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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)**

SSSSSSSSSS	PPPPPPPPPP	AAAAAAAAAA	TTTTTTTTTTTT	MM	MM	HH	HH	5555555555	11
SSSSSSSSSS	PPPPPPPPPP	AAAAAAAAAA	TTTTTTTTTTTT	MMM	MMM	HH	HH	5555555555	111
SS SS	PP PP	AA AA	TT	MMMM	MMMM	HH	HH	55	1111
SS	PP PP	AA AA	TT	MM MM	MM MM	HH	HH	55	11
SSS	PP PP	AA AA	TT	MM MMMM	MM	HH	HH	55	11
SSSSSSSS	PPPPPPPPPP	AAAAAAAAAA	TT	MM MM	MM	HHHHHHHHHH	HHHHHHHHHH	55555555	11
SSSSSSSS	PPPPPPPPPP	AAAAAAAAAA	TT	MM	MM	HHHHHHHHHH	HHHHHHHHHH	5555555555	11
SSS	PP	AA AA	TT	MM	MM	HH	HH	55	11
SS	PP	AA AA	TT	MM	MM	HH	HH	55	11
SS SS	PP	AA AA	TT	MM	MM	HH	HH	55	11
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SSSSSSSSSS	PP	AA AA	TT	MM	MM	HH	HH	5555555555	1111111111

JJJJJJJJJ	0000000000	BBBBBBBBBB	00000000	11	3333333333	9999999999	9999999999
JJJJJJJJJ	0000000000	BBBBBBBBBB	00000000	111	333333333333	999999999999	999999999999
JJ	00 00	BB BB	00 0000	1111	33	99 99	99 99
JJ	00 00	BB BB	00 00 00	11	33	99 99	99 99
JJ	00 00	BB BB	00 00 00	11	33	99 99	99 99
JJ	00 00	BBBBBBBB	00 00 00	11	3333	999999999999	999999999999
JJ	00 00	BBBBBBBB	00 00 00	11	3333	999999999999	999999999999
JJ	00 00	BB BB	00 00 00	11	33	99	99
JJ JJ	00 00	BB BB	0000 00	11	33	99	99
JJ JJ	00 00	BB BB	000 00	11	33	99	99
JJJJJJJ	0000000000	BBBBBBBBBB	00000000	1111111111	333333333333	999999999999	999999999999
JJJJJJ	0000000000	BBBBBBBBBB	00000000	1111111111	3333333333	9999999999	9999999999

01

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**START**START**START**START**START**START**START**START**START**
*
*
* JOBID:          JOB01399
* JOB NAME:       SPATMH51
* USERID:        CICSCSL
* SYSOUT CLASS:  A
* OUTPUT GROUP:  2          .00001.00001
* TITLE:
*
* DESTINATION:   LOCAL
* NAME:          HENRY, THOM 3-800.4P
* ROOM:
* BUILDING:
* DEPARTMENT:
* ADDRESS:
*
*
* PRINT TIME:    09:04:05 AM
* PRINT DATE:    17 JUL 1997
* PRINTER:       PRT1
* SYSTEM ID:     FTCS
*
*
**START**START**START**START**START**START**START**START**START**

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TEST ITEM REQUIREMENTS LIST

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PAGE NO: 1

TEST ITEM CODE: B2.25.0039 EMA/PROJ CNTL NO: 43-6C065  
 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

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 M/S  
 655-5700 B-KF03 14-KK  
 DIVISION ENGR:  
 DIVISION DER:  
 FT TEST OPERATIONS: VANNORTWICK, MICHAEL, H 342-0029 B-XE04 0F-00  
 FT GROUND OPERATIONS: REED, DWIGHT, Y 342-0065 B-XE03 0F-00  
 FT INSTRUMENTATION: PUMM, 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: 21:54  
 INSTRUMENTATION REVISOR: ODOWD, MICHAEL, D DATE: 07/00/97 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	06/17/97
PROGRAM ESTIMATE	20+00	0+00	0+00	0+00	
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

TEST ITEM REQUIREMENTS LIST

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TEST ITEM CODE: B2.25.0039

UML RECORD IDS: TRM-GPS 4110 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	-100.	100.	DEG
1840005		ROLL ANGLE TRM-GPS 325	-100.	100.	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 I ALT TRM-GPS 244	-131072	131072.	FEET
1840010		UTC FINE TRM-GPS 140	0.	1.	SECOND
1840011		UTC HOUR TRM-GPS 150	0.	23.	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	-100.	100.	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.	16.	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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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 EDH LVR	HEAT EXCHNGR	-60.	250.	DEG F
6170268	S/T EDH LVR	HEAT EXCHNGR	-60.	250.	DEG F
6170269	S/T EDH 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 LBL50	EXT CNT BTM	-60.	250.	DEG F
6170355	S/T #2 LBL50	EXT CNT BTM	-60.	250.	DEG F
6170356	S/T #3 LBL50	EXT CNT BTM	-60.	250.	DEG F
6170357	S/T #4 LBL50	EXT CNT BTM	-60.	250.	DEG F
6170358	S/T #5 LBL50	EXT CNT BTM	-60.	250.	DEG F
6170359	S/T #6 LBL50	EXT CNT BTM	-60.	250.	DEG F
6170360	S/T #7 LBL50	EXT CNT BTM	-60.	250.	DEG F
6170361	S/T #8 LBL50	EXT CNT BTM	-60.	250.	DEG F
6170362	S/T #9 LBL50	EXT CNT BTM	-60.	250.	DEG F
6170363	S/T#10 LBL50	EXT CNT BTM	-60.	250.	DEG F
6170364	S/T#1 RBL50	EXT CNT BTM	-60.	250.	DEG F
6170365	S/T#2 RBL50	EXT CNT BTM	-60.	250.	DEG F
6170366	S/T#3 RBL50	EXT CNT BTM	-60.	250.	DEG F
6170367	S/T#4 RBL50	EXT CNT BTM	-60.	250.	DEG F
6170368	S/T#5 RBL50	EXT CNT BTM	-60.	250.	DEG F
6170369	S/T#6 RBL50	EXT CNT BTM	-60.	250.	DEG F
6170370	S/T#7 RBL50	EXT CNT BTM	-60.	250.	DEG F
6170371	S/T#8 RBL50	EXT CNT BTM	-60.	250.	DEG F
6170372	S/T#9 RBL50	EXT CNT BTM	-60.	250.	DEG F
6170373	S/T#10RBL50	EXT CNT BTM	-60.	250.	DEG F
5441026	A/CBAY CWT	SURF TEMP #6	50.	150.	DEG F
5441027	A/CBAY CWT	SURF TEMP #7	50.	150.	DEG F
5441028	A/CBAY CWT	SURF TEMP #8	50.	150.	DEG F
5441029	A/CBAY CWT	SURF TEMP #9	50.	150.	DEG F
5441030	A/CBAY CWT	SURF TEMP 10	50.	150.	DEG F
5441036	A/CBAY CWT	SURF TEMP 16	50.	150.	DEG F
5441037	A/CBAY CWT	SURF TEMP 17	50.	150.	DEG F
5441038	A/CBAY CWT	SURF TEMP 18	50.	150.	DEG F
5441039	A/CBAY CWT	SURF TEMP 19	50.	150.	DEG F
5441040	A/CBAY CWT	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 TMP	0.	0.	DEG F
5441043	A/C PACK 2	HT EXCH TEMP	0.	0.	DEG F
5441044	A/C PACK 2	COMP OUT TMP	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 CWT

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

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6170348	ACCEL LAT	AXIS	-30.	30.	G
6170349	ACCEL YAW	AXIS	-30.	30.	G
3067311	AIRSPEED	CAS,CADC #2	50.	450.	KT
3067312	ALTITUDE	CADC #2	-1800.	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	FOIS SYS	VOLTAGE	0.	5.	VAC
6170352	FOIS SYS	CURRENT	0.	5.	AAC
6170342	PRESS	FWD BAY	0.	0.	PSIA
6170343	PRESS BTWN	SMB28HS	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 800

MEAS NO	DATA	TITLE	AUXILIARY LOWER	LIMITS UPPER	UNITS
6170274	A/T #4	FWD BAY #2	-60.	250.	DEG F
6170277	A/T #4	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 WNG	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

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MEAS NO SECT NO	DATA TITLE	MEASUREMENT COMMENTS	DESCRIPTION	RC HD	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			
0030101 0.00	IND TOTAL AIR TEMP M01		DESCRIPTION: TAT 01 TOTAL AIR TEMPERATURE FLIGH HS -60 60 DEG C .6000 5 -2 2 T TEST PROBE									
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								
1040000 1.21	PRES POS LAT TRM-GPS 310 T4		DESCRIPTION: PRESENT POSITION LATITUDE, IRS, LA HS -90 90 DEG 5 -4 4 PRESENT POSITION LATITUDE, IRS, LA HS -90 90 DEG 5 -4 4 TRM-GPS 310 BNR 9-29 1.71661E-04 N 0 0 A429 N HI 21 Y NC									
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								
1040001 1.21	PRES POS LON TRM-GPS 311 ON4		DESCRIPTION: PRESENT POSITION LONGITUDE, IRS, L HS -100 100 DEG 5 -4 4 PRESENT POSITION LONGITUDE, IRS, L HS -100 100 DEG 5 -4 4 TRM-GPS 311 BNR 9-29 1.71661E-04 N 0 0 A429 N HI 21 Y NC									
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								

