.17	S/T#7 RBL50 EXT CMT BTM	DESCRIPTION: TEMPERATURE, SURFACE #7. ON EXTERN AL CMT BOTTOM ALONG RBL 50 IN REAR BAY BETWEEN M ID SPAR SMB #1.	HS	-60	250	DEG F	2.000		1			-1	1
COMMENT: EVG 747-100 (TWA INVESTIGATION).			ORIGINATOR:	DJP 06/23/97		LAST REVISION:						Y	
			ADDED BY:	DJP 06/24/97		APPVD BY:	RLP 07/12/97					EP	
			DELE BY:			APPVD BY:							
			APPROVAL CMT:										
			CNFLT:										
			TIRL TM/CALMS:			AP TM/CALMS: N							

MEAS NO SECT NO	DATA TITLE	MEASUREMENT COMMENTS	RC MD	MIN VALUE	MAX VALUE	UNITS	ACC	FREQ/ SAMPL	FIL TER	CUTOFF	PWR	DSPL 10	CODE
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MNEMONIC			BUS NAME	DATA LABEL	REQD TYPE	REQU BITS	LSB	RSLN	SDI/ EXT	ZERO	CNT		
SOURCE POS SOURCE			SC	FACT	SIG	UNITS	OFFSET	SPCL HDLG	BUS RATE	# OF BITS	INTRPL VALID	DELAY	
MEAS ID			WORD	POS	NO OF	WORDS	TYPE	LOCATION	RESP	GRP			
6170371 2.17	S/T#8 RBL50 EXT CMT BTM	DESCRIPTION: TEMPERATURE, SURFACE #8. ON EXTERN AL CMT BOTTOM ALONG RBL 50 IN REAR BAY BETWEEN M ID SPAR SMB #1. AFT OF 6170370.	HS	-60	250	DEG F	2.000		1			-1	1
COMMENT: EVG 747-100 (TWA INVESTIGATION).			ORIGINATOR:	DJP 06/23/97		LAST REVISION:	DJP 07/02/97					Y	
			ADDED BY:	DJP 06/24/97		APPVD BY:	RLP 07/12/97					EP	
			DELE BY:			APPVD BY:							
			APPROVAL CMT:										
			CNFLT:										
			TIRL TM/CALMS:			AP TM/CALMS: N							
6170372 2.17	S/T#9 RBL50 EXT CMT BTM	DESCRIPTION: TEMPERATURE, SURFACE #9. ON EXTERN AL CMT BOTTOM ALONG RBL 50 IN REAR BAY BETWEEN S WB #1 AND REAR SPAR.	HS	-60	250	DEG F	2.000		1			-1	1
COMMENT: EVG 747-100 (TWA INVESTIGATION).			ORIGINATOR:	DJP 06/23/97		LAST REVISION:	DJP 07/02/97					Y	
			ADDED BY:	DJP 06/24/97		APPVD BY:	RLP 07/12/97					EP	
			DELE BY:			APPVD BY:							
			APPROVAL CMT:										
			CNFLT:										
			TIRL TM/CALMS:			AP TM/CALMS: N							
6170373 2.17	S/T#10RBL50 EXT CMT BTM	DESCRIPTION: TEMPERATURE, SURFACE #10. ON EXTER NAL CMT BOTTOM ALONG RBL 50 IN REAR BAY BETWEEN SMB #1 AND REAR SPAR. AFT OF T/C 6170372.	HS	-60	250	DEG F	2.000		1			-1	1
COMMENT: EVG 747-100 (TWA INVESTIGATION).			ORIGINATOR:	DJP 06/23/97		LAST REVISION:	DJP 07/02/97					Y	
			ADDED BY:	DJP 06/24/97		APPVD BY:	RLP 07/12/97					EP	
			DELE BY:			APPVD BY:							
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			CNFLT:										
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MEAS NO SECT NO	DATA TITLE	MEASUREMENT COMMENTS	DESCRIPTION	RC MD	MIN VALUE	MAX VALUE	UNITS	ACC	FREQ/ SAMPL RATE	FIL TER	CUTOFF FREQ HI---LO	PMR 10	DSPL CODE
MNEMONIC				BUS NAME	DATA LABEL	REQD TYPE	REDD BITS	LSB	RSLN	SDI/ EXT	ZERO	CNT	
SOURCE POS SOURCE				SC FACT	SIG	UNITS	OFFSET	SPCL HDLG	BUS RATE	# OF BITS	INTRPL VALID	DELAY	
MEAS ID				WORD POS	NO OF WORDS	TYPE	LOCATION	RESP	GRP				
6170374 0.03	PITCH INS		DESCRIPTION: PITCH ATTITUDE FROM INS. SHELF E2-6, B110 INS #2, CONNECTOR D1106J, PINS -17(X) -14(Y) -18(Z). FOR EXCITATION VOLTAGE TO POWER DAT A CARD, USE CONNECTOR D1106J PIN 5; AND FOR GROUND USE GDX87-AC. COMMENT: EVG 747-100 (TMA INVESTIGATION).	HS	-20	30	DEG	1.000	10				-1 1
				ELEC				EEBA			Y EP		
				ORIGINATOR: DJP 06/23/97	LAST REVISION: DJP 06/27/97		ADDED BY: DJP 06/24/97		APPVD BY: RLP 07/12/97				
				DELE BY:	APPVD BY:		APPROVAL CMT:		CNFLT:		TIRL TH/CALMS: N		
6170375 0.03	ROLL ATTITUDE INS		DESCRIPTION: ROLL ATTITUDE FROM INS. SHELF E2-6, B110 INS #2, CONNECTOR D1106J, PINS -14(X) -13(Y) -15(Z). FOR EXCITATION VOLTAGE FOR CARD POWER, USE CONNECTOR D1106J PIN 3; AND FOR GROUND USE GDX87-AC. COMMENT: EVG 747-100 (TMA INVESTIGATION).	HS	-20	30	DEG	1.000	10				-1 1
				ELEC				EEBA			Y EP		
				ORIGINATOR: DJP 06/23/97	LAST REVISION: DJP 06/27/97		ADDED BY: DJP 06/24/97		APPVD BY: RLP 07/12/97				
				DELE BY:	APPVD BY:		APPROVAL CMT:		CNFLT:		TIRL TH/CALMS: N		
6170376 2.17	A/T #1 LBL50 EXT CNT BTM		DESCRIPTION: TEMPERATURE, AMBIENT #1, ON LBL 50 BETWEEN FRONT SPAR AND SWB #5, DIRECTLY BELOW T/C 6170354, 4 INCHES BELOW CNT BOTTOM. COMMENT: EVG 747-100 (TMA 000 INVESTIGATION).	HS	-60	250	DEG F	2.000	1				-1 1
				TEMP				BODY			Y EP		
				ORIGINATOR: DJP 06/24/97	LAST REVISION: DJP 06/27/97		ADDED BY: DJP 06/24/97		APPVD BY: RLP 07/12/97				
				DELE BY:	APPVD BY:		APPROVAL CMT:		CNFLT:		TIRL TH/CALMS: N		

