



ER-2 MISSION DATA CARD

GOES-R Sonora Desert



PILOT		TAKEOFF DATE		SCHED T/O		ACTUAL T/O		LAND		FLIGHT TIME	
Gucci		28 Mar 2017		16:27:59 Z		0928		1550		6.4	
NASA809				4 kt jet Speeds		ATIS / CLEARANCE DIP# (etc) 16-4623				IRIDIUM Preset Char	
Takeoff Time (Z): 16:27:59		Fuel Load: 1753		Glide 126		"C" 1453z calm 30.14 8°/3° 0423/7664				1 Skid	
Land Time (Z): 22:55:04		Fuel Used: 1358		Min Sink 111						2 8+10	
Sched Duration : 06+27+05		Fuel On Board: 08+06+06		NF "T" 96						3 Jan	
Flap "T" 91										4 Mobile	
WP#	Fix/Point	VOR	Altitude	TC	IM	TAS	Dist	Time	Fuel	ATA	REMARKS
DTD#	Description	TAC	Latitude	MC	Temp	CAS	Leg	Leg	Leg	Actual Fuel	
			Longitude	Bank	Wind	GS	Total	Total	Total		
								Clock <th>FF</th> <td></td> <td></td>	FF		
1	KPMD/A		2543M	263 T		T	0	+03.0	50		
	KPMD PALMDALE USAF		N 34 37.76	251 M	+8C	C	0	+03.0	1703		LA
			W118 05.07	20 °	001/007	G		16:28.0			369.9
	.level off		17500M	340 T	N/A	N/A T	7	+02.7	70		
			N 34 43.74	328 M	-13C	N/A C	7	+05.7	1633		
			W118 08.90	°	333/025	N/A G		16:33.7	1552		
2	ROSIE/W		17500M	340 T	.34	211 T	8	+02.6	12		
	ROSIE ROSIE		N 34 51.15	327 M	-13C	160 C	15	+08.3	1621		
			W118 12.39	20 °	333/025	186 G		16:36.2	272		
3	TP3 .INIT 2		30897M	346 T	N/A	N/A T	9	+03.0	47		
			N 34 59.53	334 M	-52C	N/A C	24	+11.2	1574		
			W118 14.75	°	320/029	N/A G		16:39.2	979		
	.delay		44288M	347 T	N/A	N/A T	0	+05.0	42		
			N 34 59.53	334 M	-63C	N/A C	24	+16.2	1532		
			W118 14.75	°	320/029	N/A G		16:44.2	503		
4	NID/T327037		58982M	004 T	N/A	N/A T	78	+15.8	62	1655	360° timing
	TP4	053X	N 36 16.34	351 M	-62C	N/A C	102	+32.0	1470		
			W117 56.70	20 °	296/013	N/A G		16:60.0	236		
5	JENID/W		62965M ✓	087 T	N/A	N/A T	55	+09.2	30	1707	63K ↑
	JENID JENID		N 36 21.50	074 M	-62C	N/A C	157	+41.2	1440		
			W116 51.05	20 °	302/010	N/A G		17:09.2	194	1395	
	.level off		65000M	111 T	N/A	N/A T	26	+04.5	15		
			N 36 12.59	099 M	-61C	N/A C	182	+45.7	1425		
			W116 21.10	°	298/009	N/A G		17:13.7	201		
6	LAS/R225018	116.90	65000M	111 T	.70	397 T	46	+06.8	22		
	TP6 .TP	116X	N 35 55.89	099 M	-61C	116 C	228	+52.5	1403		
			W115 28.51	20 °	299/009	405 G		17:20.5	198		
7	LAS/R192025	116.90	65000M	181 T	.70	397 T	15	+02.3	8	1720	THIN HAZE
	IVNN .IVAN NORTH	116X	N 35 42.24	170 M	-61C	116 C	243	+54.8	1395	1850	SIGNS WEST
			W115 23.70	20 °	294/007	401 G		17:22.8	197		
8	LAS/R182040	116.90	65000M	181 T	.70	397 T	16	+02.4	8		CLR
	IVNS .IVAN SOUTH	116X	N 35 26.04	169 M	-62C	116 C	260	+57.2	1387		
			W115 23.70	20 °	292/008	401 G		17:25.2	197		
9	LAS/R188052	116.90	65000M	239 T	.70	397 T	13	+02.0	7		
	TP9 .TP	116X	N 35 17.12	227 M	-62C	116 C	273	+59.2	1380		