TEST ITEM CODE: B2.23.0039

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MEAS NO SECT NO	DATA TITLE	MEASUREMENT COMMENTS	DESCRIPTION	RC HD	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			
1040002 1.21	GROUND SPEED TRM-GPS 312		DESCRIPTION: GROUND SPEED, IRS, VGS4 HS -4096 4096 KNOTS 10 -1 1 GROUND SPEED, IRS, VGS4 HS -4096 4096 KNOTS 10 -1 1 TRM-GPS 312 BNR 14-29 1.25000E-01 N 0 0 A429 N HI 16 Y NC									
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								
1040003 1.21	TRUE HEADING TRM-GPS 314		DESCRIPTION: TRUE HEADING HS 0 360 DEG 25 -2 2 TRUE HEADING HS 0 360 DEG 25 -2 2 TRM-GPS 314 BIN 14-29 5.49316E-03 N 0 0 A429 N HI 16 Y NC									
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								
1040004 1.21	PITCH ANGLE TRM-GPS 324		DESCRIPTION: PITCH ANGLE LEFT, IRS HS -100 100 DEG 50 -2 2 PITCH ANGLE LEFT, IRS HS -100 100 DEG 50 -2 2 TRM-GPS 324 BNR 15-29 1.09063E-02 N 0 0 A429 N HI 15 Y NC									
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	HS -180 TRM-GPS 325	180 BNR 15-29	DEG			50 1.09863E-02	N			-2 2
COMMENT: CREATED FOR THE EVERGREEN RA028 NTSB FUEL TANK FLIGHT TEST			0	0			A429	HI 15		Y NC		
			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	HS -128 TRM-GPS 326	128 BNR 16-29	DEG/S			50 1.56250E-02	N			-2 2
COMMENT: CREATED FOR THE EVERGREEN RA028 NTSB FUEL TANK FLIGHT TEST			0	0			A429	HI 14		Y NC		
			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	HS -128 TRM-GPS 327	128 BNR 16-29	DEG/S			50 1.56250E-02	N			-2 2
COMMENT: CREATED FOR THE EVERGREEN RA028 NTSB FUEL TANK FLIGHT TEST			0	0			A429	HI 14		Y NC		
			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, YND4B	HS -128 TRM-GPS 330	128 BNR 16-29	DEG/S			50 1.56250E-02	N			-2 2
COMMENT: CREATED FOR THE EVERGREEN RA028 NTSB FUEL TANK FLIGHT TEST			0	0			A429	HI 14		Y NC		
			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	HS -131072 TRM-GPS 204	131072 BNR 12-29	FEET			16 1.00000E+00	N			0 0
COMMENT: CREATED FOR THE EVERGREEN RA028 NTSB FUEL TANK FLIGHT TEST			0	0			A429	HI 18		Y NC		
			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	HS 0 TRM-GPS 140	1.0 BIN 9-28	SECOND			1 9.53674E-07	N			-3 0
COMMENT: CREATED FOR THE EVERGREEN RA028 NTSB FUEL TANK FLIGHT TEST			0	0			A429	HI 20		Y NC		
			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
MEMONIC			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				
1840011 1.21	UTC HOUR TRM-GPS 150	DESCRIPTION: UTC HOUR	HS TRM-GPS	0 150	23 BIN	HOUR 24-28		1 1.00000E+00	N			0 0
MEMONIC UTCHRS			0	0			A429					
SOURCE POS SOURCE												
MEAS ID												
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									
1840012 1.21	UTC MINUTES TRM-GPS 150	DESCRIPTION: GPSSU UTC MINUTES	HS TRM-GPS	0 150	59 BIN	MINUTE 18-23		1 1.00000E+00	N			0 0
MEMONIC UTCHIN			0	0			A429					
SOURCE POS SOURCE												
MEAS ID												
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									
1840013 1.21	DAY ONES TRM-GPS 260	DESCRIPTION: DAY ONES	HS TRM-GPS	0 260				1 1.00000E+00	N			0 0
MEMONIC GPSSU-L			0	0			A429					
SOURCE POS SOURCE												
MEAS ID												
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
MEMONIC			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				
1840014 1.21	MONTH ONES TRM-GPS 260	DESCRIPTION: MONTH ONES	HS TRM-GPS	0 260				1 1.00000E+00	N			0 0
MEMONIC GPSSU-L			0	0			A429					
SOURCE POS SOURCE												
MEAS ID												
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									
1840015 1.21	YEAR ONES TRM-GPS 260	DESCRIPTION: YEAR ONES	HS TRM-GPS	0 260				1 1.00000E+00	N			0 0
MEMONIC YEARONES			0	0			A429					
SOURCE POS SOURCE												
MEAS ID												
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									
1840016 1.21	DAY TENS TRM-GPS 260	DESCRIPTION: DAY TENS	HS TRM-GPS	0 260				1 1.00000E+00	N			0 0
MEMONIC GPSSU-L			0	0			A429					
SOURCE POS SOURCE												
MEAS ID												
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	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			
1840017 1.21	MONTH TENS TRM-GPS 260	DESCRIPTION: MONTH TENS	HS TRM-GPS	260	BIN	23-23		1.00000E+00	N	1		0 0
	GPSSU-L			0				N 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 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	N	4		0 0
	YEARTENS			0				N 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 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, H41	HS TRM-GPS	-131072 361	BIN	9-29		1.25000E-01	N	21		-1 0
				0				N 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	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			
1840020 1.21	UTC SECONDS TRM-GPS 150	DESCRIPTION: UTC SECONDS	HS TRM-GPS	0 150	BIN	12-17		1.00000E+00	N	6		0 0
	UTCSEC			0				N 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 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	BIN	9-29		1.25000E-01	N	21		0 0
	GPSSU-L			0				N 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 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 1024	BIN	14-28		3.12500E-02	N	15		-2 2
	GPSSU-L			0				N 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 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	PMR 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				
1840023 3.21	VDOP TRM-GPS 102	DESCRIPTION: VDOP	HS 0 TRM-GPS	1024 102	BIN	14-28		3.12500E-02	1 N	15		-2 2
	GPSSU-L		0	0			A429		HI	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 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 TRM-GPS	100 110	DEGREE DMR	9-29		1.71661E-04	1 N	21		-4 4
	GPSSU-L		0	0			A429		HI	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 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 TRM-GPS	4096 112	KNOTS BIN	14-28		1.25000E-01	1 N	15		-1 1
	GPSSU-L		0	0			A429		HI	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 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	PMR 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				
1840026 3.21	FINE LAT WD TRM-GPS 120	DESCRIPTION: GPS LATITUDE FINE	HS TRM-GPS	120	DIM DIS	18-28			1 N	11		0 H
	GPSSU-L		0	0			A429		HI	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 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 TRM-GPS	1.72E-4 120	DEGREE BIN	18-28		8.36190E-08	1 N	11		0 3
	GPSSU-L		0	0			A429		HI	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 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 TRM-GPS	121	DIM DIS	18-28			1 N	11		0 H
	GPSSU-L		0	0			A429		HI	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 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	PMR 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				
1840029 3.21	LOW FINE TRM-GPS 121	DESCRIPTION: GPS LONGITUDE FINE	HS 0000 TRM-GPS	1.72E-4 121	DEGREE BIN	10-20		6.38190E-08 N HI	1 11	N		0 3
	GPSSU-L		0	0			A429					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		ADDED BY: MDO 07/08/97		APPVD BY: RLP 07/12/97			
	GPSSU-L	-L GPSSU	DELE BY:		APPVD BY:		APPROVAL CMT:		CNFLT:		TIRL TH/CALMS: AP TH/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	9-20		N HI	20	N		0 0
	GPSSU-L		0	0			A429					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		ADDED BY: MDO 07/08/97		APPVD BY: RLP 07/12/97			
	GPSSU-L	-L GPSSU	DELE BY:		APPVD BY:		APPROVAL CMT:		CNFLT:		TIRL TH/CALMS: AP TH/CALMS: N	
1840031 3.21	VRT FIG MRT TRM-GPS 136	DESCRIPTION: VERTICAL FIGURE OF MERIT	HS 0 TRM-GPS	32760 136	FEET BIN	11-20		1.25000E-01 N HI	1 10	N		0 0
	GPSSU-L		0	0			A429					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		ADDED BY: MDO 07/08/97		APPVD BY: RLP 07/12/97			
	GPSSU-L	-L GPSSU	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	PMR 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				
1840032 3.21	GPS N-S VEL TRM-GPS 166	DESCRIPTION: GPS NORTH-SOUTH VELOCITY	HS 0 TRM-GPS	4096 166	KNOTS BNR	14-29		1.25000E-01 N HI	1 16	N		0 0
	GPSSU-L		0	0			A429					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		ADDED BY: MDO 07/08/97		APPVD BY: RLP 07/12/97			
	GPSSU-L	-L GPSSU	DELE BY:		APPVD BY:		APPROVAL CMT:		CNFLT:		TIRL TH/CALMS: AP TH/CALMS: N	
1840033 3.21	GPS E-W VEL TRM-GPS 174	DESCRIPTION: GPS EAST - WEST VELOCITY	HS 0 TRM-GPS	4096 174	KNOTS BNR	14-29		1.25000E-01 N HI	1 16	N		0 0
	GPSSU-L		0	0			A429					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		ADDED BY: MDO 07/08/97		APPVD BY: RLP 07/12/97			
	GPSSU-L	-L GPSSU	DELE BY:		APPVD BY:		APPROVAL CMT:		CNFLT:		TIRL TH/CALMS: AP TH/CALMS: N	
1840034 3.21	H FIG MERIT TRM-GPS 247	DESCRIPTION: HORIZONTAL FIGURE OF MERIT	HS 0 TRM-GPS	16 247	NM BIN	11-20		6.10352E-05 N HI	1 10	N		3 3
	GPSSU-L		0	0			A429					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		ADDED BY: MDO 07/08/97		APPVD BY: RLP 07/12/97			
	GPSSU-L	-L GPSSU	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
MEMONIC			BUS NAME	DATA LABEL	REQD TYPE	RECD 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			
1840035 3.21	GPSSU STATUS TRM-GPS 273	DESCRIPTION: GPSSU STATUS	HS TRM-GPS	0 273	15 DIS		9-31		1 M			0 0
	GPSSU-L			0	0		A429		N	HI	23	M 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				ADDED BY: MDO 07/08/97		APPVD BY: RLP 07/12/97		
	-L GPSSU		DELE BY:	APPVD BY:		APPROVAL CMT:		CNFLT:		TIRL TH/CALMS: N		
1840036 3.21	SATS TRACKED TRM-GPS 273	DESCRIPTION: NUMBER OF SATELLITES TRACKED	HS 0 TRM-GPS	15 273	BIN	20-23		1.00000E+00	N	HI	4	0 0
	GPSSU-L			0	0		A429		N	HI	4	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				ADDED BY: MDO 07/08/97		APPVD BY: RLP 07/12/97		
	-L GPSSU		DELE BY:	APPVD BY:		APPROVAL CMT:		CNFLT:		TIRL TH/CALMS: N		
1840037 3.21	SATS IN VIEW TRM-GPS 273	DESCRIPTION: NUMBER OF SATELLITES IN VIEW	HS 0 TRM-GPS	15 273	BIN	16-19		1.00000E+00	N	HI	4	0 0
	GPSSU-L			0	0		A429		N	HI	4	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				ADDED BY: MDO 07/08/97		APPVD BY: RLP 07/12/97		
	-L GPSSU		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
MEMONIC			BUS NAME	DATA LABEL	REQD TYPE	RECD 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			
1840038 3.21	GPSSU MODE TRM-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 TRM-GPS	7 273	BIN	26-28		1.00000E+00	N	HI	3	0 0
	GPSSU-L			0	0		A429		N	HI	3	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				ADDED BY: MDO 07/08/97		APPVD BY: RLP 07/12/97		
	-L GPSSU		DELE BY:	APPVD BY:		APPROVAL CMT:		CNFLT:		TIRL TH/CALMS: N		
1840039 3.21	LONGITUDE TRM-GPS 111	DESCRIPTION: GPS LONGITUDE	HS -180 TRM-GPS	180 111	DEGREE		9-29	1.71661E-04	N	HI	21	-4 4
	GPSSU-L			0	0		A429		N	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				ADDED BY: MDO 07/08/97		APPVD BY: RLP 07/12/97		
	-L GPSSU		DELE BY:	APPVD BY:		APPROVAL CMT:		CNFLT:		TIRL 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	EEBA				Y ST
		COMMENT: CADC SYNCHRO OUTPUT E1-5 SHELF DISCONNECT, B164. 0 DEG = 100 KTS, 360 DEG = 600 KTS. HOOKUP: DB 164B, 56-X, 57-Y, 58-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:		CNFLT:		TIRL TH/CALMS: N		

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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	RECD TYPE	RECD 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,  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	HS	-1000	50000	FT	100.0	10				0 0
							ELEC	EESA		Y ST		
			ORIGINATOR: MRD 10/24/92		LAST REVISION: MRD 10/24/92		ADDED BY: DJP 06/23/97		APPVD BY: RLP 07/12/97			
			DELE BY:		APPVD BY:		APPROVAL CMT:		CNFLT:		TIRL TH/CALMS: N	
3067313 0.10	MACH NUMBER CADC #2	DESCRIPTION: MACH NUMBER, CADC #2,  COMMENT: CADC SYNCHRO OUTPUT E1-5 SHELF, B164.	HS	0	1	DIM	50E-4	50				-3 3
							ELEC	EESA		Y ST		
			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:		CNFLT:		TIRL TH/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
							TEMP	ACBY		Y S		
			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: N	