MEAS NO SECT NO	DATA TITLE	MEASUREMENT COMMENTS	DESCRIPTION	RC MD	MIN VALUE	MAX VALUE	UNITS	ACC	FREQ/ SAMPL RATE	FIL TER	CUTOFF FREQ HI---LO	PMR 10	DSPL CODE
MNEMONIC				BUS NAME	DATA LABEL	REQD TYPE	REDD BITS	LSB	RSLN	SDI/ EXT	ZERO	CNT	
SOURCE POS SOURCE				SC FACT	SIG	UNITS	OFFSET	SPCL HDLG	BUS RATE	# OF BITS	INTRPL VALID	DELAY	
MEAS ID				WORD POS	NO OF WORDS	TYPE	LOCATION	RESP	GRP				
6170377 2.17	A/T #2 LBL50 EXT CNT BTM		DESCRIPTION: TEMPERATURE, AMBIENT #2, ON LBL 50 BETWEEN SWB #3 AND SWB #2, DIRECTLY BELOW T/C 6170356, 4 INCHES BELOW CNT BOTTOM. COMMENT: EVG 747-100 (TMA 000 INVESTIGATION).	HS	-60	250	DEG F	2.000	1				-1 1
				TEMP				BODY			Y EP		
				ORIGINATOR: DJP 06/24/97	LAST REVISION: DJP 06/27/97		ADDED BY: DJP 06/24/97		APPVD BY: RLP 07/12/97				
				DELE BY:	APPVD BY:		APPROVAL CMT:		CNFLT:		TIRL TH/CALMS: N		
6170378 2.17	A/T #3 LBL50 EXT CNT BTM		DESCRIPTION: TEMPERATURE, AMBIENT #3, ON LBL 50 BETWEEN SWB #2 AND MID SPAR, DIRECTLY BELOW T/C 6170358, 4 INCHES BELOW CNT BOTTOM. COMMENT: EVG 747-100 (TMA 000 INVESTIGATION).	HS	-60	250	DEG F	2.000	1				-1 1
				TEMP				BODY			Y EP		
				ORIGINATOR: DJP 06/24/97	LAST REVISION: DJP 06/27/97		ADDED BY: DJP 06/24/97		APPVD BY: RLP 07/12/97				
				DELE BY:	APPVD BY:		APPROVAL CMT:		CNFLT:		TIRL TH/CALMS: N		
6170379 2.17	A/T #4 LBL50 EXT CNT BTM		DESCRIPTION: TEMPERATURE, AMBIENT #4, ON LBL 50 BETWEEN MID SPAR AND SWB #1, DIRECTLY BELOW T/C 6170360, 4 INCHES BELOW CNT BOTTOM. COMMENT: EVG 747-100 (TMA 000 INVESTIGATION).	HS	-60	250	DEG F	2.000	1				-1 1
				TEMP				BODY			Y EP		
				ORIGINATOR: DJP 06/24/97	LAST REVISION: DJP 06/27/97		ADDED BY: DJP 06/24/97		APPVD BY: RLP 07/12/97				
				DELE BY:	APPVD BY:		APPROVAL CMT:		CNFLT:		TIRL TH/CALMS: N		