			W115 34.24	20L °	291/008	393 G		17:27.2	196		
10	LAS/R182040	116.90	65000M	355 T	.70	397 T	40	+06.2	20	1731	
	IVNS .IVAN SOUTH	116X	N 35 26.04	343 M	-62C	116 C	313	01+05.4	1360	1310	CLR
			W115 23.70	20 °	291/008	392 G		17:33.4	196		
11	LAS/R192025	116.90	65000M	359 T	.70	397 T	16	+02.5	8		
	IVNN .IVAN NORTH	116X	N 35 42.24	348 M	-61C	116 C	329	01+07.9	1352		
			W115 23.70	20 °	292/008	393 G		17:35.8	195		
12	LAS/R219025	116.90	65000M	294 T	.70	397 T	13	+02.0	6		
	TP12 .TP	116X	N 35 50.16	282 M	-61C	116 C	342	01+09.8	1346		
			W115 34.41	20R °	294/008	389 G		17:37.8	194		

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WP# DTD#	Fix/Point Description	VOR TAC	Altitude		TC MC Bank	IM Temp Wind	TAS CAS GS	Dist Leg Total	Time Leg Total Clock	Fuel		ATA Actual Fuel	REMARKS
			Latitude	Longitude						Leg Total FF	Leg Total		
13 IVNN	LAS/R192025 .IVAN NORTH	116.90	65000M	N 35 42.24	181 T 170 M 20 °	.70 -61C 294/008	397 T 116 C 401 G	41 383	+06.1 01+15.9 17:43.9	20 1326 194	1742.5 -60		
14 TGT	LAS/R186033 .TGT	116.90	65000M	N 35 34.14	181 T 169 M 20 °	.70 -62C 293/008	397 T 116 C 401 G	8 391	+01.2 01+17.1 17:45.1	4 1322 193			
15 IVNS	LAS/R182040 .IVAN SOUTH	116.90	65000M	N 35 26.04	181 T 169 M 20 °	.70 -62C 292/008	397 T 116 C 401 G	8 399	+01.2 01+18.4 17:46.3	4 1318 193		-61°C 115/15	
16 TP9	LAS/R188052 .TP	116.90	65000M	N 35 17.12	239 T 227 M 20L °	.70 -62C 291/008	397 T 116 C 393 G	13 412	+02.0 01+20.4 17:48.3	6 1312 192		CLR	
17 IVNS	LAS/R182040 .IVAN SOUTH	116.90	65000M	N 35 26.04	355 T 343 M 20 °	.70 -62C 291/008	397 T 116 C 392 G	40 453	+06.2 01+26.6 17:54.5	20 1292 192	1754.5 -65		
18 IVNN	LAS/R192025 .IVAN NORTH	116.90	65000M	N 35 42.24	359 T 348 M 20 °	.70 -61C 292/008	397 T 116 C 393 G	16 469	+02.5 01+29.0 17:57.0	8 1284 191			
19 TP12	LAS/R219025 .TP	116.90	65000M	N 35 50.16	294 T 282 M 20R °	.70 -61C 294/008	397 T 116 C 389 G	13 481	+02.0 01+31.0 17:59.0	6 1278 190			
20 IVNN	LAS/R192025 .IVAN NORTH	116.90	65000M	N 35 42.24	181 T 170 M 20 °	.70 -61C 294/008	397 T 116 C 401 G	41 522	+06.1 01+37.1 18:05.1	19 1259 190	1805.8 -73	CLR	
21 IVNS	LAS/R182040 .IVAN SOUTH	116.90	65000M	N 35 26.04	181 T 169 M 20 °	.70 -62C 292/008	397 T 116 C 401 G	16 538	+02.4 01+39.5 18:07.5	8 1251 189			
22 BLH	BLH/R BLYTHE	117.40	65000M	N 33 35.76	165 T 153 M 20 °	.70 -62C 281/009	396 T 116 C 401 G	114 653	+17.1 01+56.6 18:24.6	53 1198 187	1825 -70		
23 BZA	BZA/R BARD	116.80	65000M	N 32 46.09	172 T 161 M 20 °	.70 -63C 270/011	395 T 116 C 399 G	50 703	+07.6 02+04.2 18:32.2	23 1175 185	1832.3 -72		
24 MMZT	BZA/R168020 .MMZT	116.80	65000M	N 32 26.00	184 T 173 M 20 °	.70 -63C 269/012	395 T 116 C 396 G	20 723	+03.0 02+07.2 18:35.2	9 1166 184	1835.4 -70	28.3 MMZT	