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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	RECD TYPE	RECD 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
							TEMP	ACBY		Y S		
			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: 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
							TEMP	ACBY		Y S		
			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: 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
							TEMP	ACBY		Y S		
			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: N	



MEAS NO SECT NO	DATA TITLE	MEASUREMENT DESCRIPTION COMMENTS	RC ND	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			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 CWT SURF TEMP #6	DESCRIPTION: TEMPERATURE, SURFACE < LEFT AIR CO NDITIONING PACK BAY, CENTER WING TANK > LOCATE T THERMOCOUPLE AT LBL 22 BETWEEN REAR SPAR AND SPAN WISE 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 CWT SURF TEMP #7	DESCRIPTION: TEMPERATURE, SURFACE < AIR CO NDITIONING PACK BAY, CENTER WING TANK > LOCATE T THERMOCOUPLE AT LBL 22 BETWEEN SPANWISE BEAM #1 A ND 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 CWT SURF TEMP #8	DESCRIPTION: TEMPERATURE, SURFACE < AIR CO NDITIONING PACK BAY, CENTER WING TANK > LOCATE T THERMOCOUPLE AT LBL 22 BETWEEN MID SPAR AND SPAN WISE 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							

MEAS NO SECT NO	DATA TITLE	MEASUREMENT DESCRIPTION COMMENTS	RC ND	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			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 CWT SURF TEMP #9	DESCRIPTION: TEMPERATURE, SURFACE < AIR CO NDITIONING PACK BAY, CENTER WING TANK > LOCATE T THERMOCOUPLE AT LBL 22 BETWEEN SPANWISE BEAM #2 A ND 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 CWT SURF TEMP 10	DESCRIPTION: TEMPERATURE, SURFACE < AIR CO NDITIONING PACK BAY, CENTER WING TANK > LOCATE T THERMOCOUPLE AT LBL 22 BETWEEN SPANWISE BEAM #3 A ND 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							
5441036 5.05	A/CBAY CWT SURF TEMP 16	DESCRIPTION: TEMPERATURE, SURFACE < AIR CO NDITIONING PACK BAY, CENTER WING TANK > LOCATE T THERMOCOUPLE AT RBL 22 BETWEEN REAR SPAR AND SPAN WISE 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							



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								RATE		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				
5441037 5.05	A/CBAY CWT SURF TEMP 17	DESCRIPTION: TEMPERATURE, SURFACE < AIR CO NDITIONING PACK BAY, CENTER WING TANK > LOCATE T HERMOCOUPLE 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 APPVD BY: RLP 07/12/97 DELE BY: APPVD BY: APPROVAL CMT: CNFLT: TIRL TH/CALMS: AP TH/CALMS: N										
5441038 5.05	A/CBAY CWT SURF TEMP 18	DESCRIPTION: TEMPERATURE, SURFACE < AIR CO NDITIONING PACK BAY, CENTER WING TANK > LOCATE T HERMOCOUPLE 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 APPVD BY: RLP 07/12/97 DELE BY: APPVD BY: APPROVAL CMT: CNFLT: TIRL TH/CALMS: AP TH/CALMS: N										
5441039 5.05	A/CBAY CWT SURF TEMP 19	DESCRIPTION: TEMPERATURE, SURFACE < AIR CO NDITIONING PACK BAY, CENTER WING TANK > LOCATE T HERMOCOUPLE 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 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	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	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				
5441040 5.05	A/CBAY CWT SURF TEMP 20	DESCRIPTION: TEMPERATURE, SURFACE < AIR CO NDITIONING PACK BAY, CENTER WING TANK > LOCATE T HERMOCOUPLE 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 APPVD BY: RLP 07/12/97 DELE BY: APPVD BY: APPROVAL CMT: CNFLT: TIRL TH/CALMS: AP TH/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 APPVD BY: RLP 07/12/97 DELE BY: APPVD BY: APPROVAL CMT: CNFLT: TIRL TH/CALMS: AP TH/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 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	REQD BITS	LSB RSLN	SAMPL RSLN	SAMPL RSLN	SAMPL 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				
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 TM/CALMS:		AP TM/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 TM/CALMS:		AP TM/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 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	REQD BITS	LSB RSLN	SAMPL RSLN	SAMPL RSLN	SAMPL 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				
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 TM/CALMS:		AP TM/CALMS: N				
6170243 2.17	S/T #1R BODY RIB IN CWT	DESCRIPTION: TEMPERATURE, SURFACE #1. ON RIGHT SIDE OF BODY RIB INSIDE CWT. BETWEEN SPANWISE BE AM 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 TM/CALMS:		AP TM/CALMS: N				
6170244 2.17	S/T #2R BODY RIB IN CWT	DESCRIPTION: TEMPERATURE, SURFACE #2. ON RIGHT SIDE OF BODY RIB INSIDE CWT. 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 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	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 CMT	DESCRIPTION: TEMPERATURE, SURFACE #3. ON RIGHT SIDE OF BODY RIB INSIDE CMT. BETWEEN MID SPAR A ND SPANWISE BEAM #1.	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		APPD BY: DJP 06/20/97		RPL 07/12/97		
			DELE BY:		APPD BY:		APPROVAL CHT:				
			CNFLT:		AP TH/CALMS: N						
			TIRL TH/CALMS:								
6170246 2.17	S/T #4R RIB IN CMT	DESCRIPTION: TEMPERATURE, SURFACE #4. ON RIGHT SIDE OF BODY RIB INSIDE CMT. BETWEEN SPANWI SE BEAM #1 AND REAR SPAR.	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		APPD BY: DJP 06/20/97		RPL 07/12/97		
			DELE BY:		APPD BY:		APPROVAL CHT:				
			CNFLT:		AP TH/CALMS: N						
			TIRL TH/CALMS:								
6170247 2.17	S/T #1L RIB IN CMT	DESCRIPTION: TEMPERATURE, SURFACE #1. ON LEFT S IDE OF BODY RIB INSIDE CMT. BETWEEN SWB 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		APPD BY: DJP 06/20/97		RPL 07/12/97		
			DELE BY:		APPD BY:		APPROVAL CHT:				
			CNFLT:		AP TH/CALMS: N						
			TIRL TH/CALMS:								

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		
6170248 2.17	S/T #2L RIB IN CMT	DESCRIPTION: TEMPERATURE, SURFACE #2. ON LEFT S IDE OF BODY RIB INSIDE CMT. BETWEEN SWB 2 AND MID SPAR.	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		APPD BY: DJP 06/20/97		RPL 07/12/97		
			DELE BY:		APPD BY:		APPROVAL CHT:				
			CNFLT:		AP TH/CALMS: N						
			TIRL TH/CALMS:								
6170249 2.17	S/T #3L RIB IN CMT	DESCRIPTION: TEMPERATURE, SURFACE #3. ON LEFT S IDE OF BODY RIB INSIDE CMT. BETWEEN MID SP AR AND SWB 1.	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		APPD BY: DJP 06/20/97		RPL 07/12/97		
			DELE BY:		APPD BY:		APPROVAL CHT:				
			CNFLT:		AP TH/CALMS: N						
			TIRL TH/CALMS:								
6170250 2.17	S/T #4L RIB IN CMT	DESCRIPTION: TEMPERATURE, SURFACE #4. ON LEFT S IDE OF BODY RIB INSIDE CMT. BETWEEN SWB 1 AND REAR SPAR.	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		APPD BY: DJP 06/20/97		RPL 07/12/97		
			DELE BY:		APPD BY:		APPROVAL CHT:				
			CNFLT:		AP TH/CALMS: N						
			TIRL TH/CALMS:								

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					
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, TWA 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 TM/CALMS: AP TM/CALMS: N	
			TEMP		BODY		Y		EP			
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, TWA 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 TM/CALMS: AP TM/CALMS: N	
			TEMP		BODY		Y		EP			
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, TWA 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 TM/CALMS: AP TM/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 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					
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 TM/CALMS: AP TM/CALMS: N	
			TEMP		BODY		Y		EP			
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 TM/CALMS: AP TM/CALMS: N	
			TEMP		BODY		Y		EP			
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 TM/CALMS: AP TM/CALMS: N	
			TEMP		BODY		Y		EP			

MEAS NO SECT NO	DATA TITLE	MEASUREMENT DESCRIPTION COMMENTS	RC NO	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				
6170257 2.17	S/T #3 INT CNT TOP	DESCRIPTION: TEMPERATURE, SURFACE #3. ON INTERI OR CNT ROOF BETWEEN SPANNISE BEAM2 AND SPANNISE 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 DBL 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: 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 NO	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				
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: 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		DSPL CODE
								RATE		HI	LO	
MNEMONIC			BUS NAME	DATA LABEL	REQD TYPE	REQD BITS	LSB	RSLM	SDI/ EXT	ZERO CNT		
SOURCE POS SOURCE			SC FACT	SIG	UNITS	OFFSET	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: 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									
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: 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									
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: 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	FIL TER	CUTOFF		DSPL CODE
								RATE		HI	LO	
MNEMONIC			BUS NAME	DATA LABEL	REQD TYPE	REQD BITS	LSB	RSLM	SDI/ EXT	ZERO CNT		
SOURCE POS SOURCE			SC FACT	SIG	UNITS	OFFSET	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: 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									
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: 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									
6170271 2.17	S/T CEN OUTLT 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: 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	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: RLP 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						
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 FORWARD-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 TOP AND BOTTOM SURFACE, CENTERED IN BAY LOCATED BETWEEN SPANWISE BEAMS 2 AND MIDSPAR. 6TH T/C IN FORWARD-MOST TREE OF 11.	HS -60	250	DEG F	2.000	1					-1 1
COMMENT: EVG 747-100 (THA 888 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	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 BETWEEN SPANWISE BEAMS 2 AND 3).	HS -60	250	DEG F	2.000	1					-1 1
COMMENT: CENTER THERMOCOUPLE LONGITUDINALLY BETWEEN 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 TOP AND BOTTOM OF SURFACES AND FOUR INCHES FROM LEFT SIDE OF BODY STRINGER IN FORWARD BAY (LOCATED BETWEEN SPANWISE BEAMS 2 AND 3).	HS -60	250	DEG F	2.000	1					-1 1
COMMENT: CENTER THERMOCOUPLE LONGITUDINALLY BETWEEN 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 SIDE OF BODY STRINGER IN FORWARD BAY (LOCATED BETWEEN SPANWISE BEAMS 2 AND 3).	HS -60	250	DEG F	2.000	1					-1 1
COMMENT: CENTER THERMOCOUPLE LONGITUDINALLY BETWEEN 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	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				
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						RLP 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								
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						RLP 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								
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						RLP 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	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				
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						RLP 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								
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						RLP 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								
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						RLP 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	FIL TER	CUTOFF	PWR	DSPL
								RATE		FREQ HI---LO		
MNEMONIC												
SOURCE POS SOURCE			BUS NAME	DATA LABEL	REQD TYPE	RECD BITS	LSB	RSLN	SDI/ EXT	ZERO	CNT	
MEAS ID			SC FACT	SIG	UNITS	OFFSET	SPCL HDLG	BUS RATE	# OF BITS	INTRPL VALID	DELAY	
			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 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	
												RLP 07/12/97
												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
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 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	
												RLP 07/12/97
												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
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 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	
												RLP 07/12/97
												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 TER	CUTOFF	PWR	DSPL
								RATE		FREQ HI---LO		
MNEMONIC												
SOURCE POS SOURCE			BUS NAME	DATA LABEL	REQD TYPE	RECD BITS	LSB	RSLN	SDI/ EXT	ZERO	CNT	
MEAS ID			SC FACT	SIG	UNITS	OFFSET	SPCL HDLG	BUS RATE	# OF BITS	INTRPL VALID	DELAY	
			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 SPANWISE BEAM 1.  COMMENT:	HS	-60	250	DEG F	2.000		1			-1 1
						TEMP		BODY			Y EP	
												RLP 07/12/97
												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
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 SPANWISE BEAM 1.  COMMENT:	HS	-60	250	DEG F	2.000		1			-1 1
						TEMP		BODY			Y EP	
												RLP 07/12/97
												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
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 SPANWISE BEAM 1.  COMMENT:	HS	-60	250	DEG F	2.000		1			-1 1
						TEMP		BODY			Y EP	
												RLP 07/12/97
												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 HD	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			
6170294 2.17	A/T #1 RIGHT MID BAY	DESCRIPTION: TEMPERATURE, AMBIENT #1. CENTERED, 3 INCHES FROM BOTTOM SURFACE, IN RIGHT BAY LOCA TED 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: 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 LOC ATED 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: 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. 3INCHES 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: DELE BY: APPVD BY: APPROVAL CMT: 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 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			
6170297 2.17	A/T #1 LEFT AFT BAY	DESCRIPTION: TEMPERATURE, AMBIENT #1. 3 INCHES FROM BOTTOM SURFACE, CENTERED IN LEFT BAY LOCATE 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: 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 LOC 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: 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: DELE BY: APPVD BY: APPROVAL CMT: CNFLT: TIRL TM/CALMS: AP TM/CALMS: N									