TEST ITEM CODE: B2.25.0059

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MEAS NO SECT NO	DATA TITLE	MEASUREMENT DESCRIPTION COMMENTS	RC MD	MIN VALUE	MAX VALUE	UNITS	FREQ/ SAMPL RATE	FIL TER	CUTOFF FREQ HI---LO	PWR 10	DSPL CODE
MNEMONIC			BUS NAME	DATA LABEL	REQD TYPE	BITS	LSB RSLN	SDI/ EXT	ZERO CNT		
SOURCE POS SOURCE			SC FACT	SIG	UNITS	OFFSET	SPCL MDLG	BUS RATE	# OF BITS	INTRPL VALID	DELAY
MEAS ID			WORD POS	NO OF WORDS	TYPE	LOCATION	RESP	GRP			
6170300 2.17	A/T #5 RBL50 EXT CNT BTTM	DESCRIPTION: TEMPERATURE, AMBIENT #5. ON RBL 50 BETWEEN SWB #1 AND REAR SPAR, DIRECTLY BELOW T/ C 6170362, 4 INCHES BELOW CNT BOTTOM.	HS -60	250	DEG F	2.000	1				-1 1
COMMENT: EVG 747-100 (TWA 800 INVESTIGATION).			ORIGINATOR: DJP 06/24/97		LAST REVISION:				RPL 07/12/97		
			ADDED BY: DJP 06/24/97		APPVD BY:						
			DELE BY:		APPVD BY:						
			APPROVAL CMT:								
			CNFLT:								
			TIRL TH/CALMS:		AP TH/CALMS: N						
6170301 2.17	A/T #1 RBL50 EXT CNT BTTM	DESCRIPTION: TEMPERATURE, AMBIENT #1. ON RBL 50 BETWEEN FRONT SPAR AND SWB#3, DIRECTLY BELOW T/ C 6170364, 4 INCHES BELOW CNT BOTTOM.	HS -60	250	DEG F	2.000	1				-1 1
COMMENT: EVG 747-100 (TWA 800 INVESTIGATION).			ORIGINATOR: DJP 06/24/97		LAST REVISION:				RPL 07/12/97		
			ADDED BY: DJP 06/24/97		APPVD BY:						
			DELE BY:		APPVD BY:						
			APPROVAL CMT:								
			CNFLT:								
			TIRL TH/CALMS:		AP TH/CALMS: N						
6170302 2.17	A/T #2 RBL50 EXT CNT BTTM	DESCRIPTION: TEMPERATURE, AMBIENT #2. ON RBL 50 BETWEEN SWB #3 AND SWB #2, DIRECTLY BELOW T/C 6 170366, 4 INCHES BELOW CNT BOTTOM.	HS -60	250	DEG F	2.000	1				-1 1
COMMENT: EVG 747-100 (TWA 800 INVESTIGATION).			ORIGINATOR: DJP 06/24/97		LAST REVISION:				RPL 07/12/97		
			ADDED BY: DJP 06/24/97		APPVD BY:						
			DELE BY:		APPVD BY:						
			APPROVAL CMT:								
			CNFLT:								
			TIRL TH/CALMS:		AP TH/CALMS: N						

TEST ITEM CODE: B2.25.0059

TEST ITEM REQUIREMENTS LIST

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PAGE NO 74

MEAS NO SECT NO	DATA TITLE	MEASUREMENT DESCRIPTION COMMENTS	RC MD	MIN VALUE	MAX VALUE	UNITS	FREQ/ SAMPL RATE	FIL TER	CUTOFF FREQ HI---LO	PWR 10	DSPL CODE
MNEMONIC			BUS NAME	DATA LABEL	REQD TYPE	BITS	LSB RSLN	SDI/ EXT	ZERO CNT		
SOURCE POS SOURCE			SC FACT	SIG	UNITS	OFFSET	SPCL MDLG	BUS RATE	# OF BITS	INTRPL VALID	DELAY
MEAS ID			WORD POS	NO OF WORDS	TYPE	LOCATION	RESP	GRP			
6170303 2.17	A/T #3 RBL50 EXT CNT BTTM	DESCRIPTION: TEMPERATURE, AMBIENT #3. ON RBL 50 BETWEEN SWB #2 AND MID SPAR, DIRECTLY BELOW T/C 6170368, 4 INCHES BELOW CNT BOTTOM.	HS -60	250	DEG F	2.000	1				-1 1
COMMENT: EVG 747-100 (TWA 800 INVESTIGATION).			ORIGINATOR: DJP 06/24/97		LAST REVISION:				RPL 07/12/97		
			ADDED BY: DJP 06/24/97		APPVD BY:						
			DELE BY:		APPVD BY:						
			APPROVAL CMT:								
			CNFLT:								
			TIRL TH/CALMS:		AP TH/CALMS: N						
6170304 2.17	A/T #4 RBL50 EXT CNT BTTM	DESCRIPTION: TEMPERATURE, AMBIENT #4. ON RBL 50 BETWEEN MID SPAR AND SWB #1, DIRECTLY BELOW T/C 6170370, 4 INCHES BELOW CNT BOTTOM.	HS -60	250	DEG F	2.000	1				-1 1
COMMENT: EVG 747-100 (TWA 800 INVESTIGATION).			ORIGINATOR: DJP 06/24/97		LAST REVISION:				RPL 07/12/97		
			ADDED BY: DJP 06/24/97		APPVD BY:						
			DELE BY:		APPVD BY:						
			APPROVAL CMT:								
			CNFLT:								
			TIRL TH/CALMS:		AP TH/CALMS: N						
6170305 2.17	A/T #5 RBL50 EXT CNT BTTM	DESCRIPTION: TEMPERATURE, AMBIENT #5. ON RBL 50 BETWEEN SWB #1 AND REAR SPAR, DIRECTLY BELOW T/ C 6170372, 4 INCHES BELOW CNT BOTTOM.	HS -60	250	DEG F	2.000	1				-1 1
COMMENT: EVG 747-100 (TWA 800 INVESTIGATION).			ORIGINATOR: DJP 06/24/97		LAST REVISION:				RPL 07/12/97		
			ADDED BY: DJP 06/24/97		APPVD BY:						
			DELE BY:		APPVD BY:						
			APPROVAL CMT:								
			CNFLT:								
			TIRL TH/CALMS:		AP TH/CALMS: N						

