# FLIGHT SUMMARY REPORT

**Flight Number:** 01-097

**Calendar/Julian Date:** 21 June 2001 • 172

**Sensor Package:** Wild-Heerbrugg RC-10
Hycon HR-732
Airborne Multi-angle Spectro Radiometer (AirMISR)

**Area(s) Covered:** Nevada

**Investigator(s):** Bruegge/Conel, JPL **Aircraft #:** 809

## SENSOR DATA

| | | | |
|---|---|---|---|
| **Accession #:** | 05618 | 05619 | ----- |
| **Sensor ID #:** | 035 | 009 | 120 |
| **Sensor Type:** | RC-10 | HR-732 | AirMISR |
| **Focal Length:** | 6”<br>153.46 mm | 24"<br>609 mm | ----- |
| **Film Type:** | Aerochrome IR<br>SO-134 | Aerochrome IR<br>SO-134 | ----- |
| **Filtration:** | Clear + AV 2.2 | Wratten 12 | ----- |
| **Spectral Band:** | 400-900nm | 510-900nm | ----- |
| **f Stop:** | 8 | 22 | ----- |
| **Shutter Speed:** | 1/325 | 1/250 | ----- |
| **# of Frames:** | 12 | 65 | ----- |
| **% Overlap:** | 60 | 60 | ----- |
