



ER-2 MISSION DATA CARD



ORACLES

PILOT		TAKEOFF DATE		SCHED T/O		ACTUAL T/O		LAND		FLIGHT TIME			
Broce		27 SEP 16		07:00:00 Z									
<h1 style="text-align: center;">NASA809</h1>				3 kt jet Speeds Glide Min Sink		ATIS / CLEARANCE PolygonV2 satellite @1327						IRIDIUM Preset Char	
												1	Stu
Takeoff Time (Z): 07:00:00		Fuel Load: 2453		NF "T"									
Land Time (Z): 15:43:38		Fuel Used: 1821		Flap "T"									
Sched Duration : 08+43+38		Fuel On Board: 11+21+41											
WP#	Fix/Point	VOR	Altitude	TC	IM	TAS	Dist	Time	Fuel	ATA	REMARKS		
DTD#	Description	TAC	Latitude Longitude	MC Bank	Temp Wind	CAS GS	Leg Total	Leg Total Clock	Leg Total FF	Actual Fuel			
1	FYWB/A WALVIS BAY		299M S 22 58.76 E014 38.83	359 T 012 M 20 °	+19C 223/011	T C G	0 0	+03.0 +03.0 07:00.0	50 2403	-----			
2	NIBEK/W NIBEK NIBEK		52271M S 22 58.08 E013 12.15	266 T 279 M 20 °	N/A -65C 255/007	N/A T N/A C N/A G	82 82	+18.8 +21.8 07:21.8	212 700	-----			
3			55057M S 23 00.00 E013 00.00	262 T 275 M 20 °	N/A -65C 308/008	N/A T N/A C N/A G	11 93	+01.9 +23.6 07:23.6	10 2181 300	-----			
4	FIR/4 FAJO		64241M S 23 18.10 E010 00.00	265 T 279 M 20 °	N/A -57C 309/008	N/A T N/A C N/A G	167 260	+35.0 +58.6 07:58.6	92 2089 157	-----			
	.level off		65000M S 23 20.01 E009 38.54	267 T 282 M °	N/A -57C 309/008	N/A T N/A C N/A G	20 280	+05.7 01+04.3 08:04.3	31 2058 157	-----			
5			65000M S 23 43.23 E004 05.58	265 T 281 M 20 °	.70 -57C 312/008	402 T 116 C 395 G	307 587	+46.6 01+50.9 08:50.9	174 1884 224	-----			
6			65000M S 23 00.00 E003 00.00	306 T 324 M 20 °	.70 -57C 311/008	402 T 116 C 394 G	74 661	+11.3 02+02.3 09:02.3	41 1843 219	-----			
7			65000M S 21 12.00 E000 19.80	305 T 323 M 20 °	.70 -57C 311/008	402 T 116 C 394 G	184 845	+28.0 02+30.2 09:30.2	100 1743 214	-----			
8			65000M S 20 31.09 W000 42.98	304 T 322 M 20 °	.70 -57C 311/008	402 T 116 C 394 G	72 917	+10.9 02+41.1 09:41.1	38 1705 211	-----			
9			65000M S 21 12.00 E000 19.80	125 T 143 M 20 °	.70 -57C 311/008	402 T 116 C 409 G	97 1013	+14.2 02+55.3 09:55.3	49 1656 208	-----			
10			65000M S 23 00.00 E003 00.00	127 T 144 M 20 °	.70 -57C 311/008	402 T 116 C 409 G	184 1197	+27.0 03+22.3 10:22.3	92 1564 204	-----			
11	5		65000M S 23 43.23 E004 05.58	126 T 144 M 20 °	.70 -57C 312/008	402 T 116 C 409 G	74 1271	+10.9 03+33.1 10:33.1	36 1528 200	-----			
12			65000M S 23 00.00 E003 00.00	305 T 323 M 20 °	.70 -57C 311/008	402 T 116 C 394 G	99 1371	+15.2 03+48.3 10:48.3	50 1478 198	-----			
13			65000M S 21 12.00 E000 19.80	305 T 323 M 20 °	.70 -57C 311/008	402 T 116 C 394 G	184 1554	+28.0 04+16.2 11:16.2	90 1388 193	-----			
14			65000M S 20 31.09 W000 42.98	304 T 322 M 20 °	.70 -57C 311/008	402 T 116 C 394 G	72 1626	+10.9 04+27.1 11:27.1	34 1354 190	-----			

