



ER-2 MISSION DATA CARD

ORACLES Checkout



PILOT		TAKEOFF DATE		SCHED T/O		ACTUAL T/O		LAND		FLIGHT TIME		
		28 JUL 16		16:00:00 Z								
NASA809				3 kt jet <i>Speeds</i>		ATIS / CLEARANCE					IRIDIUM Preset Char	
Takeoff Time (Z): 16:00:00		Fuel Load: 1353		Glide								
Land Time (Z): 20:18:46		Fuel Used: 890		Min Sink						2		
Sched Duration : 04+18+46		Fuel On Board: 06+15+07		NF "T"						3		
				Flap "T"						4		
										Mobile		
										Flt ops		
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 °	+31C 214/006	T C G	0 0	+03.0 +03.0 16:00.0	50 1303	-----		
	.level off		17500M N 34 42.57 W118 07.72	334 T 322 M °	N/A -4C 174/005	N/A T N/A C N/A G	6 6	+02.3 +05.3 16:05.3	64 1239 1675	-----		
2	ROSIE/W ROSIE		17500M N 34 51.15 W118 12.39	335 T 323 M 20 °	.34 -4C 174/005	215 T 160 C 220 G	9 16	+02.6 +07.9 16:07.9	11 1228 265	-----		
3	.EWALD/W		63366M N 37 12.00 W118 07.75	003 T 350 M 20 °	N/A -61C 086/011	N/A T N/A C N/A G	141 156	+30.3 +38.1 16:38.1	177 1051 351	-----		
	.level off		65000M N 37 23.38 W118 00.57	032 T 019 M °	N/A -61C 069/019	N/A T N/A C N/A G	13 169	+03.2 +41.3 16:41.3	11 1040 351	-----		
4	OAL/R167018 .6_2	117.70 124X	65000M N 37 42.38 W117 47.72	030 T 018 M 20T °	.70 -61C 069/019	397 T 116 C 386 G	22 191	+03.4 +44.6 16:44.6	10 1030 172	-----		
5	TPH/R280003 .6_3	117.20 119X	65000M N 38 03.33 W117 05.82	059 T 046 M 20 °	.70 -61C 072/019	397 T 116 C 380 G	39 230	+06.2 +50.8 16:50.8	18 1012 171	-----		
6	TQQ/R020037 .TP	113.00 077X	65000M N 38 17.37 W116 19.16	070 T 057 M 20 °	.70 -61C 073/019	397 T 116 C 379 G	39 269	+06.3 +57.1 16:57.1	18 994 170	-----		
7	ILC/R264025 .TP	116.30 110X	65000M N 38 19.21 W114 55.34	088 T 076 M 20 °	.70 -61C 076/019	397 T 116 C 378 G	66 335	+10.5 01+07.6 17:07.6	30 964 169	-----		
8	ILC/R281037 .6_4	116.30 110X	65000M N 38 31.62 W115 06.39	269 T 257 M 20 °	.70 -61C 077/019	397 T 116 C 416 G	28 363	+04.1 01+11.6 17:11.6	11 953 168	-----		
9	ILC/R272052 .N5 ON	116.30 110X	65000M N 38 30.85 W115 26.25	267 T 255 M 20 °	.70 -61C 077/019	397 T 116 C 416 G	16 379	+02.3 01+13.9 17:13.9	6 947 168	-----		
10	ELY/E206062 .RR VALLEY	110.60 043X	65000M N 38 30.24 W115 41.52	267 T 255 M 20 °	.70 -61C 076/019	397 T 116 C 416 G	12 391	+01.7 01+15.6 17:15.6	5 942 167	-----		
11	TQQ/R027058 .N5 OFF	113.00 077X	65000M N 38 29.59 W115 56.78	267 T 255 M 20 °	.70 -61C 075/019	397 T 116 C 416 G	12 403	+01.7 01+17.4 17:17.4	5 937 167	-----		
12	TPH/R035044 .N4 ON	117.20 119X	65000M N 38 28.48 W116 17.63	266 T 254 M 20 °	.70 -61C 075/019	397 T 116 C 416 G	16 419	+02.4 01+19.7 17:19.7	7 930 167	-----		
13	HZN/R133030 .N4 OFF/ON	114.10 088X	65000M N 39 04.63 W118 40.09	290 T 278 M 20 °	.70 -61C 074/018	398 T 116 C 415 G	117 537	+17.0 01+36.7 17:36.7	47 883 165	-----		