| **Quality:** | Poor | Fair | ----- |
| **Remarks:** | Incorrect filter used; add 3 seconds for correct UTC | Add 7 seconds for correct UTC | |

# CAMERA FLIGHT LINE DATA
# FLIGHT NO. 01-097

**Accession #** 05618

**Sensor #** 035

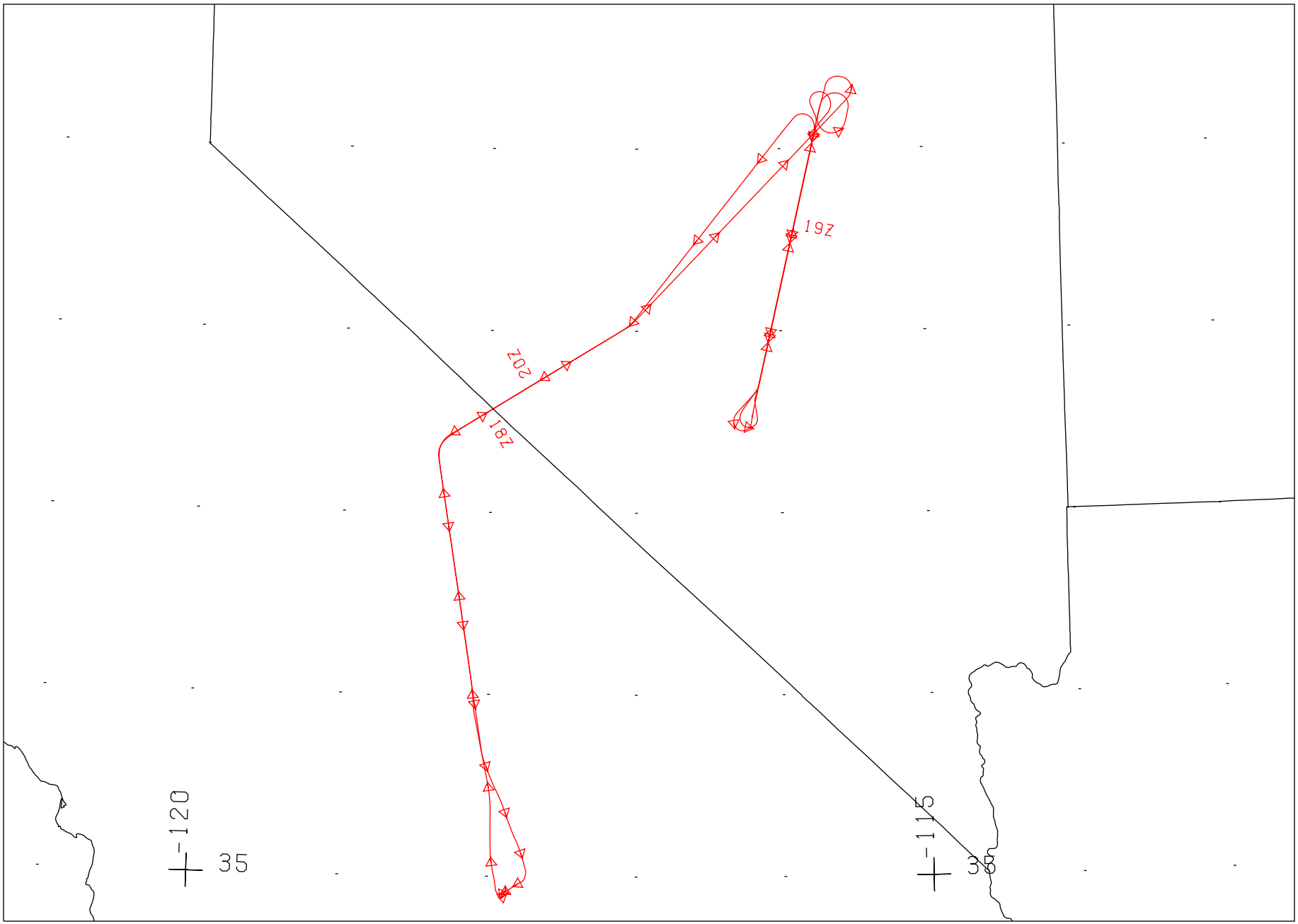
| Check Points | Frame Numbers | Time (GMT-hr, min, sec) | | Altitude, MSL feet/meters | Cloud Cover/Remarks |
|---|---|---|---|---|---|
| | | START | END | | |
| A - B | 2363-2367 | 18:18:50 | 18:22:28 | 65100/19850 | Clear<br>Shutter malfunction, no data acquired for frame 2368 |
| D - E | 2369-2370 | 19:21:00 | 19:21:54 | 65200/19880 | Clear |
| F - G | 2371-2372 | 19:22:49 | 19:23:43 | 65000/19820 | Clear |
| G | 2373-2374 | 19:24:37 | 19:25:31 | 64500/19660 | Clear; oblique frames acquired in turn |
| G - E | 2375 | 19:26:25 | 19:26:25 | 63900/19480 | Clear |

