



# ER-2 MISSION DATA CARD

## ORACLES



PILOT		TAKEOFF DATE		SCHED T/O		ACTUAL T/O		LAND		FLIGHT TIME		
		10 SEP 16		07:00:00 Z								
NASA809				3 kt jet Speeds		ATIS / CLEARANCE					IRIDIUM Preset Char	
Takeoff Time (Z): 07:00:00		Fuel Load: 2553		Glide							Min Sink	
Land Time (Z): 15:52:50		Fuel Used: 1918		NF "T"		Flap "T"				2		
Sched Duration : 08+52+50		Fuel On Board: 11+31+37										
WP#	Fix/Point	VOR	Altitude	TC	IM					TAS	Dist	Time
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 °	.70 +19C 222/010	T C G	0 0	+03.0 +03.0 07:00.0	50 2503	-----		
2	NIBEK/W NIBEK		51543M S 22 58.08 E013 12.15	265 T 278 M 20 T °	N/A -64C 215/004	N/A T N/A C N/A G	82 82	+18.9 +21.9 07:21.9	214 2289 700	-----		
	.level off		65000M S 20 35.76 E010 39.04	312 T 325 M °	N/A -66C 088/009	N/A T N/A C N/A G	201 283	+42.2 01+04.1 08:04.1	187 2102 700	-----		
3	3/L		65000M S 19 00.00 E009 00.00	316 T 329 M 20 T °	.70 -66C 087/009	393 T 116 C 397 G	133 417	+20.2 01+24.3 08:24.3	77 2025 229	-----		
4	4/L		65000M S 15 00.00 E009 00.00	003 T 015 M 20 T °	.70 -66C 098/019	392 T 116 C 392 G	239 656	+36.6 02+00.9 09:00.9	136 1889 224	-----		
5	5/L		65000M S 10 00.00 E009 00.00	003 T 012 M 20 T °	.70 -66C 096/021	392 T 116 C 392 G	299 954	+45.8 02+46.6 09:46.6	164 1725 215	-----		
6	6/L		65000M S 05 00.00 E009 00.00	002 T 009 M 20 T °	.70 -66C 079/015	392 T 116 C 388 G	296 1250	+45.8 03+32.4 10:32.4	157 1568 206	-----		
7	7/L		65000M S 08 00.00 W002 00.00	254 T 258 M 20 T °	.70 -66C 088/014	393 T 116 C 407 G	674 1925	01+39.4 05+11.9 12:11.9	318 1250 192	-----		
8	8/L		65000M S 09 00.00 W001 00.00	133 T 143 M 20 T °	.70 -66C 103/019	392 T 116 C 378 G	80 2005	+12.7 05+24.5 12:24.5	38 1212 182	-----		
9	9/L		65000M S 10 00.00 W000 00.00	133 T 144 M 20 T °	.70 -66C 108/020	392 T 116 C 376 G	84 2089	+13.4 05+38.0 12:38.0	40 1172 179	-----		
10	10/L		65000M S 12 00.00 E002 00.00	134 T 144 M 20 T °	.70 -66C 111/022	392 T 116 C 374 G	168 2257	+27.0 06+04.9 13:04.9	79 1093 176	-----		
11	11/L		65000M S 14 00.00 E004 00.00	134 T 145 M 20 T °	.70 -66C 112/023	392 T 116 C 374 G	167 2424	+26.9 06+31.8 13:31.8	77 1016 172	-----		
12	12/L		65000M S 16 00.00 E006 00.00	134 T 145 M 20 T °	.70 -67C 104/021	392 T 116 C 376 G	167 2591	+26.6 06+58.4 13:58.4	75 941 169	-----		
13	13/L		65000M S 18 00.00 E008 00.00	134 T 145 M 20 T °	.70 -66C 093/020	392 T 116 C 381 G	166 2756	+26.1 07+24.5 14:24.5	72 869 165	-----		
14	14/L		65000M S 20 00.00 E010 00.00	135 T 147 M 20 T °	.70 -65C 089/017	393 T 116 C 384 G	165 2921	+25.8 07+50.2 14:50.2	70 799 162	-----		

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DTD#	Description	TAC	Latitude Longitude	MC Bank	Temp Wind	CAS GS	Leg Total	Leg Total Clock	Leg Total FF	Actual Fuel	
15	15/L		65000M S 22 00.00 E012 00.00	136 T 148 M 20T °	.70 -65C 090/012	394 T 116 C 388 G	164 3085	+25.4 08+15.6 15:15.6	67 732 159	-----	
	.descent pt		65000M S 22 40.22 E012 49.78	130 T 143 M °	.70 -65C 091/012	394 T 116 C 387 G	61 3147	+09.5 08+25.1 15:25.1	25 707 156	-----	
16	NIBEK/W NIBEK		49203M S 22 58.08 E013 12.15	130 T 144 M 20T °	N/A -65C 091/008	N/A T N/A C N/A G	27 3174	+06.4 08+31.5 15:31.5	16 691 150	-----	
17	WBV/E WALVIS BAY	113.60 083X	3800M S 22 58.93 E014 38.67	091 T 105 M 20T °	N/A +16C 112/003	N/A T N/A C N/A G	80 3254	+18.4 08+49.8 15:49.8	46 645 150	-----	
18	FYWB/A WALVIS BAY		299M S 22 58.76 E014 38.83	041 T 055 M 20T °	+18C 197/007	T C G	0 3254	+03.0 08+52.8 15:52.8	10 635	-----	