TEST ITEM REQUIREMENTS LIST

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TEST ITEM CODE: B2.23.0059

MEAS NO SECT NO	DATA TITLE	MEASUREMENT DESCRIPTION COMMENTS	RC MD	MIN VALUE	MAX VALUE	UNITS	ACC	FREQ/ SAMPL RATE	FIL TER	CUTOFF		PWR 10	DSPL CODE
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MNEMONIC			BUS NAME	DATA LABEL	REQD TYPE	BITS	LSB	RSLN	SDI/ EXT		ZERO	CNT	
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MEAS ID			SC	FACT	SIG	UNITS	OFFSET	HDLG	RATE	BITS	VALID	DELAY	
			WORD	POS	NO OF	WORDS	TYPE	LOCATION	RESP	GRP			
6170386 2.17	A/T #1 TANKS VENT	DESCRIPTION: TEMPERATURE, AMBIENT #1. AT THE SURGE TANK END OF THE MAIN TANK #5 VENT CHANNELS. CENTER T/C A FEW INCHES INSIDE CHANNEL.	HS	-60	250	DEG F	2.000	1					-1 1
COMMENT: EVG 747-100 (TWA 800 INVESTIGATION).			ORIGINATOR: DJP 06/26/97		LAST REVISION: DJP 06/26/97		ADDED BY: DJP 06/27/97		APPVD BY:		RLP 07/12/97		
			DELE BY:		APPVD BY:		APPROVAL CMT:		CNFLT:		TIRL TH/CALMS: N		
6170387 2.17	A/T #2 TANKS VENT	DESCRIPTION: TEMPERATURE, AMBIENT #2. AT THE SURGE TANK END OF THE MAIN TANK #5 VENT CHANNELS. CENTER T/C A FEW INCHES INSIDE CHANNEL.	HS	-60	250	DEG F	2.000	1					-1 1
COMMENT: EVG 747-100 (TWA 800 INVESTIGATION).			ORIGINATOR: DJP 06/26/97		LAST REVISION: DJP 06/26/97		ADDED BY: DJP 06/27/97		APPVD BY:		RLP 07/12/97		
			DELE BY:		APPVD BY:		APPROVAL CMT:		CNFLT:		TIRL TH/CALMS: N		
6170388 2.17	A/T TANK #4 VENT	DESCRIPTION: TEMPERATURE, AMBIENT. AT THE SURGE TANK END OF THE MAIN TANK #4 VENT CHANNEL. CENTER T/C A FEW INCHES INSIDE CHANNEL.	HS	-60	250	DEG F	2.000	1					-1 1
COMMENT: EVG 747-100 (TWA 800 INVESTIGATION).			ORIGINATOR: DJP 06/26/97		LAST REVISION: DJP 06/26/97		ADDED BY: DJP 06/27/97		APPVD BY:		RLP 07/12/97		
			DELE BY:		APPVD BY:		APPROVAL CMT:		CNFLT:		TIRL TH/CALMS: N		