# CAMERA FLIGHT LINE DATA
# FLIGHT NO. 01-097

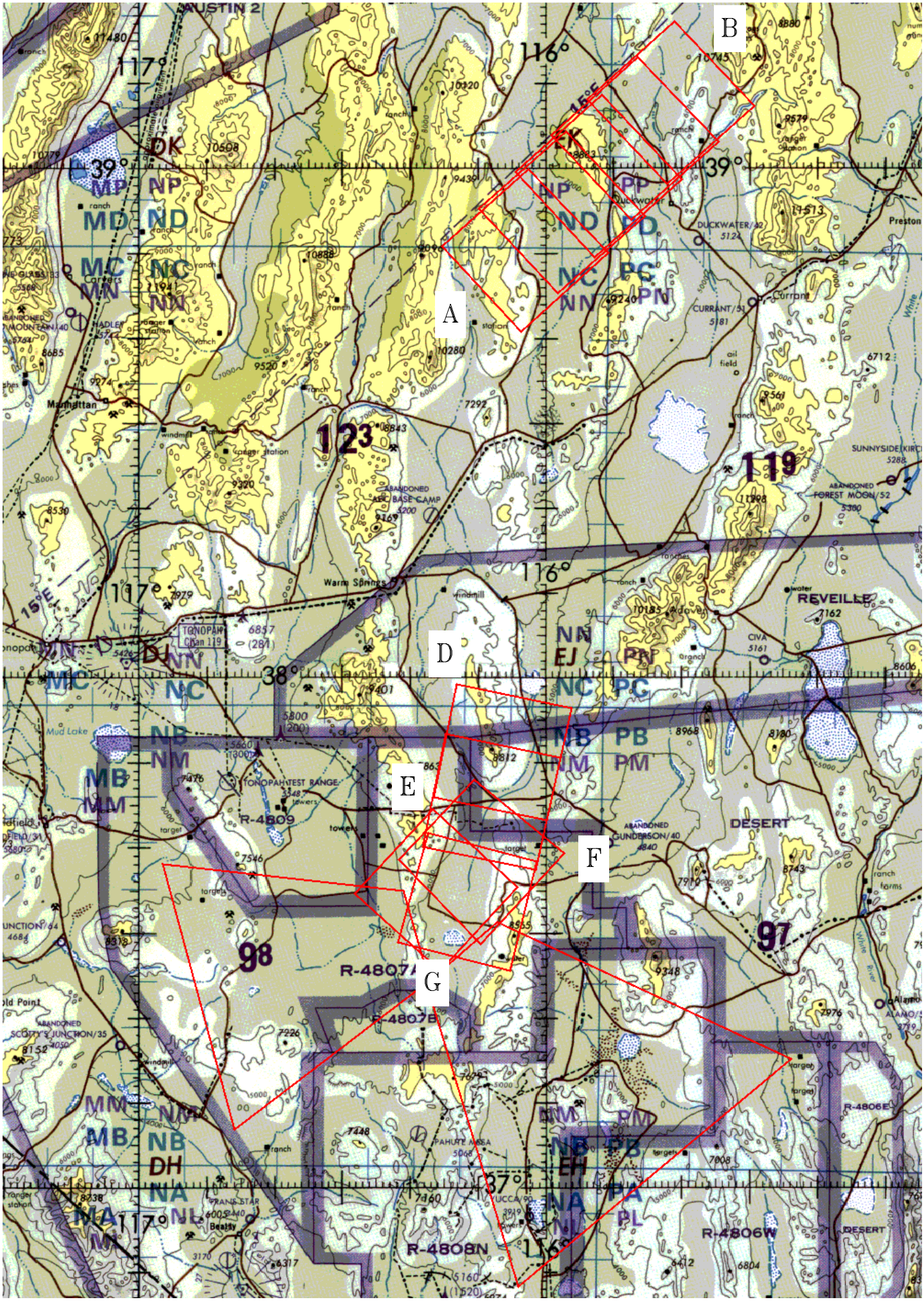
**Accession #** 05619

**Sensor #** 009

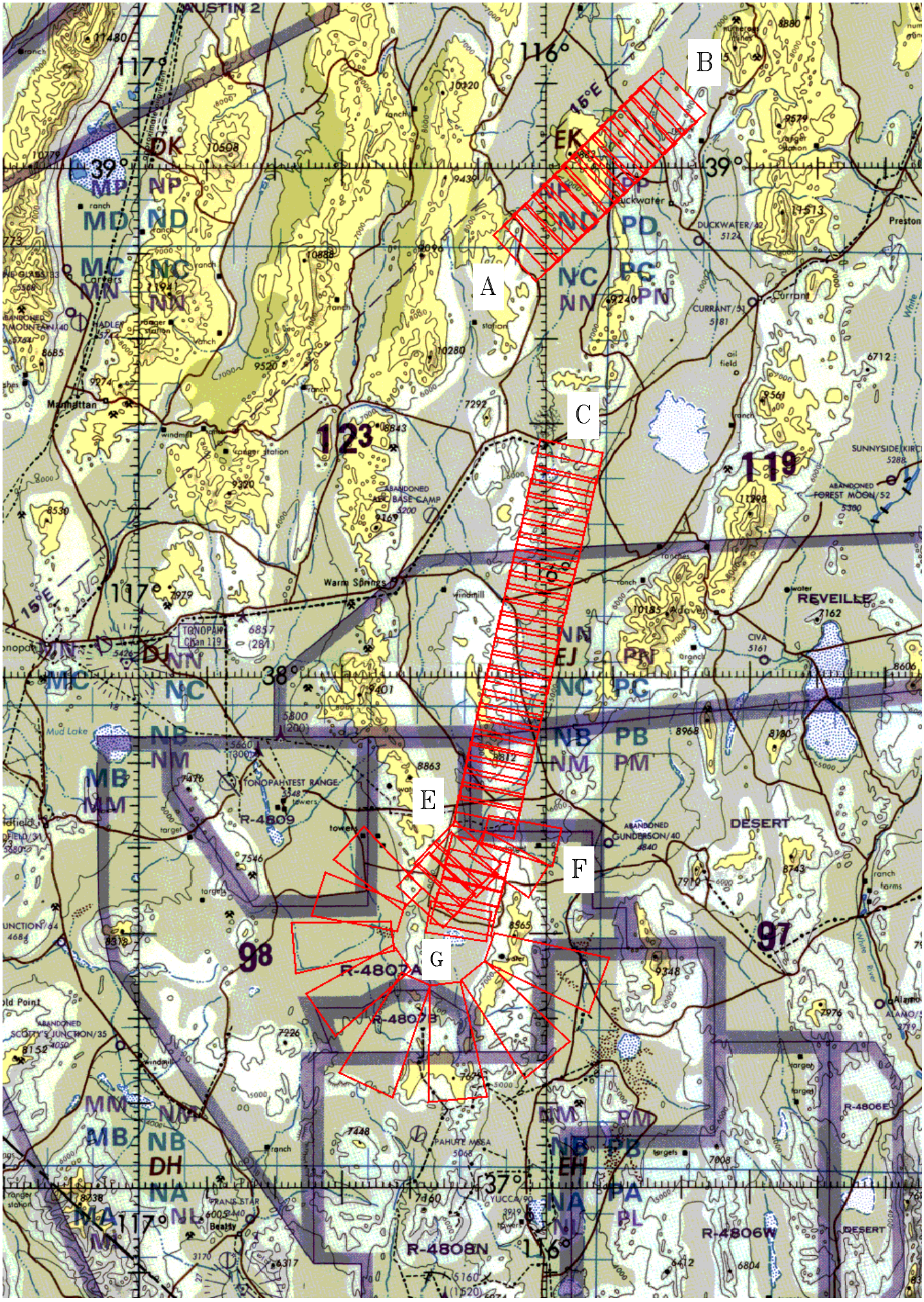
| Check Points | Frame Numbers | Time (GMT-hr, min, sec) | | Altitude, MSL feet/meters | Cloud Cover/Remarks |
|---|---|---|---|---|---|
| | | START | END | | |
| A - B | 0001-0016 | 18:18:49 | 18:22:27 | 65100/19850 | Clear |
| C - E | 0017-0044 | 19:15:36 | 19:22:05 | 65300/19910 | Clear |
| F | 0045-0046 | 19:22:19 | 19:22:34 | 65000/19820 | Clear; oblique frames |
| F - G | 0047-0051 | 19:22:48 | 19:23:46 | 65000/19820 | Clear |
| G | 0052-0059 | 19:24:00 | 19:25:41 | 64600/19700 | Clear; oblique frames acquired in turn |
| G - E | 0060-0065 | 19:25:56 | 19:27:08 | 64000/19510 | Clear |




FLIGHT 01-097 21 JUNE 2001 A/C 809 AIRMISR / RC-10



