



ER-2 MISSION DATA CARD



HyspIRI

PILOT		TAKEOFF DATE		SCHED T/O		ACTUAL T/O		LAND		FLIGHT TIME		
				07:45:00 Z								
NASA809				3 kt jet Speeds		ATIS / CLEARANCE					IRIDIUM Preset Char	
Takeoff Time (Z): 07:45:00		Fuel Load: 2453		Glide							1	
Land Time (Z): 15:00:16		Fuel Used: 1589		Min Sink		4						
Sched Duration : 07+15+16		Fuel On Board: 10+49+55		NF "T" Flap "T"								
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 °	+32C 257/004	C G	0	+03.0	2403	-----		
2	NIBEK/W		52094M	267 T	N/A	N/A T	82	+18.7	211			
	NIBEK NIBEK		S 22 58.08 E013 12.15	280 M 20 °	-67C 282/005	N/A C N/A G	82	+21.7	2192	-----		
3			55026M	262 T	N/A	N/A T	11	+01.8	10			
2			S 23 00.00 E013 00.00	275 M 20 °	-67C 298/006	N/A C N/A G	93	+23.5	2182	-----		
4			63552M	292 T	N/A	N/A T	151	+30.9	82			
3			S 22 00.00 E010 30.00	306 M 20 °	-67C 308/005	N/A C N/A G	245	+54.4	2100	-----		
	.level off		65000M	360 T	N/A	N/A T	45	+09.9	42			
			S 21 15.03 E010 27.89	014 M °	-68C 054/003	N/A C N/A G	290	01+04.3	2058	-----		
5			65000M	001 T	.70	390 T	194	+30.0	113			
4	CS		S 18 00.00 E010 30.00	014 M 20 °	-68C 051/003	116 C 388 G	484	01+34.3	1945	-----		
6			65000M	001 T	.70	390 T	13	+02.0	7			
	FIR .FNAN		S 17 47.21 E010 30.00	012 M 20 °	-68C 089/008	116 C 389 G	497	01+36.3	1938	-----		
7			65000M	002 T	.70	389 T	226	+35.1	128			
5	CN		S 14 00.00 E010 30.00	012 M 20 °	-69C 089/011	116 C 387 G	723	02+11.3	1810	-----		
8			65000M	178 T	.70	390 T	263	+40.2	142			
6	CS		S 18 00.00 E010 30.00	187 M 20 °	-68C 091/011	116 C 392 G	986	02+51.6	1668	-----		
9			65000M	270 T	.70	391 T	91	+13.8	47			
7	BS		S 18 00.00 E009 00.00	281 M 20 °	-68C 089/007	116 C 397 G	1078	03+05.4	1621	-----		
10			65000M	001 T	.70	390 T	245	+38.1	127			
8	BN		S 14 00.00 E009 00.00	013 M 20 °	-69C 077/011	116 C 385 G	1322	03+43.5	1494	-----		
11			65000M	178 T	.70	391 T	263	+39.8	128			
9	BS		S 18 00.00 E009 00.00	187 M 20 °	-68C 073/013	116 C 397 G	1585	04+23.3	1366	-----		
12			65000M	002 T	.70	390 T	263	+41.2	127			
10	BN		S 14 00.00 E009 00.00	013 M 20 °	-69C 070/013	116 C 383 G	1848	05+04.4	1239	-----		
13	new point		65000M	295 T	.70	402 T	96	+14.1	42			
			S 13 18.01 E007 33.14	304 M 20 °	-57C 071/013	116 C 409 G	1944	05+18.5	1197	-----		
14			65000M	166 T	.70	390 T	48	+07.3	22			
12			S 13 58.48	174 M	-69C	116 C	1992	05+25.7	1175	-----		

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
			E007 31.90	20 °	075/016	393 G		13:10.7	179		
15			65000M	166 T	.70	391 T	111	+16.9	50		
13			S 15 47.01	175 M	-68C	116 C	2102	05+42.6	1125	-----	
			E007 56.08	20 °	077/015	393 G		13:27.6	177		
16			65000M	166 T	.70	391 T	111	+16.8	49		
14			S 17 35.49	176 M	-68C	116 C	2213	05+59.3	1076	-----	
			E008 20.60	20 °	066/013	396 G		13:44.3	175		
17			65000M	166 T	.70	391 T	28	+04.3	12		
FIR	,FAJO		S 18 03.17	178 M	-67C	116 C	2241	06+03.6	1064	-----	
			E008 26.85	20 °	053/012	398 G		13:48.6	173		
18			65000M	166 T	.70	391 T	9	+01.3	4		
15			S 18 11.64	178 M	-67C	116 C	2250	06+04.9	1060	-----	
			E008 28.79	20 °	051/011	398 G		13:49.9	173		
19			65000M	166 T	.70	392 T	37	+05.6	16		
16			S 18 47.78	178 M	-67C	116 C	2287	06+10.4	1044	-----	
			E008 37.06	20 °	049/011	399 G		13:55.4	172		
20			65000M	167 T	.70	392 T	37	+05.5	16		
17			S 19 23.91	179 M	-67C	116 C	2323	06+16.0	1028	-----	
			E008 45.37	20 °	044/010	399 G		14:01.0	172		
21			65000M	167 T	.70	393 T	111	+16.5	47		
18	CALYPSO S		S 21 12.27	180 M	-66C	116 C	2434	06+32.5	981	-----	
			E009 10.57	20 °	028/009	401 G		14:17.5	170		
22			65000M	114 T	.70	393 T	53	+08.0	22		
FIR	.FYWH		S 21 36.17	127 M	-66C	116 C	2487	06+40.5	959	-----	
			E010 00.01	20 °	011/009	397 G		14:25.5	168		
	.descent pt		65000M	116 T	.70	393 T	149	+22.5	62		
			S 22 43.45	130 M	-66C	116 C	2636	07+03.0	897	-----	
			E012 23.60	°	011/009	398 G		14:48.0	166		
23			42013M	115 T	N/A	N/A T	37	+07.1	18		
19			S 23 00.00	129 M	-65C	N/A C	2673	07+10.1	879	-----	
			E013 00.00	20 °	003/009	N/A G		14:55.1	150		
24	NIBEK/W		35000M	069 T	N/A	N/A T	12	+02.2	5		
NIBEK	NIBEK		S 22 58.08	083 M	-49C	N/A C	2685	07+12.3	874	-----	
			E013 12.15	20 °	319/012	N/A G		14:57.3	150		
25	FYWB/A		299M	091 T		T	80	+03.0	10		
FYWB	WALVIS BAY		S 22 58.76	105 M	+29C	C	2765	07+15.3	864	-----	
			E014 38.83	20 °	271/009	G		15:00.3			