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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	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:		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				
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:		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				
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:		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				

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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	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			
6170509 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:		ADDED BY: DJP 06/20/97		APPVD BY:		DJP 07/03/97 RLP 07/12/97
			DELE BY:		APPVD BY:		APPROVAL CMT:				
			CNFLT:		TIRL TH/CALMS:		AP TH/CALMS: N				
6170510 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:		ADDED BY: DJP 06/20/97		APPVD BY:		DJP 07/03/97 RLP 07/12/97
			DELE BY:		APPVD BY:		APPROVAL CMT:				
			CNFLT:		TIRL TH/CALMS:		AP TH/CALMS: N				
6170511 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:		ADDED BY: DJP 06/20/97		APPVD BY:		DJP 07/03/97 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	PMR 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		
6170312 2.17	A/T VENT #4	DESCRIPTION: TEMPERATURE, AMBIENT. IN CENTER OF HS -60 VENT INLET #4.		120		DEG F		1			0 0
						TEMP	BODY			Y EP	
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 HS -60 WELL NEAR SCAVENGE PUMP, 1 FOOT ABOVE KEEL BEAM		120		DEG F		1			0 0
						TEMP	BODY			Y EP	
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								
6170314 2.17	A/T RT WING TANK VENT	DESCRIPTION: TEMPERATURE, AMBIENT. CENTERED IN HS -60 FLOW OF VENT COMING INTO RIGHT WING VENT SURGE T ANK.		120		DEG F		1			0 0
						TEMP	BODY			Y EP	
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	FREQ/ SAMPL RATE	FIL TER	CUTOFF FREQ HI---LO	PMR 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		
6170315 2.17	A/T RT VNT CLCTOR CAN	DESCRIPTION: TEMPERATURE, AMBIENT. IN THE RIGHT HS -60 COLLECTOR CAN, WHERE THE VENTING FROM ALL TANKS IS COMBINED TO PASS OVERBOARD.		120		DEG F		1			0 0
						TEMP	BODY			Y EP	
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								
6170316 2.17	A/T LEFT WING VENT	DESCRIPTION: TEMPERATURE, AMBIENT. CENTERED IN HS -60 THE VENT FLOW COMING INTO THE LEFT WING VENT SUR GE TANK.		120		DEG F		1			0 0
						TEMP	BODY			Y EP	
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								
6170317 2.17	A/T LT VNT CLCTOR CAN	DESCRIPTION: TEMPERATURE, AMBIENT. IN THE LEFT HS -60 COLLECTOR CAN, WHERE THE VENTING FROM ALL TANKS IS COMBINED TO PASS OVERBOARD.		120		DEG F		1			0 0
						TEMP	BODY			Y EP	
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								

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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	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			
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
						TEMP	BODY				Y EP	
COMMENT:			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:			AP TM/CALMS: N						
			CNFLT:									
			TIRL TM/CALMS:									
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
						TEMP	BODY				Y EP	
COMMENT:			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:			AP TM/CALMS: N						
			CNFLT:									
			TIRL TM/CALMS:									
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
						TEMP	BODY				Y EP	
COMMENT:			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:			AP TM/CALMS: N						
			CNFLT:									
			TIRL TM/CALMS:									

TEST ITEM REQUIREMENTS LIST

07/17/97 0904  
PAGE NO 54

TEST ITEM CODE: 82.23.0039

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	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			
6170321 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
						TEMP	BODY				Y EP	
COMMENT:			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:			AP TM/CALMS: N						
			CNFLT:									
			TIRL TM/CALMS:									
6170322 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
						TEMP	BODY				Y EP	
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:			RPL 07/12/97			
			DELE BY:			APPVD BY:						
			APPROVAL CMT:			AP TM/CALMS: N						
			CNFLT:									
			TIRL TM/CALMS:									
6170323 2.17	A/T #2 BAY #2	DESCRIPTION: TEMPERATURE, AMBIENT #2. 1 INCH B ELOW T/C 6170322, CENTERED IN BAY LOCATED BETWE EN SPANWISE BEAMS 2 AND 3. 2ND T/C IN FORWARD-MO ST TREE OF 11.	HS	-60	250	DEG F			1			0 0
						TEMP	BODY				Y EP	
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:			RPL 07/12/97			
			DELE BY:			APPVD BY:						
			APPROVAL CMT:			AP TM/CALMS: N						
			CNFLT:									
			TIRL TM/CALMS:									

MEAS NO SECT NO	DATA TITLE	MEASUREMENT DESCRIPTION COMMENTS	RC MD	MIN VALUE	MAX VALUE	UNITS	ACC	FREQ/	CUTOFF	FIL TER	PWR HI---LO	DSPL 10	CODE
								SAMPL RATE	FREQ HI---LO				
MNEMONIC		BUS NAME	DATA LABEL	REQD BITS	LSB	RSLN	SDI/ EXT	ZERO	CNT	INTRPL			
SOURCE POS	SOURCE									SC FACT	SIG	UNITS	OFFSET
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 SPANNISE 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
		ORIGINATOR: DJP 06/19/97	AP TH/CALMS: N						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:											
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 SPANNISE 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
		ORIGINATOR: DJP 06/19/97	AP TH/CALMS: N						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:											
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 SPANNISE BEAMS 2 AND 3. 5TH 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
		ORIGINATOR: DJP 06/19/97	AP TH/CALMS: N						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:											

MEAS NO SECT NO	DATA TITLE	MEASUREMENT DESCRIPTION COMMENTS	RC MD	MIN VALUE	MAX VALUE	UNITS	ACC	FREQ/	CUTOFF	FIL TER	PWR HI---LO	DSPL 10	CODE
								SAMPL RATE	FREQ HI---LO				
MNEMONIC		BUS NAME	DATA LABEL	REQD BITS	LSB	RSLN	SDI/ EXT	ZERO	CNT	INTRPL			
SOURCE POS	SOURCE									SC FACT	SIG	UNITS	OFFSET
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 SPANNISE 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
		ORIGINATOR: DJP 06/19/97	AP TH/CALMS: N						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:											
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 SPANNISE 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
		ORIGINATOR: DJP 06/19/97	AP TH/CALMS: N						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:											
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 SPANNISE 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
		ORIGINATOR: DJP 06/19/97	AP TH/CALMS: N						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:											

MEAS NO SECT NO	DATA TITLE	MEASUREMENT DESCRIPTION COMMENTS	RC MD	MIN VALUE	MAX VALUE	UNITS	ACC	FREQ/ SAMPL	FIL TER	CUTOFF		DSPL CODE
								RATE		HI	LO	
NMEMONIC			BUS NAME	DATA LABEL	REQD TYPE	LSB	RSLM	SDI/ EXT	ZERO CNT			
SOURCE POS SOURCE			SC FACT	SIG	UNITS	OFFSET	HDLG	RATE	# OF BITS	INTRPL VALID	DELAY	
MEAS ID			WORD POS	NO OF WORDS	TYPE	LOCATION	RESP	GRP				
6170530 2.17	A/T #10 BAY #2	DESCRIPTION: TEMPERATURE, AMBIENT #10. 1 INCH BELOW T/C 6170529, CENTERED IN BAY LOCATED BETH EEN SPANNISE BEAM 2 AND 3. 10TH T/C IN FORWARD-H OST TREE OF 11.  COMMENT: EVG 747-100 (NTSB INVESTIGATION OF THA 600).	HS -60	250	DEG F			1			0 0	
			TEMP	BODY	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								
6170531 2.17	A/T #11 BAY #2	DESCRIPTION: TEMPERATURE, AMBIENT #11. 1 INCH FROM BOTTOM SURFACE, CENTERED IN BAY LOCATED BET WEEN SPANNISE BEAM 2 AND 5. BOTTOM T/C IN FORWAR D-MOST TREE OF 11.  COMMENT: EVG 747-100 (NTSB INVESTIGATION OF THA 600).	HS -60	250	DEG F			1			0 0	
			TEMP	BODY	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								
6170532 2.17	A/T #1 BAY #3	DESCRIPTION: TEMPERATURE, AMBIENT #1. 1 INCH B ELOW TOP SURFACE, CENTERED IN BAY LOCATED BETH EM SPANNISE BEAM 2 AND MIDSPAR. TOP T/C IN AFT-H OST TREE OF 11.  COMMENT: EVG 747-100 (NTSB INVESTIGATION OF THA 600).	HS -60	250	DEG F			1			0 0	
			TEMP	BODY	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	FIL TER	CUTOFF		DSPL CODE
								RATE		HI	LO	
NMEMONIC			BUS NAME	DATA LABEL	REQD TYPE	LSB	RSLM	SDI/ EXT	ZERO CNT			
SOURCE POS SOURCE			SC FACT	SIG	UNITS	OFFSET	HDLG	RATE	# OF BITS	INTRPL VALID	DELAY	
MEAS ID			WORD POS	NO OF WORDS	TYPE	LOCATION	RESP	GRP				
6170533 2.17	A/T #2 BAY #3	DESCRIPTION: TEMPERATURE, AMBIENT #2. 1 INCH B ELOW T/C 6170532, CENTERED IN BAY LOCATED BETH EM SPANNISE BEAM 2 AND MIDSPAR. 2ND T/C IN AFT-H OST TREE OF 11.  COMMENT: EVG 747-100 (NTSB INVESTIGATION OF THA 600).	HS -60	250	DEG F			1			0 0	
			TEMP	BODY	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								
6170534 2.17	A/T #3 BAY #3	DESCRIPTION: TEMPERATURE, AMBIENT #3. 1 INCH B ELOW T/C 6170533, CENTERED IN BAY LOCATED BETH EM SPANNISE BEAM 2 AND MIDSPAR. 3RD T/C IN AFT- MOST TREE OF 11.  COMMENT: EVG 747-100 (NTSB INVESTIGATION OF THA 600).	HS -60	250	DEG F			1			0 0	
			TEMP	BODY	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								
6170535 2.17	A/T #4 BAY #3	DESCRIPTION: TEMPERATURE, AMBIENT #4. 1 INCH B ELOW T/C 6170534, CENTERED IN BAY LOCATED BETH EM SPANNISE BEAM 2 AND MIDSPAR. 4TH T/C IN AFT-H OST TREE OF 11.  COMMENT: EVG 747-100 (NTSB INVESTIGATION OF THA 600).	HS -60	250	DEG F			1			0 0	
			TEMP	BODY	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	PWR 10	DSPL CODE	MEMORIC		SOURCE		MEAS ID		
													BUS NAME	DATA LABEL	REQD BITS	LSB RSLN		SDI/ EXT	ZERO CNT
WORD POS NO OF WORDS TYPE LOCATION RESP GRP																			
6170334 2.17	A/T #5 BAY #3	DESCRIPTION: TEMPERATURE, AMBIENT #5. 1 INCH BELOW T/C 6170335, CENTERED IN BAY LOCATED BETWEEN SPANNISE 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													
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																			
6170337 2.17	A/T #7 BAY #3	DESCRIPTION: TEMPERATURE, AMBIENT #7. 1 INCH ABOVE T/C 6170338, CENTERED IN BAY LOCATED BETWEEN SPANNISE 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													
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																			
6170338 2.17	A/T #8 BAY #3	DESCRIPTION: TEMPERATURE, AMBIENT #8. 1 INCH ABOVE T/C 6170339, CENTERED IN BAY LOCATED BETWEEN SPANNISE BEAM 2 AND MIDSPAR. 8TH T/C IN AFT-MOST TREE OF 11.  COMMENT:	HS	-60	250	DEG F													
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																			

