



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>NASA809</h1>				3 kt jet Speeds Glide Min Sink		ATIS / CLEARANCE GRID PLAN						IRIDIUM Preset Char	
												1	Stu
Takeoff Time (Z): 07:00:00		Fuel Load: 2453		NF "T"									
Land Time (Z): 16:02:12		Fuel Used: 1762		Flap "T"									
Sched Duration : 09+02+12		Fuel On Board: 11+56+52											
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		299M	359 T		T	0	+03.0	50				
	FYWB WALVIS BAY		S 22 58.76 E014 38.83	012 M 20 °	+16C 186/009	C G	0 0	+03.0 07:00.0	2403	-----			
2	NIBEK/W		53248M	266 T	N/A	N/A T	82	+18.0	205				
	NIBEK		S 22 58.08 E013 12.15	279 M 20 °	-65C 222/003	N/A C N/A G	82	+21.0 07:21.0	2198 708	-----			
3			55318M	262 T	N/A	N/A T	11	+02.1	9				
3			S 23 00.00 E013 00.00	276 M 20 °	-65C 325/005	N/A C N/A G	94	+23.0 07:23.0	2189 233	-----			
4			58465M	334 T	N/A	N/A T	36	+06.8	19				
FIR			S 22 29.48 E012 42.71	349 M 20 °	-65C 317/005	N/A C N/A G	130	+29.8 07:29.8	2170 149	-----			
	.level off		65000M	338 T	N/A	N/A T	144	+28.1	74				
			S 20 13.85 E011 50.22	351 M °	-67C 306/003	N/A C N/A G	274	+58.0 07:58.0	2096 149	-----			
5			65000M	340 T	.70	392 T	142	+21.8	77				
5/B4	.B4		S 18 00.00 E011 00.00	352 M 20 °	-67C 304/003	116 C 389 G	415	01+19.8 08:19.8	2019 212	-----			
6			65000M	001 T	.70	392 T	25	+03.9	14				
FIR	.FNAN		S 17 34.48 E011 00.00	011 M 20 °	-67C 291/001	116 C 391 G	441	01+23.7 08:23.7	2005 210	-----			
7			65000M	360 T	.70	392 T	363	+55.7	189				
7/A4	.A4		S 11 30.00 E011 00.00	010 M 20 °	-67C 295/002	116 C 391 G	803	02+19.3 09:19.3	1816 204	-----			
8			65000M	270 T	.70	392 T	65	+10.0	33				
8/A3	.A3		S 11 30.00 E010 00.00	277 M 20 °	-67C 297/003	116 C 389 G	868	02+29.3 09:29.3	1783 197	-----			
9			65000M	180 T	.70	392 T	394	01+00.2	191				
9/B3	.B3		S 18 00.00 E010 00.00	187 M 20 °	-67C 316/003	116 C 393 G	1262	03+29.5 10:29.5	1592 191	-----			
10			65000M	270 T	.70	392 T	63	+09.7	30				
10/B2	.B2		S 18 00.00 E009 00.00	281 M 20 °	-67C 339/003	116 C 390 G	1325	03+39.2 10:39.2	1562 184	-----			
11			65000M	360 T	.70	391 T	394	01+00.8	181				
11/A2	.A2		S 11 30.00 E009 00.00	011 M 20 °	-68C 326/003	116 C 389 G	1719	04+40.0 11:40.0	1381 179	-----			
12			65000M	270 T	.70	391 T	65	+10.0	29				
12/A1	.A1		S 11 30.00 E008 00.00	278 M 20 °	-68C 316/003	116 C 389 G	1784	04+50.0 11:50.0	1352 173	-----			
13			65000M	180 T	.70	391 T	394	+59.8	168				
13/B1	.B1/FAJO		S 18 00.00 E008 00.00	188 M 20 °	-67C 344/005	116 C 396 G	2178	05+49.8 12:49.8	1184 168	-----			
14			65000M	189 T	.70	392 T	143	+21.6	59				