	.descent pt		65000M	N 32 14.69	115 T 105 M °	.70 -63C 269/012	395 T 116 C 406 G	20 743	+03.0 02+10.2 18:38.2	9 1157 184			
25 T360	TEST 360		62500M	N 32 12.88	116 T 105 M 33R °	N/A -64C 270/012	N/A T N/A C N/A G	4 747	+00.7 02+10.8 18:38.8	2 1155 148		253/26 -62	
26 TP26	PPE/E325039 .TP	114.90	62500M	N 31 58.10	115 T 104 M 20 °	.71 -64C 269/011	400 T 125 C 411 G	58 806	+08.5 02+19.3 18:47.3	27 1128 194		126 IAS = 400 TAS	
27 TP27	PPE/E310029 .27NM 360 ✓	114.90	62500M	N 31 44.52	233 T 223 M 33R °	.71 -64C 267/012	400 T 125 C 392 G	17 823	+02.7 02+22.0 18:50.0	9 1119 193			
28	none .ROLLOUT		62500M	N 31 44.50	228 T 218 M °	.71 -64C 267/012	400 T 125 C 392 G	23 846	+03.5 02+25.5 18:53.5	11 1108 192			
29	TR046049024 .24NM 360 ✓		62500M	N 31 42.56	231 T 220 M 33R °	.71 -64C 267/012	400 T 125 C 392 G	3 849	+00.5 02+25.9 18:53.9	1 1107 192			
30	none .ROLLOUT		62500M	N 31 42.54	226 T 216 M °	.71 -64C 267/012	400 T 125 C 392 G	23 871	+03.5 02+29.4 18:57.4	11 1096 192			

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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
31	TR043049021 .21NM 360 ✓		62500M N 31 40.59 W113 44.32	231 T 220 M 33R °	.71 -64C 267/012	400 T 125 C 392 G	3 874	+00.5 02+29.8 18:57.8	1 1095 191		
32	none .ROLLOUT		62500M N 31 40.57 W113 44.32	225 T 215 M °	.71 -64C 267/012	400 T 125 C 393 G	23 897	+03.5 02+33.3 19:01.3	11 1084 191		
33	TR046049018 .18NM 360 ✓		62500M N 31 38.62 W113 46.98	231 T 220 M 33R °	.71 -64C 267/012	400 T 125 C 392 G	3 900	+00.5 02+33.7 19:01.7	1 1083 191		
34	none .ROLLOUT		62500M N 31 38.60 W113 46.98	225 T 215 M °	.71 -64C 267/012	400 T 125 C 392 G	23 922	+03.5 02+37.2 19:05.2	11 1072 191		
35	TR046049015 .15NM 360 ✓		62500M N 31 36.66 W113 49.64	231 T 220 M 33R °	.71 -64C 267/013	400 T 125 C 391 G	3 925	+00.5 02+37.6 19:05.6	1 1071 190		CLR
35	none .ROLLOUT		62500M N 31 36.64 W113 49.64	227 T 216 M °	.71 -64C 267/013	400 T 125 C 392 G	23 948	+03.5 02+41.1 19:09.1	11 1060 190		-64°C 225/20
37	TR046049012 .12NM 360 ✓		62500M N 31 34.69 W113 52.29	231 T 220 M 33R °	.71 -64C 267/013	400 T 125 C 391 G	3 951	+00.5 02+41.5 19:09.5	1 1059 190	1909.7	
38	none .ROLLOUT		62500M N 31 34.67 W113 52.29	226 T 215 M °	.71 -64C 267/013	400 T 125 C 392 G	23 974	+03.5 02+45.0 19:13.0	11 1048 189		
39	.9NM 360 ✓		62500M N 31 32.72 W113 54.95	231 T 220 M 33R °	.71 -64C 267/013	400 T 125 C 391 G	3 977	+00.5 02+45.4 19:13.4	1 1047 189	1913.6 -90	
40	none .ROLLOUT		62500M N 31 32.70 W113 54.95	226 T 216 M °	.71 -64C 267/013	400 T 125 C 392 G	23 999	+03.5 02+48.9 19:16.9	11 1036 189		