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TEST ITEM CODE: B2.23.0039

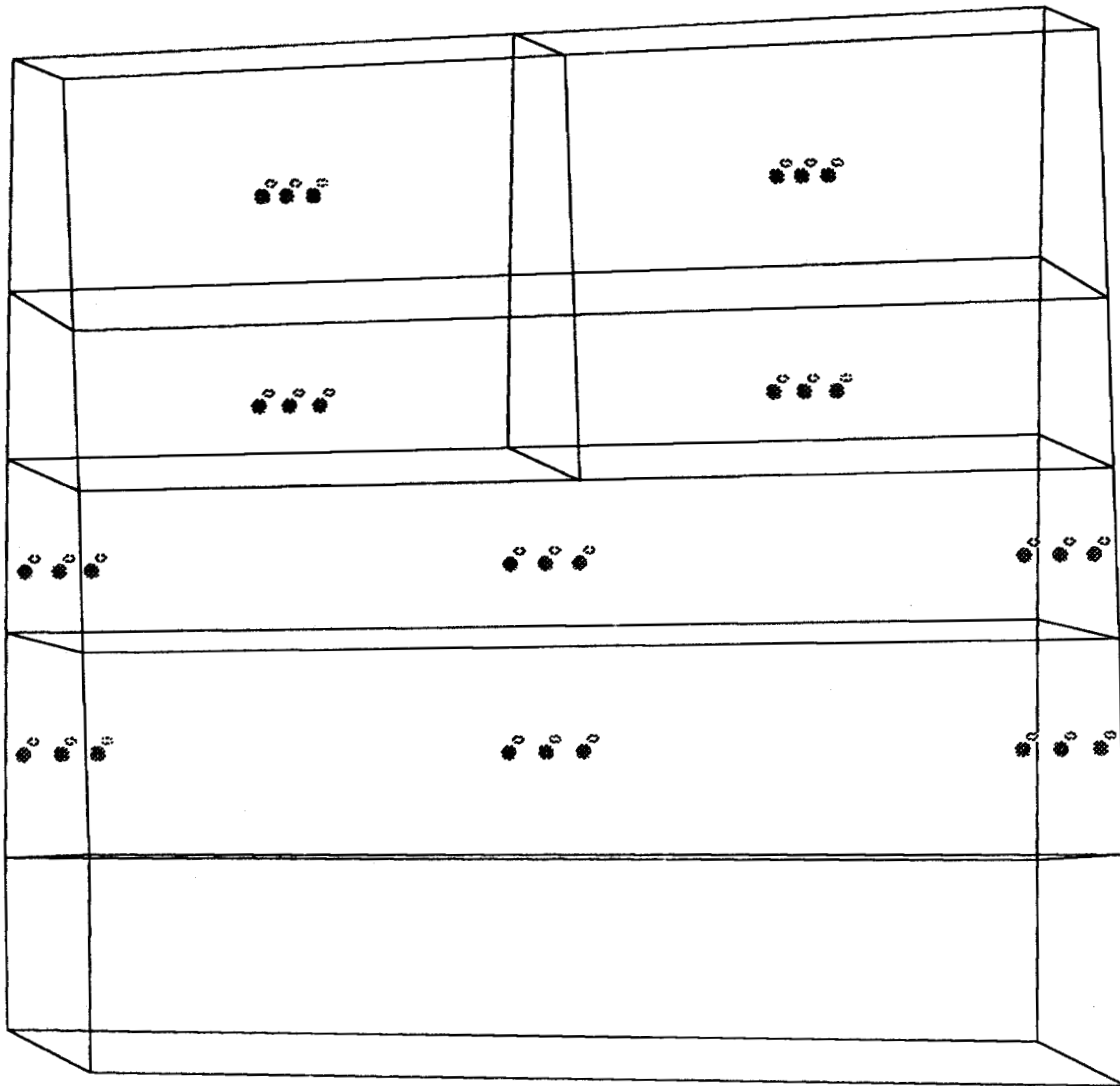
MEAS NO SECT NO	DATA TITLE	MEASUREMENT DESCRIPTION COMMENTS	RC MD	MIN VALUE	MAX VALUE	UNITS	ACC	FREQ/ SAMPL RATE	FIL TER	CUTOFF		PWR 10	DSPL CODE
										FREQ	HI---		
MNEMONIC			BUS NAME	DATA LABEL	REQD TYPE	BITS	LSB	RSLN	SDI/ EXT		ZERO	CNT	
SOURCE POS SOURCE									SPCL	BUS			# OF
MEAS ID			SC	FACT	SIG	UNITS	OFFSET	HDLG	RATE	BITS	VALID	DELAY	
			WORD	POS	NO OF	WORDS	TYPE	LOCATION	RESP	GRP			
6170389 2.17	A/T #1 SRG TNK OVBD VT	DESCRIPTION: TEMPERATURE, AMBIENT. INSIDE THE SURGE TANK OVERBOARD VENT DUCT, AT THE OUTBOARD SIDE OF THE BEND (AT THE LIMIT OF THE SURGE TANK SUPP. DETECTOR VIEW). CENTER IN DUCT.	HS	-60	250	DEG F	2.000	1					-1 1
COMMENT: EVG 747-100 (TWA 800 INVESTIGATION).			ORIGINATOR: DJP 06/26/97		LAST REVISION: DJP 06/26/97		ADDED BY: DJP 06/27/97		APPVD BY:		RLP 07/12/97		
			DELE BY:		APPVD BY:		APPROVAL CMT:		CNFLT:		TIRL TH/CALMS: N		
6170390 2.17	A/T #2 SURGE OVBRD VENT	DESCRIPTION: TEMPERATURE, AMBIENT #2. INSIDE THE SURGE TANK OVERBOARD VENT DUCT, AT THE OPENING INTO THE SURGE TANK. CENTER INSIDE DUCT.	HS	-60	250	DEG F	2.000	1					-1 1
COMMENT: EVG 747-100 (TWA 800 INVESTIGATION).			ORIGINATOR: DJP 06/26/97		LAST REVISION: DJP 06/26/97		ADDED BY: DJP 06/27/97		APPVD BY:		RLP 07/12/97		
			DELE BY:		APPVD BY:		APPROVAL CMT:		CNFLT:		TIRL TH/CALMS: N		
6170391 2.17	A/T #1 RT WNG SURGETNK	DESCRIPTION: TEMPERATURE, AMBIENT #1. CENTER IN EACH BAY OF RIGHT WING SURGE TANK.	HS	-60	250	DEG F	2.000	1					-1 1
COMMENT: EVG 747-100 (TWA 800 INVESTIGATION).			ORIGINATOR: DJP 06/26/97		LAST REVISION: DJP 06/26/97		ADDED BY: DJP 06/27/97		APPVD BY:		RLP 07/12/97		
			DELE BY:		APPVD BY:		APPROVAL CMT:		CNFLT:		TIRL TH/CALMS: N		

MEAS NO SECT NO	DATA TITLE	MEASUREMENT DESCRIPTION COMMENTS	RC MD	MIN VALUE	MAX VALUE	UNITS	ACC	FREQ/ SAMPL RATE	FIL TER	CUTOFF FREQ HI---LO	PWR 10	DSPL CODE
MNEMONIC			BUS NAME	DATA LABEL	REQD TYPE	REQU BITS	LSB	RSLN	SDI/ EXT	ZERO	CMT	
SOURCE POS SOURCE			SC FACT	SIG	UNITS	OFFSET	SPCL HDLG	BUS RATE	# OF BITS	INTRPL VALID	DELAY	
MEAS ID			WORD POS	NO OF WORDS	TYPE	LOCATION	RESP	GRP				
6170392 2.17	A/T #2 RT WNG SURGETNK	DESCRIPTION: TEMPERATURE, AMBIENT #2. CENTER IN HS EACH BAY OF RIGHT WING SURGE TANK.	-60	250	DEG F	2.000	1					-1 1
COMMENT: EVG 747-100 (TWA 800 INVESTIGATION).			ORIGINATOR: DJP 06/26/97		LAST REVISION:		ADDED BY: DJP 06/27/97		APPVD BY:		RLP 07/12/97	
			DELE BY:		APPVD BY:		APPROVAL CMT:		CNFLT:			
			TIRL TM/CALMS:		AP TM/CALMS: N							
6170393 2.17	A/T TANKS INBD VENT	DESCRIPTION: TEMPERATURE, AMBIENT. INSIDE MAIN TANK#3 INBOARD VENT OPENING. CENTER A FEW INCHES INSIDE TUBING.	-60	250	DEG F	2.000	1					-1 1
COMMENT: EVG 747-100 (TWA 800 INVESTIGATION).			ORIGINATOR: DJP 06/26/97		LAST REVISION:		ADDED BY: DJP 06/27/97		APPVD BY:		RLP 07/12/97	
			DELE BY:		APPVD BY:		APPROVAL CMT:		CNFLT:			
			TIRL TM/CALMS:		AP TM/CALMS: N							
6170394 2.17	A/T TANKS OTBD VENT	DESCRIPTION: TEMPERATURE, AMBIENT. INSIDE MAIN TANK#3 OUTBOARD VENT OPENING. CENTER A FEW INCHES INSIDE TUBING.	-60	250	DEG F	2.000	1					-1 1
COMMENT: EVG 747-100 (TWA 800 INVESTIGATION).			ORIGINATOR: DJP 06/26/97		LAST REVISION:		ADDED BY: DJP 06/27/97		APPVD BY:		RLP 07/12/97	
			DELE BY:		APPVD BY:		APPROVAL CMT:		CNFLT:			
			TIRL TM/CALMS:		AP TM/CALMS: N							