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	MEMORIC		SOURCE		MEAS ID		
													BUS NAME	DATA LABEL	REQD BITS	LSB RSLN		SDI/ EXT	ZERO CNT
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 6170340, CENTERED IN BAY LOCATED BETWEEN SPANNISE 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													
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																			
6170340 2.17	A/T #10 BAY #3	DESCRIPTION: TEMPERATURE, AMBIENT #10. 1 INCH ABOVE T/C 6170341, CENTERED IN BAY LOCATED BETWEEN SPANNISE 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													
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																			
6170341 2.17	A/T #11 BAY #3	DESCRIPTION: TEMPERATURE, AMBIENT #11. 1 INCH ABOVE BOTTOM SURFACE, CENTERED IN BAY LOCATED BETWEEN SPANNISE 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													
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																			



MEAS NO SECT NO	DATA TITLE	MEASUREMENT DESCRIPTION COMMENTS	RC NO	MIN VALUE	MAX VALUE	UNITS	ACC	FREQ/ SAMPL	FIL TER	CUTOFF		PWR	DSPL
								RATE		FREQ	HI		
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					
6170342 2.17	PRESS FWD BAY	DESCRIPTION: PRESSURE, ABSOLUTE. PRESSURE TRANS DUCER PLACED ON THERMOCOUPLE TREE WITH T/C 61702 73, 6170274, AND 6170275 LOCATED IN FORWARD BAY (BETWEEN SPANNWISE BEAMS 2 AND 3).  COMMENT:	HS 0	20	PSIA				10			0	0
					PRES	BODY				Y EP			
			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 CMT:		CNFLT:				
			TIRL TM/CALMS:		AP TM/CALMS: N								
6170343 2.17	PRESS BTM SHB28MS	DESCRIPTION: PRESSURE, ABSOLUTE. PRESSURE TRANS DUCER PLACED ON THERMOCOUPLE TREE WITH T/C 61702 76, 6170277, AND 6170278 LOCATED IN FORWARD BAY (BETWEEN SPANNWISE BEAM 2 AND MIDSPAR).  COMMENT:	HS 0	20	PSIA				1			0	0
					PRES	BODY				Y EP			
			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 CMT:		CNFLT:				
			TIRL TM/CALMS:		AP TM/CALMS: N								
6170344 2.17	PRESS REAR BAY	DESCRIPTION: PRESSURE, ABSOLUTE. PRESSURE TRANS DUCER PLACED ON THERMOCOUPLE 6170319 LOCATED IN REAR BAY.  COMMENT:	HS 0	20	PSIA				1			0	0
					PRES	BODY				Y EP			
			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 CMT:		CNFLT:				
			TIRL TM/CALMS:		AP TM/CALMS: N								

MEAS NO SECT NO	DATA TITLE	MEASUREMENT DESCRIPTION COMMENTS	RC NO	MIN VALUE	MAX VALUE	UNITS	ACC	FREQ/ SAMPL	FIL TER	CUTOFF		PWR	DSPL
								RATE		FREQ	HI		
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					
6170345 2.17	PRESS LT SURGE TANK	DESCRIPTION: PRESSURE, ABSOLUTE. PRESSURE TRANS DUCER PLACED IN LEFT WING SURGE TANK.  COMMENT:	HS 0	20	PSIA				1			0	0
					PRES	BODY				Y EP			
			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 CMT:		CNFLT:				
			TIRL TM/CALMS:		AP TM/CALMS: N								
6170346 2.17	PRESS RT SURGE TANK	DESCRIPTION: PRESSURE, ABSOLUTE. PRESSURE TRANS DUCER PLACED IN RIGHT WING SURGE TANK.  COMMENT:	HS 0	20	PSIA				1			0	0
					PRES	BODY				Y EP			
			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 CMT:		CNFLT:				
			TIRL TM/CALMS:		AP TM/CALMS: N								
6170347 2.17	ACCEL LONG AXIS	DESCRIPTION: ACCELEROMETER PLACED IN REAR BAY, CENTERED ACROSS SPANNWISE BEAM #1 AND CENTERED BE TWEEN KEEL AND #2 ?BL (EQUIDISTANT BETWEEN FLOOR STRINGERS). SHOU LD BE PARALLEL TO LONGITUDINAL AXIS OF AIRPLANE. COMMENT: ACCELEROMETER ON EVG 747-100 FOR TWA 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		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	FIL TER	CUTOFF	PWR	DSPL	
								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					
6170346 2.17	ACCEL LAT AXIS	DESCRIPTION: ACCELEROMETER PLACED IN REAR BAY C ENTERED ACROSS SPANWISE BEAM #1 AND CENTERED BETWEEN KEEL BEAM AND 62 BL (EQUIDISTANT BETWEEN FLOOR STRINGERS). SHOULD BE PARALLEL TO LATERAL (OR PITCH) AXIS OF AIRPLANE. COMMENT: ACCELEROMETER ON EVG 747-100 FOR TWA 800 INVESTIGATION.	HS	-30	30	G	1.000	000				-1	1
			ACCL			BODY				Y	EP		
			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 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 BETWEEN KEEL BEAM AND 62 BL (EQUIDISTANT BETWEEN FLOOR STRINGERS). SHOULD BE PARALLEL TO YAW (VERTICAL) AXIS OF AIRPLANE. COMMENT: ACCELEROMETER ON EVG 747-100 FOR TWA 800 INVESTIGATION.	HS	-30	30	G	1.000	000				-1	1
			ACCL			BODY				Y	EP		
			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 CMT:										
			CNFLT:										
			TIRL TM/CALMS:			AP TM/CALMS: N							
6170351 2.17	FQIS SYS VOLTAGE	DESCRIPTION: FUEL QUANTITY INDICATION SYSTEM VOLTAGE. PICK UP AT PIN #2 (WIRE W400-Q325-20R) ON N CONNECTOR D1663J BEHIND FLIGHT ENGINEER'S PANEL. COMMENT: EVG 747-100 (TWA800 INVESTIGATION).	HS	-250	250	VAC	.5000	3200				-2	2
			ELEC			BODY				Y	EP		
			ORIGINATOR: DJP 06/23/97			LAST REVISION: DJP 06/27/97							
			ADDED BY: DJP 06/23/97			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	MIN VALUE	MAX VALUE	UNITS	ACC	FREQ/ SAMPL	FIL TER	CUTOFF	PWR	DSPL	
								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					
6170352 2.17	FQIS SYS CURRENT	DESCRIPTION: FUEL QUANTITY INDICATION SYSTEM CURRENT. PICK UP AT PIN #2 (WIRE W400-Q325-20R) ON CONNECTOR D1663J BEHIND FLIGHT ENGINEER'S INSTRUMENT PANEL. COMMENT: EVG 747-100 (TWA800 INVESTIGATION).	HS	0	5	AAC	.5000	3200				-2	2
			ELEC			BODY				Y	EP		
			ORIGINATOR: DJP 06/23/97			LAST REVISION: DJP 06/27/97							
			ADDED BY: DJP 06/23/97			APPVD BY: RLP 07/12/97							
			DELE BY:			APPVD BY:							
			APPROVAL CMT:										
			CNFLT:										
			TIRL TM/CALMS:			AP TM/CALMS: N							
6170354 2.17	S/T #1 LBL58 EXT CMT BITM	DESCRIPTION: SURFACE TEMPERATURE #1. ON EXTERNAL CMT BOTTOM ALONG LBL 58 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: RLP 07/12/97							
			ADDED BY: DJP 06/24/97			APPVD BY:							
			DELE BY:			APPVD BY:							
			APPROVAL CMT:										
			CNFLT:										
			TIRL TM/CALMS:			AP TM/CALMS: N							
6170355 2.17	S/T #2 LBL58 EXT CMT BITM	DESCRIPTION: TEMPERATURE, SURFACE #2. ON EXTERNAL CMT BOTTOM ALONG LBL 58 IN FORWARD BAY BETWEEN 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: RLP 07/12/97							
			ADDED BY: DJP 06/24/97			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	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 BTM	DESCRIPTION: TEMPERATURE, SURFACE #3. ON EXTERN AL CMT BOTTOM ALONG LBL 50 IN FORWARD BAY BETWEEN N SWB #3 AND SWB #2.	HS	-60	250	DEG F	2.000	1				-1 1
MNEMONIC			BUS	DATA	REQD	REQU	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			
						TEMP	BODY				Y EP	
COMMENT: EVG 747-100 (TWA INVESTIGATION).			ORIGINATOR: DJP 06/23/97	LAST REVISION: DJP 07/12/97								
			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								
6170357 2.17	S/T #4 LBL50 EXT CMT BTM	DESCRIPTION: TEMPERATURE, SURFACE #4. ON EXTERN AL CMT BOTTOM ALONG LBL 50 IN FORWARD BAY BETWEEN N SWB #3 AND SWB #2.	HS	-60	250	DEG F	2.000	1				-1 1
MNEMONIC			BUS	DATA	REQD	REQU	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			
						TEMP	BODY				Y EP	
COMMENT: EVG 747-100 (TWA INVESTIGATION).			ORIGINATOR: DJP 06/23/97	LAST REVISION: DJP 07/12/97								
			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								
6170358 2.17	S/T #5 LBL50 EXT CMT BTM	DESCRIPTION: TEMPERATURE, SURFACE #5. ON EXTERN AL CMT BOTTOM ALONG LBL 50 IN MID BAY BETWEEN SW B #2 AND MID SPAR.	HS	-60	250	DEG F	2.000	1				-1 1
MNEMONIC			BUS	DATA	REQD	REQU	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			
						TEMP	BODY				Y EP	
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								