WP# DTD#	Fix/Point Description	VOR TAC	Altitude Latitude Longitude	TC MC Bank	IM Temp Wind	TAS CAS GS	Dist Leg Total	Time Leg Total Clock	Fuel Leg Total FF	ATA Actual Fuel	REMARKS
15 15			65000M S 21 12.00 E000 19.80	125 T 143 M 20 °	.70 -57C 311/008	402 T 116 C 409 G	97 1723	+14.2 04+41.3 11:41.3	44 1310 188	-----	
16 15			65000M S 23 00.00 E003 00.00	127 T 144 M 20 °	.70 -57C 311/008	402 T 116 C 409 G	184 1906	+27.0 05+08.3 12:08.3	83 1227 184	-----	
17 17			65000M S 18 01.01 E006 43.50	034 T 051 M 20 °	.70 -57C 306/008	402 T 116 C 403 G	368 2274	+54.8 06+03.1 13:03.1	162 1065 177	-----	turn to legs18/19
18 18			65000M S 18 13.22 E006 58.17	168 T 180 M 20 °	.70 -57C 306/008	402 T 116 C 406 G	25 2300	+03.8 06+06.8 13:06.8	11 1054 173	-----	satlitte overpass 1327Z
19 19			65000M S 19 25.49 E007 14.75	169 T 181 M 20 °	.70 -57C 307/008	402 T 116 C 406 G	74 2373	+10.9 06+17.7 13:17.7	31 1023 172	-----	
20 20			65000M S 21 13.84 E007 39.96	169 T 182 M 20 °	.70 -57C 308/008	402 T 116 C 406 G	111 2484	+16.3 06+34.1 13:34.1	46 977 170	-----	
21 21			65000M S 21 49.95 E007 48.46	168 T 183 M 20 °	.70 -57C 309/008	402 T 116 C 406 G	37 2521	+05.5 06+39.5 13:39.5	15 962 168	-----	
22 22			65000M S 23 37.42 E008 14.06	168 T 183 M 20 °	.70 -57C 310/008	402 T 116 C 406 G	110 2630	+16.2 06+55.7 13:55.7	45 917 167	-----	
23 23			65000M S 27 14.50 E009 07.87	168 T 185 M 20 °	.70 -57C 312/008	402 T 116 C 406 G	222 2852	+32.8 07+28.5 14:28.5	89 828 164	-----	
24 FIR/24 FYWH			65000M S 26 18.83 E010 00.23	030 T 049 M 20 °	.70 -57C 311/008	0 T 0 C 0 G	83 2935	+12.3 07+40.8 14:40.8	33 795 161	-----	
.descent pt			65000M S 23 24.14 E012 38.82	039 T 057 M °	.70 -57C 308/008	402 T 116 C 404 G	226 3161	+33.6 08+14.4 15:14.4	88 707 158	-----	
25 25			48403M S 23 00.00 E013 00.00	032 T 047 M 20 °	N/A -57C 308/008	N/A T N/A C N/A G	31 3192	+07.0 08+21.4 15:21.4	17 690 150	-----	
26 NIBEK/W NIBEK NIBEK			42425M S 22 58.08 E013 12.15	094 T 108 M 20 °	N/A -57C 307/008	N/A T N/A C N/A G	12 3204	+02.5 08+23.9 15:23.9	6 684 150	-----	
27 WBV/E WBV WALVIS BAY	113.60 083X		2500M S 22 58.93 E014 38.67	090 T 103 M 20 °	N/A +10C 307/008	N/A T N/A C N/A G	80 3284	+16.8 08+40.6 15:40.6	42 642 150	-----	
28 FYWB/A WALVIS BAY			299M S 22 58.76 E014 38.83	040 T 053 M 20 °	+14C 307/008	T C G	0 3284	+03.0 08+43.6 15:43.6	10 632	-----	