



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: 1253 | | Glide | | | | | | | | |
| Land Time (Z): 19:04:50 | | Fuel Used: 703 | | Min Sink | | | | | | 2 | | |
| Sched Duration : 03+04+50 | | Fuel On Board: 05+22+42 | | NF "T" | | | | | | 3 Mobile | | |
| | | | | Flap "T" | | | | | | 4 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 ° | +30C 205/001 | T C G | 0 0 | +03.0 +03.0 16:00.0 | 50 1203 | ----- | | |
| | .level off | | 17500M N 34 42.37 W118 07.61 | 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 | 62 1141 1684 | ----- | | |
| 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 | +02.6 +07.8 16:07.8 | 12 1129 263 | ----- | | |
| 3 | .TP | | 53436M N 35 50.00 W118 15.49 | 359 T 347 M 20 ° | N/A -63C 089/018 | N/A T N/A C N/A G | 59 74 | +11.8 +19.6 16:19.6 | 113 1016 580 | ----- | | |
| 4 | ROSIE/W ROSIE | | 64420M N 34 51.15 W118 12.39 | 181 T 169 M 20 ° | N/A -63C 079/028 | N/A T N/A C N/A G | 70 145 | +16.2 +35.8 16:35.8 | 67 949 196 | ----- | | |
| | .level off | | 65000M N 34 40.21 W117 56.73 | 126 T 114 M ° | N/A -63C 080/027 | N/A T N/A C N/A G | 17 162 | +04.1 +39.9 16:39.9 | 16 933 196 | ----- | | |
| 5 | .TP | | 65000M N 34 15.14 W117 15.60 | 124 T 112 M 20 ° | .70 -63C 080/027 | 395 T 116 C 372 G | 42 204 | +06.8 +46.7 16:46.7 | 19 914 166 | ----- | | |
| 6 | PDZ/R047007 .N3 ON | 112.20 059X | 65000M N 33 58.19 W117 24.68 | 225 T 213 M 20 ° | .70 -63C 080/027 | 395 T 116 C 414 G | 22 226 | +03.2 +49.9 16:49.9 | 9 905 166 | ----- | | |
| 7 | SLI/R173014 .SEA_PRISM | 115.70 104X | 65000M N 33 33.05 W118 05.53 | 231 T 220 M 20 ° | .70 -64C 080/027 | 395 T 116 C 416 G | 42 268 | +06.1 +56.0 16:56.0 | 17 888 165 | ----- | | |
| 8 | TR007234043 .N3 OFF/N4 ON | | 65000M N 33 07.61 W118 46.96 | 232 T 220 M 20 ° | .70 -64C 080/026 | 395 T 116 C 415 G | 43 311 | +06.2 01+02.2 17:02.2 | 17 871 164 | ----- | | |
| 9 | .N4 OFF/ON | 111.40 051X | 65000M N 32 06.48 W120 15.63 | 229 T 217 M 20 ° | .70 -64C 080/026 | 394 T 116 C 413 G | 97 408 | +14.0 01+16.2 17:16.2 | 38 833 163 | ----- | | |
| 10 | GVO/R191236 .N4 OFF | 113.80 085X | 65000M N 31 00.15 W122 09.24 | 234 T 222 M 20 ° | .70 -65C 077/026 | 393 T 116 C 415 G | 117 525 | +17.0 01+33.2 17:33.2 | 46 787 161 | ----- | | |
| 11 | SXC/R216238 .N4 ON | 111.40 051X | 65000M N 30 48.57 W121 59.15 | 092 T 080 M 20 ° | .70 -65C 076/027 | 393 T 116 C 366 G | 21 546 | +03.4 01+36.6 17:36.6 | 9 778 159 | ----- | | |
| 12 | SXC/R199176 .N4 OFF/ON | 111.40 051X | 65000M N 30 55.32 W120 19.08 | 085 T 073 M 20 ° | .70 -65C 076/027 | 393 T 116 C 367 G | 86 633 | +14.2 01+50.8 17:50.8 | 37 741 158 | ----- | | |
| 13 | PGY/R206120 .N4 OFF/ON | 109.80 035X | 65000M N 31 04.28 W118 28.58 | 084 T 073 M 20 ° | .70 -65C 077/027 | 394 T 116 C 367 G | 94 727 | +15.4 02+06.2 18:06.2 | 40 701 157 | ----- | | |

| 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 | TR015181044 .N3 ON | 111.40 051X | 65000M N 33 08.88 W118 24.26 | 006 T 354 M 20 ° | .70 -64C 078/026 | 395 T 116 C 393 G | 123 850 | +18.8 02+25.0 18:25.0 | 48 653 154 | ----- | |
| 15 | PTN1_7/L .EL_SEGUNDO | | 65000M N 33 52.95 W118 23.34 | 005 T 353 M 20 ° | .70 -64C 081/026 | 395 T 116 C 395 G | 44 894 | +06.7 02+31.7 18:31.7 | 17 636 153 | ----- | |
| 16 | LHS/R097011 .N3 OFF | 108.40 021X | 65000M N 34 36.95 W118 22.30 | 005 T 353 M 20 ° | .70 -63C 082/026 | 395 T 116 C 396 G | 44 938 | +06.7 02+38.4 18:38.4 | 17 619 152 | ----- | |
| | .descent pt | | 65000M N 34 44.15 W118 17.96 | 037 T 024 M ° | .70 -63C 082/026 | 395 T 116 C 382 G | 8 946 | +01.3 02+39.7 18:39.7 | 3 616 152 | ----- | |
| 17 | ROSIE/W ROSIE | | 59947M N 34 51.15 W118 12.39 | 038 T 026 M 20 ° | N/A -63C 083/026 | N/A T N/A C N/A G | 8 955 | +02.0 02+41.7 18:41.7 | 5 611 150 | ----- | |
| 18 | | | 44037M N 35 15.46 W117 58.84 | 029 T 016 M 20 ° | N/A -63C 083/025 | N/A T N/A C N/A G | 27 981 | +06.3 02+48.0 18:48.0 | 16 595 150 | ----- | |
| 19 | ROSIE/W ROSIE | | 15029M N 34 51.15 W118 12.39 | 180 T 167 M 20 ° | N/A -21C 083/025 | N/A T N/A C N/A G | 49 1031 | +11.5 02+59.5 18:59.5 | 29 566 150 | ----- | |
| 20 | FORDA/W FORDA | | 4500M N 34 38.37 W117 57.04 | 128 T 116 M 20 ° | N/A +25C 084/011 | N/A T N/A C N/A G | 18 1049 | +02.4 03+01.8 19:01.8 | 6 560 150 | ----- | |
| 21 | KPMD/A PALMDALE USAF | | 2543M N 34 37.76 W118 05.07 | 265 T 253 M 20 ° | | T C G | 7 1056 | +03.0 03+04.8 19:04.8 | 10 550 | ----- | |