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			
6170359 2.17	S/T #6 LBL50 EXT CMT BTM	DESCRIPTION: TEMPERATURE, SURFACE #6. ON EXTERN AL CMT BOTTOM ALONG LBL 50 IN MID BAY BETWEEN SW B #2 AND MID SPAR. AFT OF T/C 6170350.	HS	-60	250	DEG F	2.000	1				-1 1
MNEMONIC			BUS	DATA	REQD	REQU	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			
						TEMP	BODY				Y EP	
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								
6170360 2.17	S/T #7 LBL50 EXT CMT BTM	DESCRIPTION: TEMPERATURE, SURFACE #7. ON EXTERN AL CMT BOTTOM ALONG LBL 50 IN REAR BAY BETWEEN MID SPAR AND SWB #1.	HS	-60	250	DEG F	2.000	1				-1 1
MNEMONIC			BUS	DATA	REQD	REQU	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			
						TEMP	BODY				Y EP	
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								
6170361 2.17	S/T #8 LBL50 EXT CMT BTM	DESCRIPTION: TEMPERATURE, SURFACE #8. ON EXTERN AL CMT BOTTOM ALONG LBL 50 IN REAR BAY BETWEEN MID SPAR AND SWB #1. AFT OF T/C 6170360.	HS	-60	250	DEG F	2.000	1				-1 1
MNEMONIC			BUS	DATA	REQD	REQU	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			
						TEMP	BODY				Y EP	
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								

MEAS NO SECT NO	DATA TITLE	MEASUREMENT COMMENTS	RC HD	MIN VALUE	MAX VALUE	UNITS	ACC	FREQ/ SAMPL	FIL TER	CUTOFF		DSPL CODE
								RATE		FREQ	PMR	
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 #9 EXT CNT BTM	DESCRIPTION: TEMPERATURE, SURFACE #9. ON EXTERN HS -60 250 DEG F 2.000 1 -1 1 AL CNT BOTTOM ALONG LBL 50 IN REAR BAY BETWEEN S WB #1 AND REAR SPAR.										
COMMENT: EVG 747-100 (TWA INVESTIGATION).			ORIGINATOR: DJP 06/23/97			LAST REVISION: DJP 06/23/97			RPL 07/12/97			
			ADDED BY: DJP 06/24/97			APPVD BY:			RPL 07/12/97			
			DELE BY:			APPVD BY:						
			APPROVAL CMT:									
			CNFLT:									
			TIRL TH/CALMS:			AP TH/CALMS: N						
6170363 2.17	S/T#10 EXT CNT BTM	DESCRIPTION: TEMPERATURE, SURFACE #10. ON EXTER HS -60 250 DEG F 2.000 1 -1 1 NAL CNT BOTTOM ALONG LBL 50 IN REAR BAY BETWEEN SWB #1 AND REAR SPAR. AFT OF 6170362.										
COMMENT: EVG 747-100 (TWA INVESTIGATION).			ORIGINATOR: DJP 06/23/97			LAST REVISION: DJP 07/02/97			RPL 07/12/97			
			ADDED BY: DJP 06/24/97			APPVD BY:			RPL 07/12/97			
			DELE BY:			APPVD BY:						
			APPROVAL CMT:									
			CNFLT:									
			TIRL TH/CALMS:			AP TH/CALMS: N						
6170364 2.17	S/T#1 EXT CNT BTM	DESCRIPTION: TEMPERATURE, SURFACE #1. ON EXTERN HS -60 250 DEG F 2.000 1 -1 1 AL CNT BOTTOM ALONG RBL 50 IN FORWARD BAY BETWEE N FRONT SPAR AND SWB #3.										
COMMENT: EVG 747-100 (TWA INVESTIGATION).			ORIGINATOR: DJP 06/23/97			LAST REVISION: DJP 06/23/97			RPL 07/12/97			
			ADDED BY: DJP 06/24/97			APPVD BY:			RPL 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 HD	MIN VALUE	MAX VALUE	UNITS	ACC	FREQ/ SAMPL	FIL TER	CUTOFF		DSPL CODE
								RATE		FREQ	PMR	
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/T#2 EXT CNT BTM	DESCRIPTION: TEMPERATURE, SURFACE #2. ON EXTERN HS -60 250 DEG F 2.000 1 -1 1 AL CNT BOTTOM ALONG RBL 50 IN FORWARD BAY BETWEE N FRONT SPAR AND SWB #3. AFT OF 6170364.										
COMMENT: EVG 747-100 (TWA INVESTIGATION).			ORIGINATOR: DJP 06/23/97			LAST REVISION: DJP 07/02/97			RPL 07/12/97			
			ADDED BY: DJP 06/24/97			APPVD BY:			RPL 07/12/97			
			DELE BY:			APPVD BY:						
			APPROVAL CMT:									
			CNFLT:									
			TIRL TH/CALMS:			AP TH/CALMS: N						
6170366 2.17	S/T#3 EXT CNT BTM	DESCRIPTION: TEMPERATURE, SURFACE #3. ON EXTERN HS -60 250 DEG F 2.000 1 -1 1 AL CNT BOTTOM ALONG RBL 50 IN FORWARD BAY BETWEE N SWB #3 AND SWB #2.										
COMMENT: EVG 747-100 (TWA INVESTIGATION).			ORIGINATOR: DJP 06/23/97			LAST REVISION: DJP 07/02/97			RPL 07/12/97			
			ADDED BY: DJP 06/24/97			APPVD BY:			RPL 07/12/97			
			DELE BY:			APPVD BY:						
			APPROVAL CMT:									
			CNFLT:									
			TIRL TH/CALMS:			AP TH/CALMS: N						
6170367 2.17	S/T#4 EXT CNT BTM	DESCRIPTION: TEMPERATURE, SURFACE #4. ON EXTERN HS -60 250 DEG F 2.000 1 -1 1 AL CNT BOTTOM ALONG RBL 50 IN FORWARD BAY BETWEE N SWB #3 AND SWB #2. AFT OF 6170366.										
COMMENT: EVG 747-100 (TWA INVESTIGATION).			ORIGINATOR: DJP 06/23/97			LAST REVISION: DJP 07/02/97			RPL 07/12/97			
			ADDED BY: DJP 06/24/97			APPVD BY:			RPL 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 HD	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				
6170360 2.17	S/T#5 RBL50 EXT CNT BTM	DESCRIPTION: TEMPERATURE, SURFACE #5. ON EXTERN HS -60 250 DEG F 2.000 1 -1 1 AL CNT BOTTOM ALONG RBL 50 IN MID BAY BETWEEN SW B #2 AND MID SPAR.											
COMMENT: EVG 747-100 (TWA INVESTIGATION).				ORIGINATOR: DJP 06/23/97		LAST REVISION: DJP 07/02/97						RPL 07/12/97	
				ADDED BY: DJP 06/24/97		APPVD BY:							
				DELE BY:		APPVD BY:							
				APPROVAL CMT:									
				CNFLT:									
				TIRL TM/CALMS:		AP TM/CALMS: N							
6170369 2.17	S/T#6 RBL50 EXT CNT BTM	DESCRIPTION: TEMPERATURE, SURFACE #6. ON EXTERN HS -60 250 DEG F 2.000 1 -1 1 AL CNT BOTTOM ALONG RBL 50 IN MID BAY BETWEEN SW B #2 AND MID SPAR. AFT OF 6170360.											
COMMENT: EVG 747-100 (TWA INVESTIGATION).				ORIGINATOR: DJP 06/23/97		LAST REVISION: DJP 07/02/97						RPL 07/12/97	
				ADDED BY: DJP 06/24/97		APPVD BY:							
				DELE BY:		APPVD BY:							
				APPROVAL CMT:									
				CNFLT:									
				TIRL TM/CALMS:		AP TM/CALMS: N							
6170370 2.17	S/T#7 RBL50 EXT CNT BTM	DESCRIPTION: TEMPERATURE, SURFACE #7. ON EXTERN HS -60 250 DEG F 2.000 1 -1 1 AL CNT BOTTOM ALONG RBL 50 IN REAR BAY BETWEEN M ID SPAR SWB #1.											
COMMENT: EVG 747-100 (TWA INVESTIGATION).				ORIGINATOR: DJP 06/23/97		LAST REVISION: DJP 07/02/97						RPL 07/12/97	
				ADDED BY: DJP 06/24/97		APPVD BY:							
				DELE BY:		APPVD BY:							
				APPROVAL CMT:									
				CNFLT:									
				TIRL TM/CALMS:		AP TM/CALMS: N							