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	FMG/R204033 .TAHOE	117.90 126X	65000M N 39 06.48 W120 07.14	272 T 259 M 20 °	.70 -60C 073/018	398 T 116 C 415 G	68 604	+09.8 01+46.5 17:46.5	27 856 164	-----	
15	ENI/R296012 .N4 OFF/ON	112.30 070X	65000M N 39 11.43 W123 28.20	273 T 260 M 20 °	.70 -60C 070/017	398 T 116 C 415 G	156 761	+22.6 02+09.1 18:09.1	61 795 162	-----	
16	ENI/R226086 .6_10	112.30 070X	65000M N 38 21.70 W124 53.07	232 T 218 M 20 °	.70 -60C 070/017	398 T 116 C 412 G	82 843	+12.0 02+21.0 18:21.0	32 763 159	-----	
17	PYE/R221082 .6_11	113.70 084X	65000M N 37 20.53 W124 18.85	154 T 140 M 20 °	.70 -61C 072/017	397 T 116 C 391 G	65 907	+09.9 02+30.9 18:30.9	26 737 158	-----	
18	SGD/R174008 .6_12	112.10 058X	65000M N 38 03.33 W122 24.30	065 T 051 M 20 °	.70 -61C 071/018	398 T 116 C 381 G	97 1005	+15.3 02+46.2 18:46.2	40 697 156	-----	
19	OSI/R114010 .N3 ON	113.90 086X	65000M N 37 16.62 W122 07.02	161 T 147 M 20 °	.70 -61C 071/018	397 T 116 C 394 G	47 1051	+07.1 02+53.3 18:53.3	18 679 155	-----	
20	SNS/R229014 .MONTEREY	117.30 120X	65000M N 36 34.29 W121 51.82	161 T 148 M 20 °	.70 -61C 073/019	397 T 116 C 393 G	44 1095	+06.7 03+00.1 19:00.1	17 662 154	-----	
21	BSR/R151028 .N3 OFF	114.00 087X	65000M N 35 43.82 W121 30.75	158 T 145 M 20 °	.70 -62C 076/021	397 T 116 C 390 G	53 1149	+08.2 03+08.2 19:08.2	21 641 153	-----	
22	RZS/R131024 .TP	114.90 096X	65000M N 34 10.79 W119 29.41	130 T 117 M 20 °	.70 -63C 078/023	396 T 116 C 378 G	136 1285	+21.6 03+29.9 19:29.9	55 586 151	-----	
23	FIM/R224017 .N3 ON	112.50 072X	65000M N 34 12.56 W119 10.68	072 T 060 M 20 °	.70 -62C 079/024	396 T 116 C 374 G	17 1301	+02.7 03+32.5 19:32.5	7 579 150	-----	
24	PMD/R212018 .SAND FIRE	114.50 092X	65000M N 34 25.42 W118 20.26	074 T 062 M 20 °	.70 -62C 079/023	396 T 116 C 374 G	44 1345	+07.0 03+39.5 19:39.5	17 562 149	-----	
25	EDW/R122026 .N3 OFF	116.40 111X	65000M N 34 40.15 W117 22.81	073 T 061 M 20 °	.70 -62C 076/022	396 T 116 C 374 G	50 1395	+08.0 03+47.5 19:47.5	20 542 148	-----	
	.descent pt		65000M N 34 30.67 W117 28.60	301 T 290 M °	.70 -62C 076/022	396 T 116 C 415 G	29 1424	+04.2 03+51.7 19:51.7	10 532 148	-----	
26	ROSIE/W ROSIE		42602M N 34 51.15 W118 12.39	302 T 290 M 20 °	N/A -62C 073/021	N/A T N/A C N/A G	41 1465	+08.9 04+00.6 20:00.6	22 510 150	-----	
27			31070M N 35 07.04 W118 04.92	052 T 040 M 20 °	N/A -52C 074/021	N/A T N/A C N/A G	21 1486	+04.6 04+05.2 20:05.2	11 499 150	-----	
28	ROSIE/W ROSIE		4500M N 34 51.15 W118 12.39	170 T 158 M 20 °	N/A +25C 066/007	N/A T N/A C N/A G	47 1533	+10.6 04+15.8 20:15.8	26 473 150	-----	
29	KPMD/A PALMDALE USAF		2543M N 34 37.76 W118 05.07	156 T 144 M 20 °	+28C 254/005	T C G	15 1548	+03.0 04+18.8 20:18.8	10 463	-----	