MEAS NO SECT NO	DATA TITLE	MEASUREMENT DESCRIPTION COMMENTS	RC MD	MIN VALUE	MAX VALUE	UNITS	ACC	FREQ/ SAMPL RATE	FIL TER	CUTOFF FREQ HI---LO	PWR 10	DSPL CODE
MNEMONIC			BUS NAME	DATA LABEL	REQD TYPE	REQU BITS	LSB	RSLN	SDI/ EXT	ZERO	CMT	
SOURCE POS SOURCE			SC FACT	SIG	UNITS	OFFSET	SPCL HDLG	BUS RATE	# OF BITS	INTRPL VALID	DELAY	
MEAS ID			WORD POS	NO OF WORDS	TYPE	LOCATION	RESP	GRP				
6170395 2.17	A/T #1 INT TANKS	DESCRIPTION: TEMPERATURE, AMBIENT. NEAR HIGH POINT OF EACH FUEL PUMP POWER CONDUIT (JUST FORWARD OF WHERE THE TUBING IS CLAMPED TO THE WING RIB). T/C'S SHOULD BE APPROX 6" BELOW WING TOP SKIN AND 3" FROM ANY ADJACENT STRUCT OR TUBING.	-60	250	DEG F	2.000	1					-1 1
COMMENT: EVG 747-100 (TWA 800 INVESTIGATION).			ORIGINATOR: DJP 06/26/97		LAST REVISION:		ADDED BY: DJP 06/27/97		APPVD BY:		RLP 07/12/97	
			DELE BY:		APPVD BY:		APPROVAL CMT:		CNFLT:			
			TIRL TM/CALMS:		AP TM/CALMS: N							
6170396 2.17	A/T #2 INT TANKS	DESCRIPTION: TEMPERATURE, AMBIENT. NEAR HIGH POINT OF EACH FUEL PUMP POWER CONDUIT (JUST FORWARD OF WHERE THE TUBING IS CLAMPED TO THE WING RIB). T/C'S SHOULD BE APPROX 6" BELOW WING TOP SKIN AND 3" FROM ANY ADJACENT STRUCT OR TUBING.	-60	250	DEG F	2.000	1					-1 1
COMMENT: EVG 747-100 (TWA 800 INVESTIGATION).			ORIGINATOR: DJP 06/26/97		LAST REVISION:		ADDED BY: DJP 06/27/97		APPVD BY:		RLP 07/12/97	
			DELE BY:		APPVD BY:		APPROVAL CMT:		CNFLT:			
			TIRL TM/CALMS:		AP TM/CALMS: N							

6170397 - ST added to vent #3 surge culture

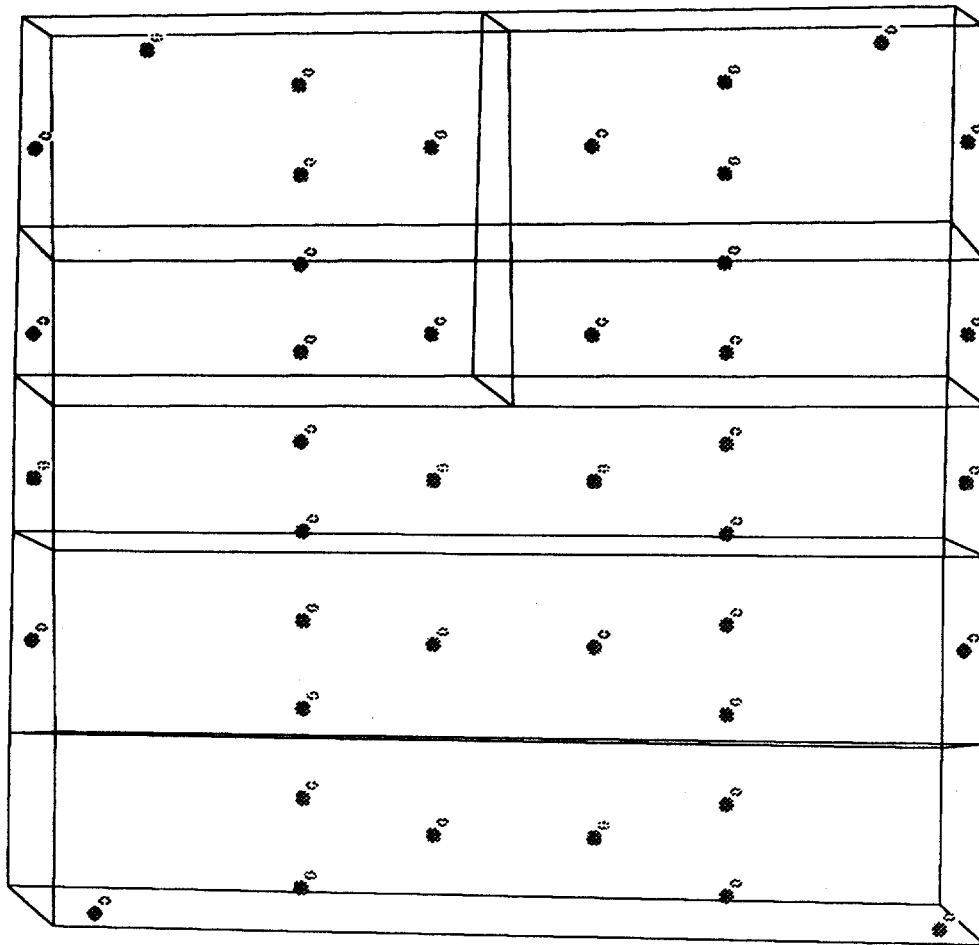
TWA800 Flight Test Center Wing Tank Ullage Air Temperature Measurement Locations