MEAS NO SECT NO	DATA TITLE	MEASUREMENT COMMENTS	DESCRIPTION	RC HD	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				
6170371 2.17	S/T#8 RBL50 EXT CNT BTM	DESCRIPTION: TEMPERATURE, SURFACE #8. ON EXTERN HS -60 250 DEG F 2.000 1 -1 1 AL CNT BOTTOM ALONG RBL 50 IN REAR BAY BETWEEN M ID SPAR SWB #1. AFT OF 6170370.											
COMMENT: EVG 747-100 (TWA INVESTIGATION).				ORIGINATOR: DJP 06/23/97		LAST REVISION: DJP 07/02/97						RPL 07/12/97	
				ADDED BY: DJP 06/24/97		APPVD BY:							
				DELE BY:		APPVD BY:							
				APPROVAL CMT:									
				CNFLT:									
				TIRL TM/CALMS:		AP TM/CALMS: N							
6170372 2.17	S/T#9 RBL50 EXT CNT BTM	DESCRIPTION: TEMPERATURE, SURFACE #9. ON EXTERN HS -60 250 DEG F 2.000 1 -1 1 AL CNT BOTTOM ALONG RBL 50 IN REAR BAY BETWEEN S WB #1 AND REAR SPAR.											
COMMENT: EVG 747-100 (TWA INVESTIGATION).				ORIGINATOR: DJP 06/23/97		LAST REVISION: DJP 07/02/97						RPL 07/12/97	
				ADDED BY: DJP 06/24/97		APPVD BY:							
				DELE BY:		APPVD BY:							
				APPROVAL CMT:									
				CNFLT:									
				TIRL TM/CALMS:		AP TM/CALMS: N							
6170373 2.17	S/T#10RBL50 EXT CNT BTM	DESCRIPTION: TEMPERATURE, SURFACE #10. ON EXTER HS -60 250 DEG F 2.000 1 -1 1 NAL CNT BOTTOM ALONG RBL 50 IN REAR BAY BETWEEN SWB #1 AND REAR SPAR. AFT OF T/C 6170372.											
COMMENT: EVG 747-100 (TWA INVESTIGATION).				ORIGINATOR: DJP 06/23/97		LAST REVISION: DJP 07/02/97						RPL 07/12/97	
				ADDED BY: DJP 06/24/97		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	CUTOFF	DSPL	
								RATE	FREQ HI---LO		PWR 10
MNEMONIC		BUS NAME	DATA LABEL	REQD TYPE	RECD BITS	LSB	RSLN	SDI/ EXT	ZERO	INTRPL DELAY	
SOURCE POS SOURCE								SPCL HDLG	BUS RATE		# OF BITS
MEAS ID		SC FACT	SIG	UNITS	OFFSET	TYPE	LOCATION	RESP	GRP		
6170376 0.03	PITCH INS	DESCRIPTION: PITCH ATTITUDE FROM INS. SHELF E2-6, B110 INS #2, CONNECTOR D1106J, PINS -17(X) -16(Y) -18(Z). FOR EXCITATION VOLTAGE TO POWER DAT A CARD, USE CONNECTOR D1106J PIN 5; AND FOR GROU ND 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 TM/CALMS: AP TM/CALMS: N	
6170375 0.03	ROLL ATTITUD 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 POWE R, USE CONNECTOR D1106J PIN 3; AND FOR GROUND US E 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 TM/CALMS: AP TM/CALMS: N	
6170376 2.17	A/T #1 LBL50 EXT CNT BTM	DESCRIPTION: TEMPERATURE, AMBIENT #1. ON LBL 50 BETWEEN FRONT SPAR AND SMB #3, DIRECTLY BELOW T /C 6170354, 4 INCHES BELOW CNT BOTTOM. COMMENT: EVG 747-100 (TMA 800 INVESTIGATION).	HS	-60	250	DEG F	2.000	1			-1 1
							TEMP	BODY		Y EP	
										ORIGINATOR: DJP 06/24/97 LAST REVISION: ADDED BY: DJP 06/24/97 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	CUTOFF	DSPL	
								RATE	FREQ HI---LO		PWR 10
MNEMONIC		BUS NAME	DATA LABEL	REQD TYPE	RECD BITS	LSB	RSLN	SDI/ EXT	ZERO	INTRPL DELAY	
SOURCE POS SOURCE								SPCL HDLG	BUS RATE		# OF BITS
MEAS ID		SC FACT	SIG	UNITS	OFFSET	TYPE	LOCATION	RESP	GRP		
6170377 2.17	A/T #2 LBL50 EXT CNT BTM	DESCRIPTION: TEMPERATURE, AMBIENT #2. ON LBL 50 BETWEEN SMB #3 AND SMB #2, DIRECTLY BELOW T/C 6170356, 4 INCHES BELOW CNT BOTTOM. COMMENT: EVG 747-100 (TMA 800 INVESTIGATION).	HS	-60	250	DEG F	2.000	1			-1 1
							TEMP	BODY		Y EP	
										ORIGINATOR: DJP 06/24/97 LAST REVISION: ADDED BY: DJP 06/24/97 APPVD BY: RLP 07/12/97 DELE BY: APPVD BY: APPROVAL CMT: CNFLT: TIRL TM/CALMS: AP TM/CALMS: N	
6170378 2.17	A/T #3 LBL50 EXT CNT BTM	DESCRIPTION: TEMPERATURE, AMBIENT #3. ON LBL 50 BETWEEN SMB #2 AND MID SPAR, DIRECTLY BELOW T/C 6170358, 4 INCHES BELOW CNT BOTTOM. COMMENT: EVG 747-100 (TMA 800 INVESTIGATION).	HS	-60	250	DEG F	2.000	1			-1 1
							TEMP	BODY		Y EP	
										ORIGINATOR: DJP 06/24/97 LAST REVISION: DJP 06/24/97 ADDED BY: DJP 06/24/97 APPVD BY: RLP 07/12/97 DELE BY: APPVD BY: APPROVAL CMT: CNFLT: TIRL TM/CALMS: AP TM/CALMS: N	
6170379 2.17	A/T #4 LBL50 EXT CNT BTM	DESCRIPTION: TEMPERATURE, AMBIENT #4. ON LBL 50 BETWEEN MID SPAR AND SMB #1, DIRECTLY BELOW T/C 6170360, 4 INCHES BELOW CNT BOTTOM. COMMENT: EVG 747-100 (TMA 800 INVESTIGATION).	HS	-60	250	DEG F	2.000	1			-1 1
							TEMP	BODY		Y EP	
										ORIGINATOR: DJP 06/24/97 LAST REVISION: ADDED BY: DJP 06/24/97 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 BITS	LSB	RSLM	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 SMB #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:		ADDED BY: DJP 06/24/97		APPVD BY:		RPL 07/12/97	
			DELE BY:		APPVD BY:		APPROVAL CMT:		CNFLT:		TIRL TH/CALMS: N	
6170301 2.17	A/T #1 RBL50 EXT CNT BTTM	DESCRIPTION: TEMPERATURE, AMBIENT #1. ON RBL 50 BETWEEN FRONT SPAR AND SMB#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:		ADDED BY: DJP 06/24/97		APPVD BY:		RPL 07/12/97	
			DELE BY:		APPVD BY:		APPROVAL CMT:		CNFLT:		TIRL TH/CALMS: N	
6170302 2.17	A/T #2 RBL50 EXT CNT BTTM	DESCRIPTION: TEMPERATURE, AMBIENT #2. ON RBL 50 BETWEEN SMB #3 AND SMB #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:		ADDED BY: DJP 06/24/97		APPVD BY:		RPL 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 BITS	LSB	RSLM	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 SMB #2 AND MID SPAR, DIRECTLY BELOW T/C 6170366, 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:		ADDED BY: DJP 06/24/97		APPVD BY:		RPL 07/12/97	
			DELE BY:		APPVD BY:		APPROVAL CMT:		CNFLT:		TIRL TH/CALMS: N	
6170304 2.17	A/T #4 RBL50 EXT CNT BTTM	DESCRIPTION: TEMPERATURE, AMBIENT #4. ON RBL 50 BETWEEN MID SPAR AND SMB #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:		ADDED BY: DJP 06/24/97		APPVD BY:		RPL 07/12/97	
			DELE BY:		APPVD BY:		APPROVAL CMT:		CNFLT:		TIRL TH/CALMS: N	
6170305 2.17	A/T #5 RBL50 EXT CNT BTTM	DESCRIPTION: TEMPERATURE, AMBIENT #5. ON RBL 50 BETWEEN SMB #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:		ADDED BY: DJP 06/24/97		APPVD BY:		RPL 07/12/97	
			DELE BY:		APPVD BY:		APPROVAL CMT:		CNFLT:		TIRL TH/CALMS: N	

TEST ITEM CODE: B2.23.0039

TEST ITEM REQUIREMENTS LIST

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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	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			
6170386 2.17	A/T #1 TANKS VENT	DESCRIPTION: TEMPERATURE, AMBIENT #1. AT THE SURGE TANK END OF THE MAIN TANK #3 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:	APPROVAL CMT:		CNFLT:		TIRL TH/CALMS:		AP TH/CALMS: N		
6170387 2.17	A/T #2 TANKS VENT	DESCRIPTION: TEMPERATURE, AMBIENT #2. AT THE SURGE TANK END OF THE MAIN TANK #3 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:	APPROVAL CMT:		CNFLT:		TIRL TH/CALMS:		AP 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:	APPROVAL CMT:		CNFLT:		TIRL TH/CALMS:		AP TH/CALMS: N		

TEST ITEM CODE: B2.23.0039

TEST ITEM REQUIREMENTS LIST

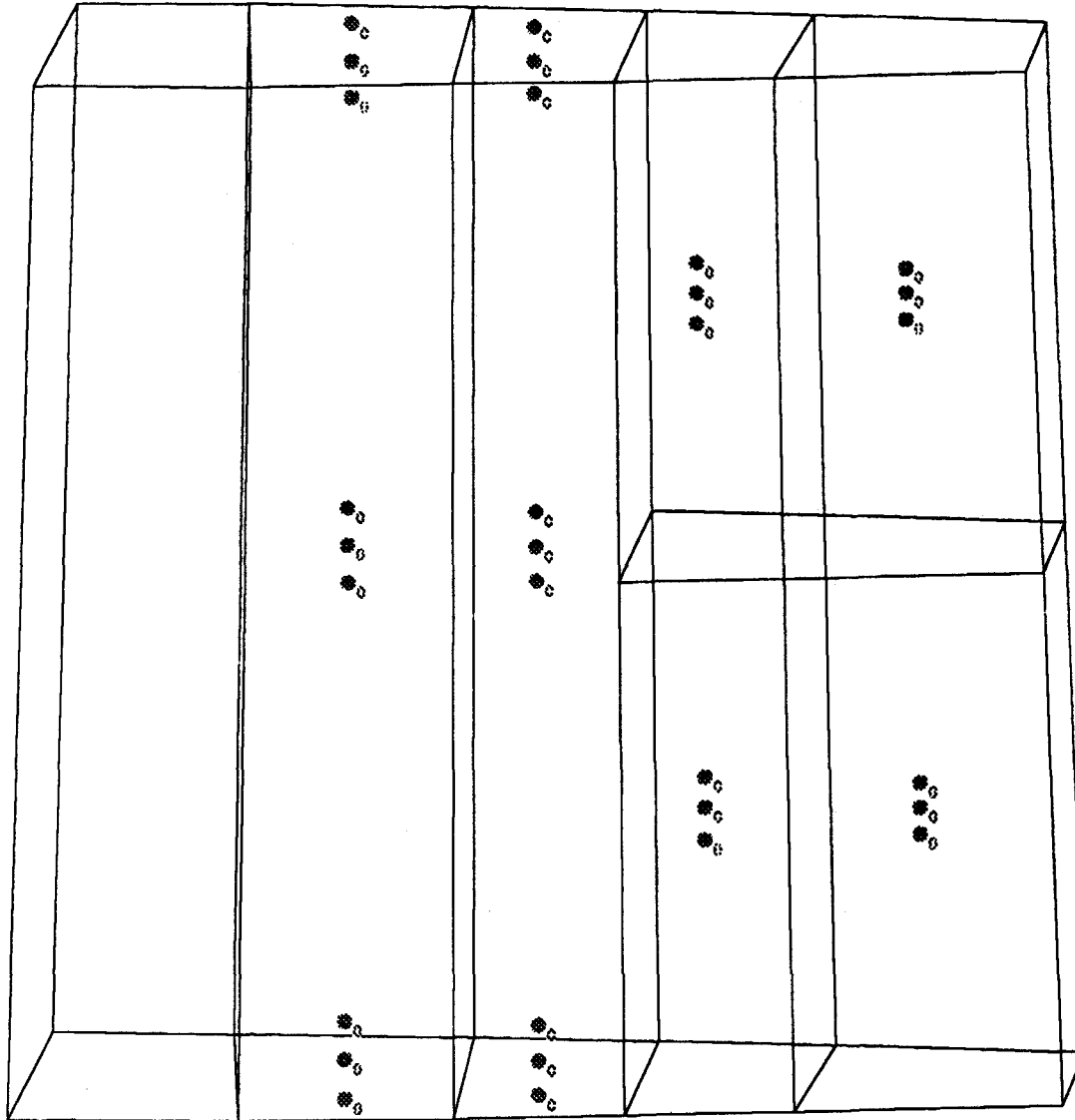
07/17/97 0904  
PAGE NO 76

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	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			
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:	APPROVAL CMT:		CNFLT:		TIRL TH/CALMS:		AP TH/CALMS: N		
6170390 2.17	A/T #2 SURGE OVRBD 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:	APPROVAL CMT:		CNFLT:		TIRL TH/CALMS:		AP 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:	APPROVAL CMT:		CNFLT:		TIRL TH/CALMS:		AP TH/CALMS: N		





