



ER-2 MISSION DATA CARD

ORACLES Transit



PILOT		TAKEOFF DATE		SCHED T/O		ACTUAL T/O		LAND		FLIGHT TIME	
		27 JUL 16		16:00:00 Z							
NASA809				3 kt jet Speeds		ATIS / CLEARANCE				IRIDIUM Preset Char	
Takeoff Time (Z): 16:00:00		Fuel Load: 1153		Glide							
Land Time (Z): 18:47:32		Fuel Used: 650		Min Sink						2	
Sched Duration : 02+47+32		Fuel On Board: 04+53+47		NF "T"						3	
				Flap "T"						4	
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	KPMD 22/RW PALMDALE USAF		2491M N 34 38.24 W118 03.62	231 T 219 M 20 °	+30C 205/001	T C G	0 0	+03.0 +03.0 16:00.0	50 1103	-----	
	.level off		17500M N 34 42.24 W118 07.54	336 T 324 M °	N/A -5C 128/005	N/A T N/A C N/A G	6 6	+02.2 +05.2 16:05.2	61 1042 1683	-----	
2	ROSIE/W ROSIE		17500M N 34 51.15 W118 12.39	336 T 324 M 20 °	.34 -5C 128/005	215 T 160 C 220 G	10 16	+02.7 +07.8 16:07.8	12 1030 262	-----	
3	.TP		49187M N 35 35.00 W118 15.49	359 T 346 M 20 °	N/A -63C 089/018	N/A T N/A C N/A G	44 60	+09.6 +17.4 16:17.4	100 930 634	-----	
4	ROSIE/W ROSIE		59988M N 34 51.15 W118 12.39	183 T 171 M 20 °	N/A -63C 079/028	N/A T N/A C N/A G	53 113	+11.9 +29.3 16:29.3	58 872 216	-----	
	.level off		65000M N 34 25.14 W117 37.99	127 T 115 M °	N/A -63C 079/027	N/A T N/A C N/A G	39 151	+09.2 +38.5 16:38.5	33 839 216	-----	
5	PDZ/R059023 .TP	112.20 059X	65000M N 34 01.53 W117 05.26	128 T 116 M 20 °	.70 -63C 079/027	395 T 116 C 374 G	36 187	+05.8 +44.2 16:44.2	16 823 162	-----	
6	PDZ/R105015 .N3 ON	112.20 059X	65000M N 33 47.71 W117 16.30	245 T 233 M 20 °	.70 -63C 079/027	395 T 116 C 420 G	21 208	+03.0 +47.2 16:47.2	8 815 161	-----	
7	SLI/R173013 .SEA_PRISM	115.70 104X	65000M N 33 34.09 W118 05.53	251 T 239 M 20 °	.70 -64C 079/027	395 T 116 C 420 G	43 252	+06.2 +53.4 16:53.4	17 798 161	-----	
8	SXC/R255028 .N3 OFF	111.40 051X	65000M N 33 22.57 W118 58.96	255 T 243 M 20 °	.70 -64C 081/026	395 T 116 C 420 G	46 298	+06.6 01+00.0 17:00.0	18 780 160	-----	
9	GVO/R185083 .N4 ON	113.80 085X	65000M N 33 13.87 W120 40.73	264 T 252 M 20 °	.70 -64C 081/026	394 T 116 C 420 G	86 383	+12.3 01+12.3 17:12.3	32 748 159	-----	
10	GVO/R217145 .N4 OFF	113.80 085X	65000M N 33 03.56 W122 23.68	263 T 251 M 20 °	.70 -64C 081/026	394 T 116 C 420 G	87 470	+12.4 01+24.7 17:24.7	33 715 157	-----	
11	GVO/R215157 .TP	113.80 085X	65000M N 32 52.29 W122 31.70	189 T 176 M 20R °	.70 -64C 081/027	394 T 116 C 398 G	14 485	+02.2 01+26.8 17:26.8	6 709 156	-----	
12	GVO/R217145 .N4 ON	113.80 085X	65000M N 33 03.56 W122 23.68	076 T 064 M 20 °	.70 -64C 081/027	394 T 116 C 369 G	41 526	+06.7 01+33.5 17:33.5	17 692 156	-----	
13	GVO/R184084 .N4 OFF	113.80 085X	65000M N 33 13.30 W120 40.35	084 T 071 M 20 °	.70 -64C 081/026	394 T 116 C 369 G	87 613	+14.2 01+47.7 17:47.7	37 655 154	-----	

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
14	SXC/R253027 .PTN3_6	111.40 051X	65000M N 33 21.52 W118 57.92	085 T 072 M 20 °	.70 -64C 081/026	395 T 116 C 369 G	86 699	+14.0 02+01.7 18:01.7	36 619 153	-----	
15	SXC/R193021 .TP	111.40 051X	65000M N 33 03.46 W118 37.16	140 T 128 M 20 °	.70 -64C 081/026	395 T 116 C 378 G	26 725	+04.1 02+05.9 18:05.9	10 609 151	-----	
16	SXC/R157012 .N3 ON	111.40 051X	65000M N 33 10.97 W118 23.34	009 T 358 M 20 °	.70 -64C 080/026	395 T 116 C 392 G	19 745	+03.0 02+08.8 18:08.8	7 602 151	-----	
17	LAX/R099002 .EL SEGUNDO	113.60 083X	65000M N 33 55.05 W118 23.34	004 T 352 M 20 °	.70 -64C 081/026	395 T 116 C 395 G	44 789	+06.7 02+15.5 18:15.5	17 585 150	-----	
18	LHS/R104011 .N3 OFF	108.40 021X	65000M N 34 35.90 W118 23.34	004 T 352 M 20 °	.70 -63C 082/026	395 T 116 C 396 G	41 829	+06.2 02+21.7 18:21.7	15 570 150	-----	
	.descent pt		65000M N 34 39.68 W118 21.83	037 T 025 M °	.70 -63C 082/026	395 T 116 C 382 G	4 833	+00.6 02+22.3 18:22.3	2 568 149	-----	
19	ROSIE/W ROSIE		56618M N 34 51.15 W118 12.39	039 T 027 M 20 °	N/A -63C 083/026	N/A T N/A C N/A G	14 847	+03.3 02+25.6 18:25.6	8 560 150	-----	
20	.TP		42449M N 35 15.00 W118 05.78	015 T 003 M 20L °	N/A -63C 083/025	N/A T N/A C N/A G	24 872	+05.6 02+31.3 18:31.3	14 546 150	-----	
21	ROSIE/W ROSIE		14815M N 34 51.15 W118 12.39	166 T 154 M 20 °	N/A -21C 083/025	N/A T N/A C N/A G	47 919	+11.0 02+42.2 18:42.2	27 519 150	-----	
22	FORDA/W FORDA		4500M N 34 38.37 W117 57.04	132 T 120 M 20 °	N/A +25C 084/011	N/A T N/A C N/A G	18 937	+02.3 02+44.5 18:44.5	6 513 150	-----	
23	KPMD/A PALMDALE USAF		2543M N 34 37.76 W118 05.07	265 T 253 M 20 °	+29C 254/002	T C G	7 944	+03.0 02+47.5 18:47.5	10 503	-----	