TP			S 20 22.43 E007 37.91	201 M 20 °	-67C 351/007	116 C 398 G	2322	06+11.4 13:11.4	1125 163	-----			

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 CAL S	.CALIPSO S		65000M S 20 16.14 E007 23.11	345 T 359 M 20 °	.70 -67C 349/007	392 T 116 C 385 G	24 2346	+03.8 06+15.1 13:15.1	10 1115 161	-----	
16 16			65000M S 19 25.49 E007 14.75	351 T 005 M 20 °	.70 -67C 353/007	392 T 116 C 385 G	51 2397	+08.0 06+23.1 13:23.1	21 1094 161	-----	
17 17			65000M S 18 49.36 E007 06.44	348 T 001 M 20 °	.70 -67C 358/007	392 T 116 C 385 G	37 2434	+05.8 06+28.8 13:28.8	15 1079 160	-----	
18 FIR/18	.FNAN		65000M S 18 05.61 E006 56.46	348 T 001 M 20 °	.70 -67C 359/007	391 T 116 C 384 G	45 2478	+07.0 06+35.8 13:35.8	18 1061 159	-----	
19 19			65000M S 17 37.07 E006 49.93	348 T 360 M 20 °	.70 -67C 358/007	391 T 116 C 384 G	29 2507	+04.6 06+40.4 13:40.4	12 1049 158	-----	
20 20			65000M S 17 00.92 E006 41.74	348 T 360 M 20 °	.70 -68C 356/007	391 T 116 C 384 G	37 2544	+05.8 06+46.1 13:46.1	15 1034 158	-----	
21 21			65000M S 16 24.76 E006 33.58	348 T 359 M 20 °	.70 -68C 356/007	391 T 116 C 383 G	37 2581	+05.8 06+51.9 13:51.9	15 1019 157	-----	
22 22			65000M S 15 48.59 E006 25.45	348 T 359 M 20 °	.70 -68C 357/007	391 T 116 C 384 G	37 2618	+05.8 06+57.7 13:57.7	15 1004 156	-----	
23 23	.CALIPSO N		65000M S 15 12.42 E006 17.36	348 T 359 M 20 °	.70 -68C 360/007	391 T 116 C 384 G	37 2655	+05.8 07+03.4 14:03.4	15 989 155	-----	
24 FIR	.FAJO		65000M S 18 02.57 E008 38.10	145 T 155 M 20 °	.70 -68C 346/007	391 T 116 C 398 G	231 2885	+34.8 07+38.2 14:38.2	89 900 153	-----	
25 FIR	.FYWH		65000M S 19 38.40 E009 59.94	141 T 153 M 20 °	.70 -67C 330/008	392 T 116 C 400 G	123 3008	+18.5 07+56.7 14:56.7	46 854 150	-----	
26 FIR			65000M S 22 29.59 E012 32.00	141 T 153 M 20 °	.70 -65C 321/009	393 T 116 C 402 G	222 3231	+33.2 08+29.9 15:29.9	81 773 147	-----	
	.descent pt		65000M S 22 47.45 E012 48.41	140 T 154 M °	.70 -65C 322/009	393 T 116 C 402 G	23 3254	+03.5 08+33.4 15:33.4	8 765 144	-----	
27 27			55983M S 23 00.00 E013 00.00	140 T 154 M 20 °	N/A -65C 318/010	N/A T N/A C N/A G	16 3270	+03.8 08+37.1 15:37.1	9 756 150	-----	
28 NIBEK	NIBEK/W NIBEK		48932M S 22 58.08 E013 12.15	037 T 051 M 20 °	N/A -65C 320/010	N/A T N/A C N/A G	13 3284	+02.9 08+40.1 15:40.1	7 749 150	-----	
29 WBV/E WALVIS BAY		113.60 083X	3000M S 22 58.93 E014 38.67	096 T 109 M 20 °	N/A +19C 232/006	N/A T N/A C N/A G	80 3364	+19.2 08+59.2 15:59.2	48 701 150	-----	
30 FYWB/A WALVIS BAY			299M S 22 58.76 E014 38.83	042 T 055 M 20 °	N/A +21C 204/018	T C G	0 3364	+03.0 09+02.2 16:02.2	10 691	-----	