# TWA800 Flight Test Center Wing Tank Ullage Air Temperature Measurement Locations



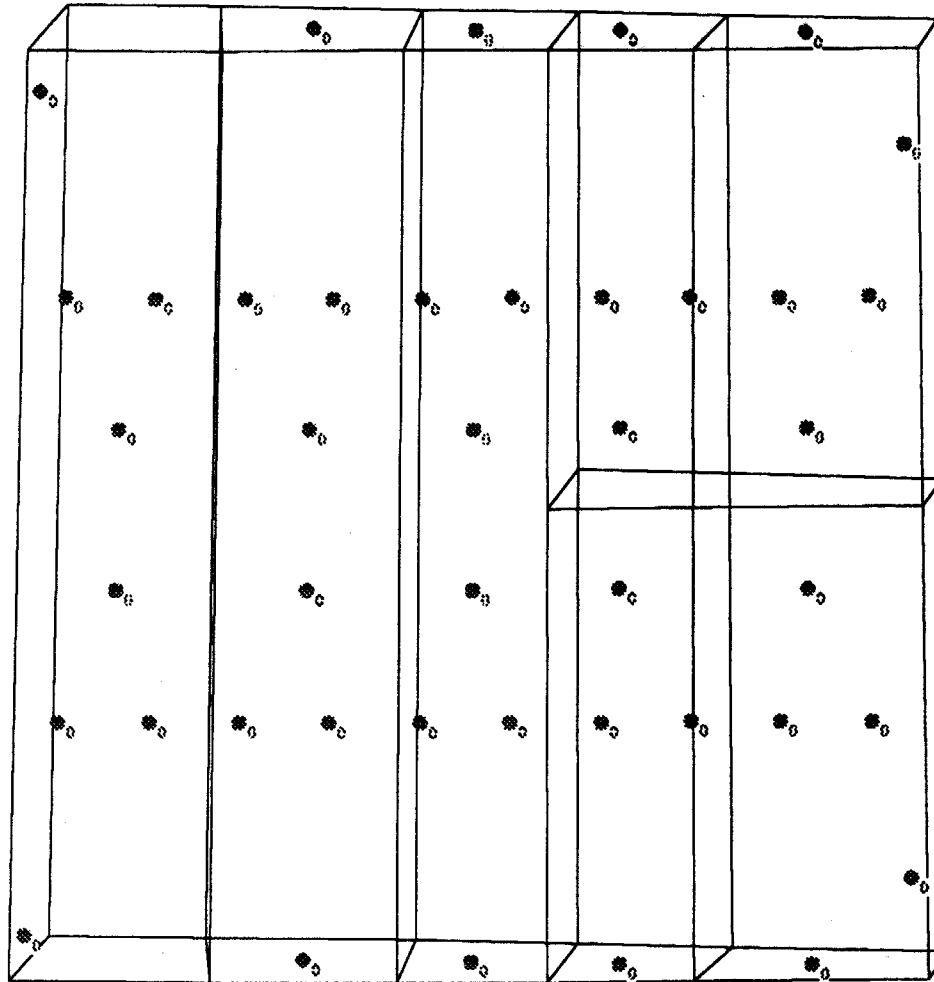
## Color Key

- 0
- 0
- 0
- 0
- 0

# TWA800 Flight Test

## Center Wing Tank Surface Temperature

### Measurement Locations



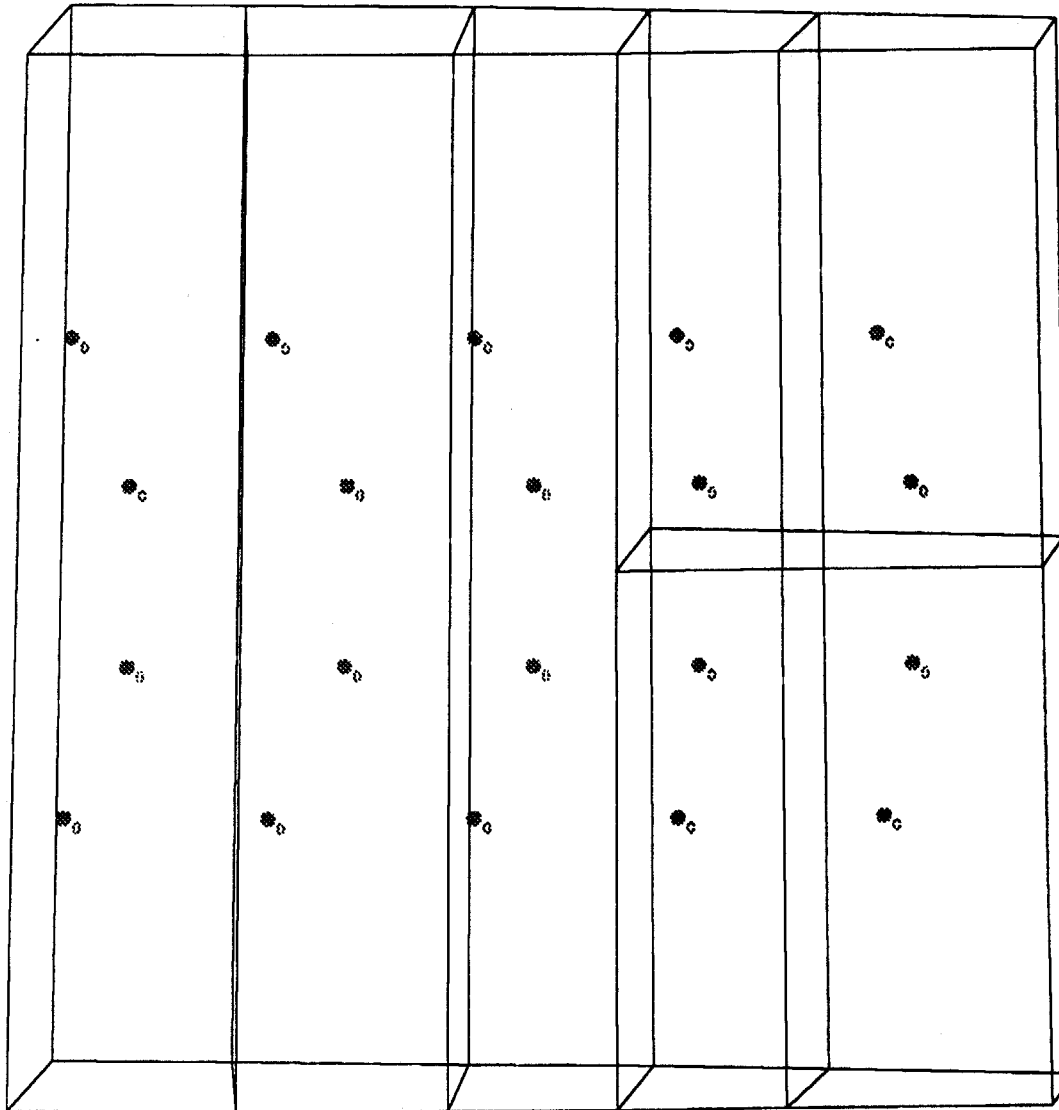
#### Color Key

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- 0
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- 0

# TWA800 Flight Test

## ECS Pack Bay Air Temperature Measurement Locations

Sensors 4 inches below CWT bottom



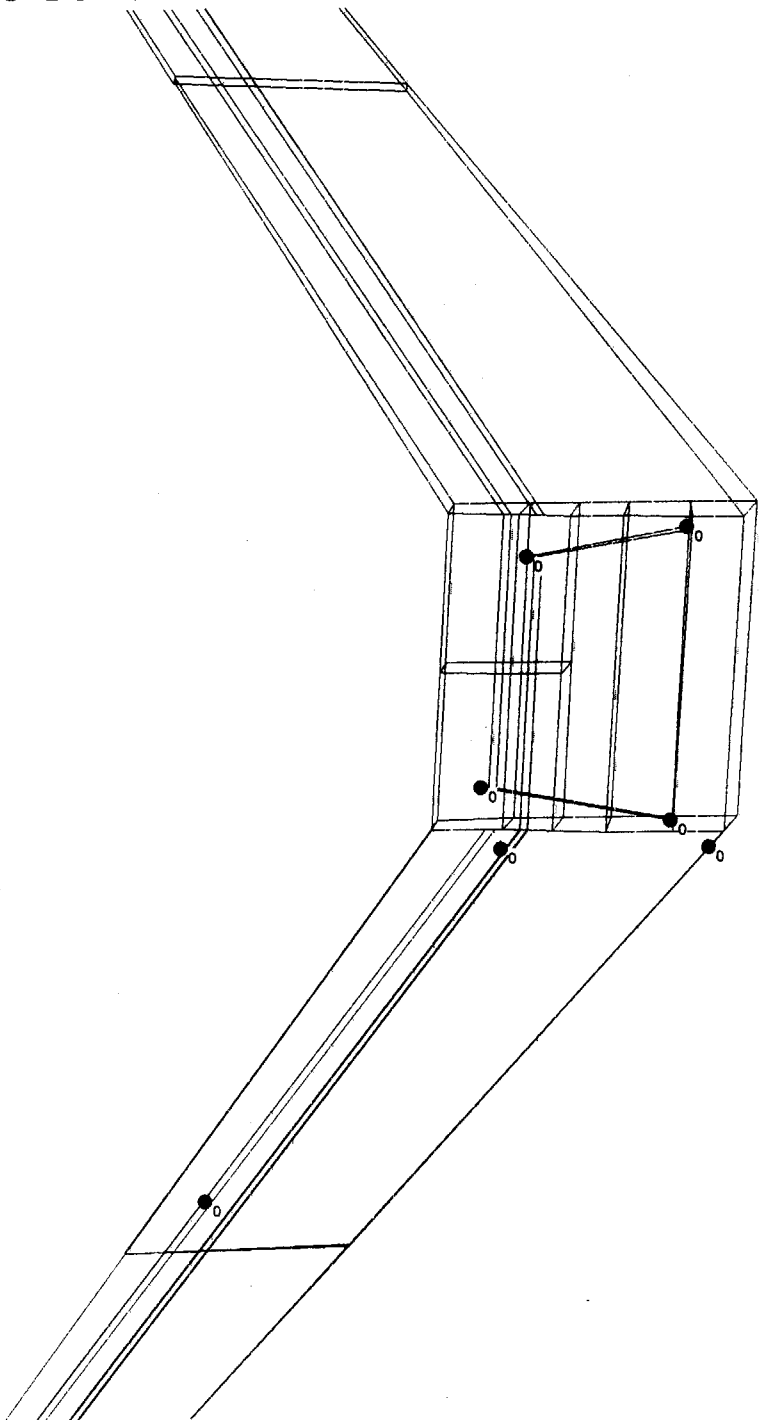
### Color Key

- 0
- 0
- 0
- 0
- 0

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# TWA800 Flight Test

## Tank 3 Sensors and CWT vent inlets



### Color Key

- 
- 70
- 90
- 110
- 130
- 150

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