Color Key

■	0
■	0
■	0
■	0
■	0

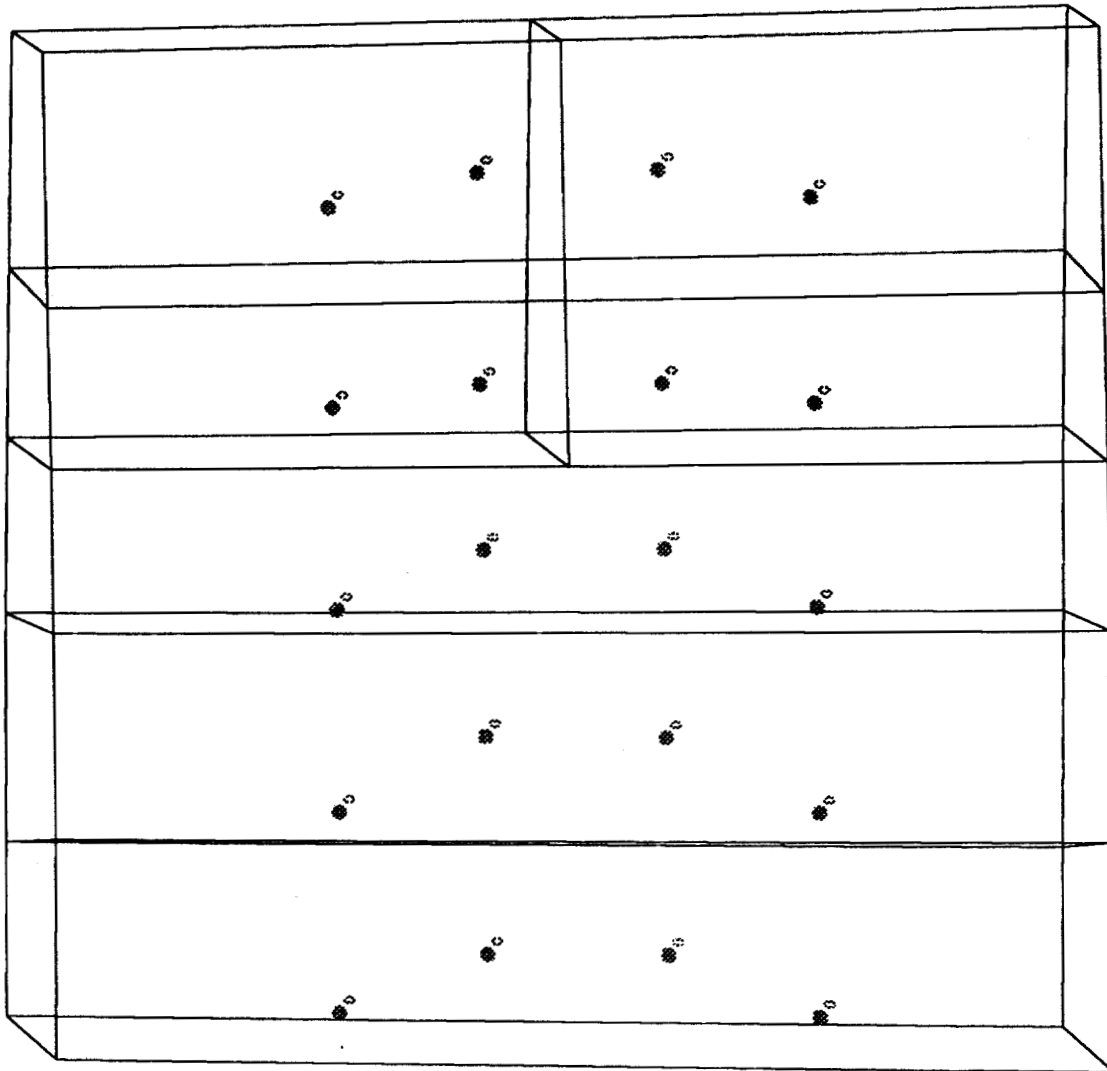
TWA800 Flight Test Center Wing Tank Surface Temperature Measurement Locations