A
B
D
E
F
G
AUSTIN 2
117°
116°
39°
38°
37°
123
119
98
97
DK
EK
MP
NP
MD
ND
MC
NC
MN
NN
PP
PD
PC
PN
DJ
EJ
NB
NM
MB
MM
PB
PM
DH
NA
NL
EH
PA
PL
Manhattan
Warm Springs
Duckwater
Currant
Preston
REVEILLE
DESERT
TONOPAH Chan 119
TONOPAH TEST RANGE
R-4809
R-4807A
R-4807B
R-4808N
R-4806W
R-4806E
Mud Lake
White River



A
B
C
E
F
G
AUSTIN 2
117°
116°
39°
38°
37°
15°E
123
119
98
97
DK
EK
MP
NP
MD
ND
MC
NC
MN
NN
PP
PD
PC
PN
DJ
EJ
NB
NM
MB
MM
PB
PM
DH
NA
NL
EH
PA
PL
Manhattan
Warm Springs
Duckwater
Currant
Preston
REVEILLE
DESERT
TONOPAH Chan 119
TONOPAH TEST RANGE
R-4809
R-4807A
R-4807B
R-4808N
R-4806W
R-4806E
Mud Lake
ABANDONED MC BASE CAMP
ABANDONED FOREST MOON/52
ABANDONED GUNDERSON/40
ABANDONED SCOTTY'S JUNCTION/35
PAHUTE MESA
YUCCA/90
FRANS STAR
Beatty
DUCKWATER/42
CURRANT/51
SUNNYSIDE(KIRC
CIVA
Adover
White River