41	TR046049006 .6NM 360 ✓		62500M N 31 30.75 W113 57.60	231 T 220 M 33R °	.71 -64C 267/012	400 T 125 C 392 G	3 1002	+00.5 02+49.3 19:17.3	1 1035 189	1917.8 -90	
42	none .ROLLOUT		62500M N 31 30.73 W113 57.60	226 T 215 M °	.71 -64C 267/011	400 T 125 C 393 G	23 1025	+03.5 02+52.8 19:20.8	11 1024 188		
43	TR046049003 .3NM 360 ✓		62500M N 31 28.78 W114 00.25	231 T 220 M 33R °	.71 -64C 267/011	400 T 125 C 392 G	3 1028	+00.5 02+53.2 19:21.2	1 1023 188	1922 -90	
44	none .ROLLOUT		62500M N 31 28.76 W114 00.25	226 T 216 M °	.71 -64C 268/011	400 T 125 C 393 G	23 1050	+03.5 02+56.7 19:24.7	11 1012 188		
45	SD3/L .0NM 360		62500M N 31 26.80 W114 02.90	230 T 220 M 33R °	.71 -64C 268/011	400 T 125 C 392 G	3 1053	+00.5 02+57.1 19:25.1	1 1011 188		
46	PPE/E270032 TP46 .ROLLOUT	114.90 096X	62500M N 31 28.36 W113 54.37	119 T 109 M 20 °	.71 -64C 267/011	400 T 125 C 411 G	25 1078	+03.6 03+00.7 19:28.7	11 1000 188		
47	PPE/E322016 TP47 .TP	114.90 096X	62500M N 31 36.81 W113 26.49	064 T 053 M 20 °	.71 -64C 265/011	400 T 125 C 410 G	26 1104	+03.8 03+04.6 19:32.5	12 988 187		
21 27	PPE/E310029 .27NM 360 ✓	114.90 096X	62500M N 31 44.52 W113 39.00	233 T 222 M 33R °	.71 -64C 263/011	400 T 125 C 392 G	27 1130	+04.1 03+08.6 19:36.6	13 975 187	1936	06-ON 1937
49	none .ROLLOUT		62500M N 31 44.50 W113 39.00	228 T 217 M °	.71 -64C 264/011	400 T 125 C 393 G	23 1153	+03.5 03+12.1 19:40.1	11 964 186		

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50	TR046049024 .24NM 360 ✓		62500M N 31 42.56 W113 41.66	231 T 220 M 33R °	.71 -64C 264/011	400 T 125 C 392 G	3 1156	+00.5 03+12.5 19:40.5	1 963 186		
51	none .ROLLOUT		62500M N 31 42.54 W113 41.66	226 T 216 M °	.71 -64C 264/011	400 T 125 C 393 G	23 1179	+03.5 03+16.0 19:44.0	11 952 186		
52	TR043049021 .21NM 360 ✓		62500M N 31 40.59 W113 44.32	231 T 220 M 33R °	.71 -64C 264/011	400 T 125 C 392 G	3 1182	+00.5 03+16.4 19:44.4	1 951 185		
53	none .ROLLOUT		62500M N 31 40.57 W113 44.32	225 T 215 M °	.71 -64C 265/011	400 T 125 C 393 G	23 1204	+03.5 03+19.9 19:47.9	11 940 185		
54	TR046049018 .18NM 360 ✓		62500M N 31 38.62 W113 46.98	231 T 220 M 33R °	.71 -64C 265/011	400 T 125 C 392 G	3 1207	+00.5 03+20.3 19:48.3	1 939 ⁹⁰ 185	1948.0 849	
55	none .ROLLOUT		62500M N 31 38.60 W113 46.98	225 T 215 M °	.71 -64C 265/011	400 T 125 C 393 G	23 1230	+03.5 03+23.8 19:51.8	11 928 185		
56	TR046049015 .15NM 360 ✓		62500M N 31 36.66 W113 49.64	231 T 220 M 33R °	.71 -64C 265/011	400 T 125 C 392 G	3 1233	+00.5 03+24.2 19:52.2	1 927 184	1952	
57	none .ROLLOUT		62500M N 31 36.64 W113 49.64	226 T 216 M °	.71 -64C 266/011	400 T 125 C 393 G	23 1255	+03.5 03+27.7 19:55.7	11 916 184		
58	TR046049012 .12NM 360 ✓		62500M N 31 34.69 W113 52.29	230 T 220 M 33R °	.71 -64C 266/011	400 T 125 C 392 G	3 1258	+00.5 03+28.1 19:56.1	1 915 184	1956.3 -90	
59	none .ROLLOUT		62500M N 31 34.67 W113 52.29	225 T 215 M °	.71 -64C 266/011	400 T 125 C 393 G	23 1281	+03.5 03+31.6 19:59.6	11 904 184		
60	.9NM 360 ✓		62500M N 31 32.72 W113 54.95	231 T 220 M 33R °	.71 -64C 266/011	400 T 125 C 392 G	3 1284	+00.5 03+32.0 20:00.0	1 903 184	2000.3	
61	none .ROLLOUT		62500M N 31 32.70 W113 54.95	226 T 216 M °	.71 -64C 267/011	400 T 125 C 393 G	23 1306	+03.5 03+35.5 20:03.5	11 892 183		
62	TR046049006 .6NM 360 ✓		62500M N 31 30.75 W113 57.60	231 T 220 M 33R °	.71 -64C 267/011	400 T 125 C 392 G	3 1309	+00.5 03+35.9 20:03.9	1 891 183	2004	
63	none .ROLLOUT		62500M N 31 30.73 W113 57.60	226 T 215 M °	.71 -64C 267/011	400 T 125 C 393 G	23 1332	+03.5 03+39.4 20:07.4	10 881 183		
64	TR046049003 .3NM 360 ✓		62500M N 31 28.78 W114 00.25	231 T 220 M 33R °	.71 -64C 267/011	400 T 125 C 392 G	3 1335	+00.5 03+39.8 20:07.8	1 880 183	2008.6 -90	
65	none .ROLLOUT		62500M N 31 28.76 W114 00.25	226 T 216 M °	.71 -64C 268/011	400 T 125 C 393 G	23 1357	+03.5 03+43.3 20:11.3	10 870 182		
65	SD3/L .0NM 360		62500M N 31 26.80 W114 02.90	230 T 220 M 33R °	.71 -64C 268/011	400 T 125 C 392 G	3 1360	+00.5 03+43.7 20:11.7	1 869 182		
67	PPE/E265039 TP67 .ROLLOUT	114.90 096X	62500M N 31 26.78 W114 02.90	225 T 215 M 20 °	.71 -64C 268/012	400 T 125 C 393 G	23 1383	+03.5 03+47.2 20:15.2	10 859 182		
68	PPE/E250048 TP68 .TP	114.90 096X	64733M N 31 15.49 W114 14.09	222 T 211 M 20 °	N/A -65C 269/012	N/A T N/A C N/A G	15 1398	+02.3 03+49.5 20:17.5	13 846 341	2018 -100	

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	.level off		65000M N 31 14.31 W114 15.66	237 T 227 M 20 °	N/A -65C 271/012	N/A T N/A C N/A G	2 1400	+00.3 03+49.8 20:17.8	2 844 341		
69 NPPST	PPE/E256060 NPP START	114.90 096X	65000M N 31 19.90 W114 27.83	337 T 326 M °	.71 -65C 271/012	400 T 118 C 393 G	14 1414	+02.2 03+51.9 20:19.9	6 838 167	2020.3 -100	Q6-ON 2021
70 KZLA	BZA/R240013 .KZLA	116.80 115X	65000M N 32 42.56 W114 50.58	345 T 335 M 20 °	.71 -63C 269/011	400 T 117 C 396 G	85 1498	+12.9 04+04.8 20:32.8	36 802 166		
71 NPPM	BZA/R277015 .NPP MID	116.80 115X	65000M N 32 51.69 W114 53.29	345 T 334 M °	.70 -63C 266/010	395 T 116 C 391 G	9 1508	+01.4 04+06.2 20:34.2	4 798 165		HF ✓ good 8.843 UV
72 NPPFX	TNP/R037028 .NPP END	114.20 089X	65000M N 34 23.92 W115 19.74	345 T 335 M 20 °	.70 -62C 266/009	396 T 116 C 393 G	95 1602	+14.5 04+20.7 20:48.7	40 758 164	-100	Q6 OFF 2048
73 TP73	BLD/R118041 .TP	116.70 114X	65000M N 35 31.49 W114 14.44	039 T 028 M 20 °	.70 -62C 257/007	396 T 116 C 401 G	87 1689	+13.0 04+33.7 21:01.7	35 723 162		
74 RL_SW	BLD/R108042 .RL_SW	116.70 114X	65000M N 35 36.53 W114 08.44	044 T 033 M 20 °	.70 -62C 245/007	396 T 116 C 402 G	7 1696	+01.1 04+34.7 21:02.7	3 720 161		Q6-ON 2102
75 RedLK	BLD/R102044 .RedLK	116.70 114X	65000M N 35 39.41 W114 03.91	053 T 041 M 20 °	.70 -62C 244/007	396 T 116 C 403 G	5 1701	+00.7 04+35.4 21:03.4	2 718 161		NO GPS SIGNAL
76 RL_NE	BLD/R096047 .RL_NE	116.70 114X	65000M N 35 43.02 W113 58.25	052 T 040 M 20 °	.70 -62C 243/008	396 T 116 C 403 G	6 1707	+00.9 04+36.3 21:04.3	2 716 161		1.7nm S error
77 TP77	BLD/R082045 .TP	116.70 114X	65000M N 35 54.07 W113 56.92	345 T 333 M 20R °	.70 -62C 241/008	396 T 116 C 397 G	12 1719	+01.8 04+38.1 21:06.1	5 711 161		
78 RL_NE	BLD/R096047 .RL_NE	116.70 114X	65000M N 35 43.02 W113 58.25	236 T 225 M 20 °	.70 -62C 241/008	396 T 116 C 389 G	40 1759	+06.2 04+44.3 21:12.3	17 694 160		Q6-ON 2111
79 RedLK	BLD/R102044 .RedLK	116.70 114X	65000M N 35 39.41 W114 03.91	232 T 221 M 20 °	.70 -62C 243/008	396 T 116 C 389 G	6 1765	+00.9 04+45.2 21:13.2	2 692 160		HDS mode
80 RL_SW	BLD/R108042 .RL_SW	116.70 114X	65000M N 35 36.53 W114 08.44	233 T 221 M 20 °	.70 -62C 244/007	396 T 116 C 389 G	5 1770	+00.7 04+46.0 21:13.9	2 690 160		
81 TP81	GFS/R328006 .TP	114.40 091X	65000M N 35 14.03 W115 12.94	248 T 236 M 20 °	.70 -62C 250/007	396 T 116 C 390 G	57 1827	+08.8 04+54.8 21:22.8	23 667 159	2122 -100	
82 IVNS	LAS/R182040 .IVAN SOUTH	116.90 116X	65000M N 35 26.04 W115 23.70	359 T 347 M 20 °	.70 -62C 259/006	396 T 116 C 396 G	19 1846	+02.8 04+57.6 21:25.6	7 660 159	2123	INS drift 2nm SE
83 IVNN	LAS/R192025 .IVAN NORTH	116.90 116X	65000M N 35 42.24 W115 23.70	359 T 348 M 20 °	.70 -62C 260/005	396 T 116 C 396 G	16 1862	+02.5 05+00.0 21:28.0	6 654 158		
84 TP12	LAS/R219025 .TP	116.90 116X	65000M N 35 50.16 W115 34.41	293 T 282 M 20R °	.70 -62C 261/005	396 T 116 C 392 G	13 1875	+02.0 05+02.0 21:30.0	5 649 158		
85 IVNN	LAS/R192025 .IVAN NORTH	116.90 116X	65000M N 35 42.24 W115 23.70	181 T 169 M 20 °	.70 -62C 261/005	396 T 116 C 396 G	41 1915	+06.2 05+08.2 21:36.1	16 633 157	2133	
86 TGT	LAS/R186033 .TGT	116.90 116X	65000M N 35 34.14 W115 23.70	181 T 169 M 20 °	.70 -62C 259/005	396 T 116 C 396 G	8 1923	+01.2 05+09.4 21:37.4	3 630 157		

ER-2 MISSION PLAN (COMPUTER GENERATED)

DATE CREATED: 3/27/2017

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
87 IVNS	LAS/R182040 .IVAN SOUTH	116.90 116X	65000M N 35 26.04 W115 23.70	181 T 169 M 20 °	.70 -62C 260/006	396 T 116 C 396 G	8 1932	+01.2 05+10.6 21:38.6	3 627 157	2144	2.6 nm XTK
88	LAS/R188052 .TP	116.90 116X	65000M N 35 17.12 W115 34.24	238 T 227 M 20L °	.70 -62C 265/006	396 T 116 C 392 G	13 1945	+02.0 05+12.6 21:40.6	5 622 157	-----	
89 IVNS	LAS/R182040 .IVAN SOUTH	116.90 116X	65000M N 35 26.04 W115 23.70	355 T 343 M 20 °	.70 -62C 265/006	396 T 116 C 395 G	40 1985	+06.1 05+18.7 21:46.7	16 606 156	2144	
90 IVNN	LAS/R192025 .IVAN NORTH	116.90 116X	65000M N 35 42.24 W115 23.70	359 T 348 M 20 °	.70 -62C 260/005	396 T 116 C 396 G	16 2001	+02.5 05+21.2 21:49.2	6 600 156	-----	
91	LAS/R219025 .TP	116.90 116X	65000M N 35 50.16 W115 34.41	293 T 282 M 20R °	.70 -62C 261/005	396 T 116 C 392 G	13 2014	+02.0 05+23.1 21:51.1	5 595 155	-----	
92 IVNN	LAS/R192025 .IVAN NORTH	116.90 116X	65000M N 35 42.24 W115 23.70	181 T 169 M 20 °	.70 -62C 261/005	396 T 116 C 396 G	41 2055	+06.2 05+29.3 21:57.3	16 579 155	2153	
93 IVNS	LAS/R182040 .IVAN SOUTH	116.90 116X	65000M N 35 26.04 W115 23.70	181 T 169 M 20 °	.70 -62C 260/005	396 T 116 C 396 G	16 2071	+02.5 05+31.7 21:59.7	6 573 154	-----	
94	LAS/R188052 .TP	116.90 116X	65000M N 35 17.12 W115 34.24	238 T 227 M 20L °	.70 -62C 265/006	396 T 116 C 392 G	13 2084	+02.0 05+33.7 22:01.7	5 568 154	-----	
95 IVNS	LAS/R182040 .IVAN SOUTH	116.90 116X	65000M N 35 26.04 W115 23.70	355 T 343 M 20 °	.70 -62C 265/006	396 T 116 C 395 G	40 2124	+06.1 05+39.9 22:07.9	16 552 154	2203	
96 IVNN	LAS/R192025 .IVAN NORTH	116.90 116X	65000M N 35 42.24 W115 23.70	359 T 348 M 20 °	.70 -62C 260/005	396 T 116 C 396 G	16 2140	+02.5 05+42.3 22:10.3	6 546 153	-----	
97	HEINY/W HEINY		65000M N 35 51.50 W116 33.00	274 T 262 M 20 °	.70 -62C 267/006	396 T 116 C 390 G	60 2200	+09.3 05+51.6 22:19.6	23 523 152	-----	
	.descent pt		65000M N 35 49.24 W117 06.29	265 T 253 M °	.70 -62C 267/006	396 T 116 C 390 G	27 2228	+04.2 05+55.8 22:23.7	11 512 152	-----	
98	TRONA .TRONA		59829M N 35 48.46 W117 16.97	266 T 254 M 20 °	N/A -63C 277/008	N/A T N/A C N/A G	9 2236	+02.1 05+57.8 22:25.8	5 507 150	-----	
99	TRON2 .TRONA		51002M N 35 36.37 W117 26.19	198 T 186 M 20 °	N/A -63C 280/009	N/A T N/A C N/A G	15 2252	+03.5 06+01.3 22:29.3	9 498 150	-----	
100	MHV .2515		23095M N 35 05.85 W118 08.44	238 T 226 M 20 °	N/A -37C 280/011	N/A T N/A C N/A G	46 2298	+11.1 06+12.4 22:40.4	28 470 150	-----	
101 ROSIE	ROSIE/W ROSIE		15352M N 34 51.15 W118 12.39	175 T 163 M 20 °	N/A -22C 279/012	N/A T N/A C N/A G	16 2314	+03.1 06+15.5 22:43.4	8 462 150	-----	
102 FORDA	FORDA/W FORDA		4500M N 34 38.37 W117 57.04	118 T 106 M 20 °	N/A +8C 330/007	N/A T N/A C N/A G	19 2332	+06.6 06+22.1 22:50.1	17 445 150	-----	
103 KPMD	KPMD/A PALMDALE USAF		2543M N 34 37.76 W118 05.07	267 T 255 M 22 °	N/A +14C 028/009	T C G	7 2339	+05.0 06+27.1 22:55.1	50 395	-----	

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