Color Key

■	0
■	0
■	0
■	0
■	0

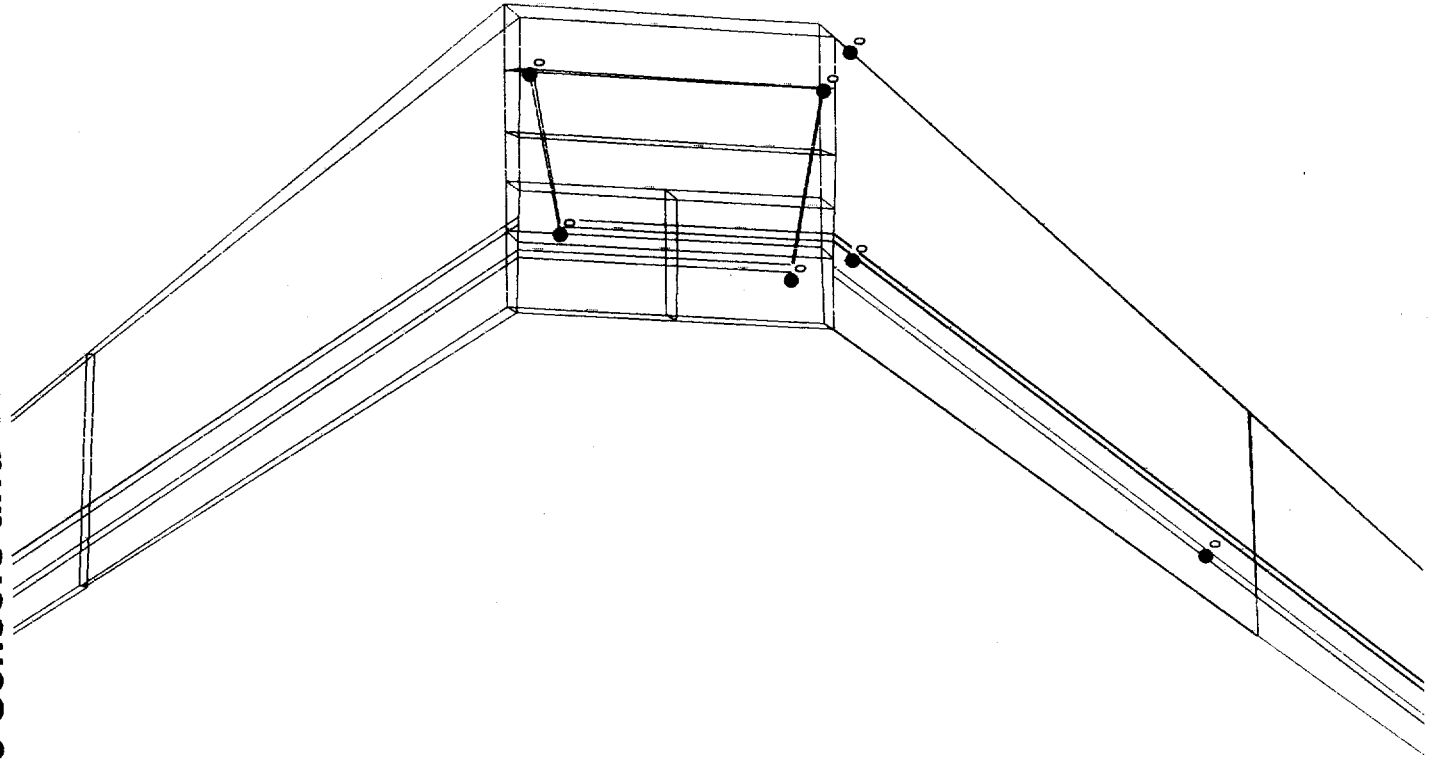
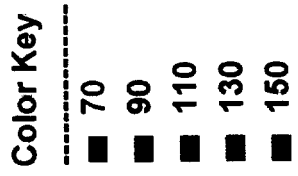
TWA800 Flight Test
ECS Pack Bay Air Temperature Measurement Locations
Sensors 4 inches below CWT bottom



Color Key

■	0
■	0
■	0
■	0
■	0

TWA800 Flight Test Tank 3 Sensors and CWT vent inlets



<u>Monday 7/14</u> AM: Packs 2 & 3 Continuous (5.3)	<u>Tuesday, 7/15</u> AM: Cruise Condition (All packs to FL 350) (5.6)	<u>Wednesday, 7/16</u> AM: Packs 1 & 3 continuous flight plan in replication of 2 & 3 continuous (Boeing Baseline) (5.9)	<u>Thursday, 7/17</u> AM: Tankered Fuel (6000 lbs) (used Cruise condition as a baseline (5.8)	<u>Friday, 7/18</u> AM: Fuel added before taxi. (12000 lbs) Packs 2 & 3 AM: Finish pack bay modification	<u>Saturday, 7/19</u> AM: Replace air conditioning pack seals.	<u>Sunday, 7/20</u> AM: Refurbish
PM: FBI/DoD flight tests (5.5)	PM: Emulation of TWA Flight 800 (Packs 1&3) (5.7)	PM: Packs 1 & 2 and cross-feed from tank 3 (FAA crossfeed procedure)(5.4)	PM: Begin to modify for Boeing pack cooling test	PM: Modified Air Conditioning Pack Inlet (5.10) (Boeing Flight)	PM: : Modified Air Conditioning Pack Inlet with New Pack Components (Boeing Flight)(5.11) Begin Refurbish	PM: Refurbish
<u>Monday, 7/21</u> AM: Refurbish	<u>Tuesday, 7/22</u> AM:	<u>Wednesday, 7/23</u> AM:	<u>Thursday, 7/24</u> AM:	<u>Friday, 7/25</u> AM:	<u>Saturday, 7/26</u> AM:	<u>Sunday, 7/27</u> AM:
PM: Return to Standard A/W Certificate	PM:	PM:	PM:	PM:	PM:	PM: