## FLIGHT SUMMARY REPORT

| | |
|---|---|
| **Flight Number:** | 01-092 |
| **Calendar/Julian Date:** | 27 June 2001 • 178 |
| **Sensor Package:** | Wild-Heerbrugg RC-10<br>Airborne Visible and Infrared Imaging Spectrometer (AVIRIS)<br>Airborne Multi-angle Spectro Radiometer (AirMISR) |
| **Area(s) Covered:** | Santa Monica, CA/Sierra Nevada |
| **Investigator(s):** | Lee, CSU Long Beach; Dozier, UCSB |
| **Aircraft #:** | 806 |

## SENSOR DATA

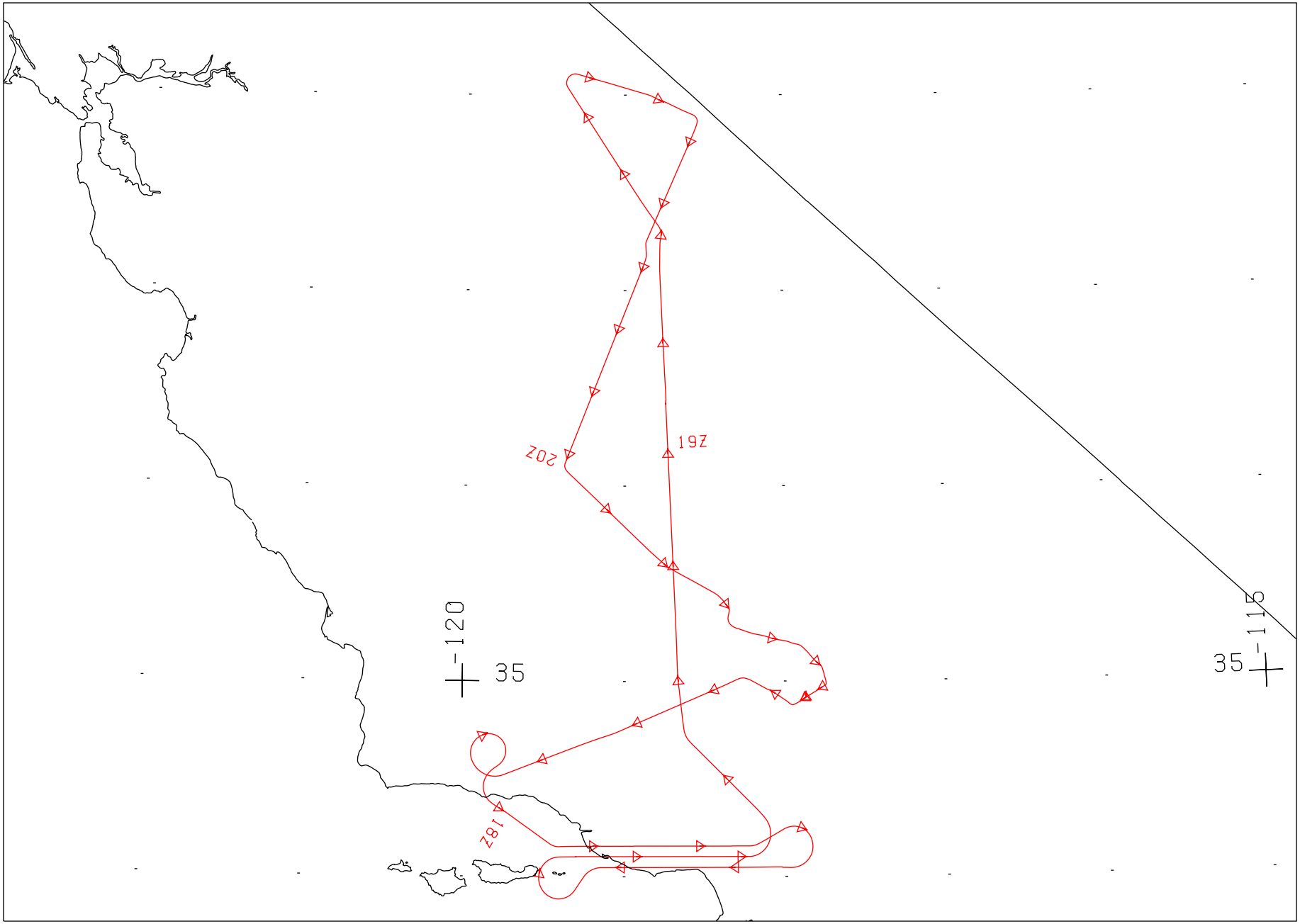
| | | | |
|---|---|---|---|
| **Accession #:** | 05620 | ----- | ----- |
| **Sensor ID #:** | 076 | 099 | 120 |
| **Sensor Type:** | RC-10 | AVIRIS | AirMISR |
| **Focal Length:** | 12”<br>304.89 mm | ----- | ----- |
| **Film Type:** | Aerochrome IR<br>SO-134 | ----- | ----- |
| **Filtration:** | Wratten 12 | ----- | ----- |
| **Spectral Band:** | 510-900nm | ----- | ----- |
| **f Stop:** | 11 | ----- | ----- |
| **Shutter Speed:** | 1/350 | ----- | ----- |
| **# of Frames:** | 122 | ----- | ----- |
| **% Overlap:** | 60 | ----- | ----- |
| **Quality:** | Excellent | ----- | ----- |
| **Remarks:** | Subtract 8 seconds for correct UTC | | |

# CAMERA FLIGHT LINE DATA
# FLIGHT NO. 01-092

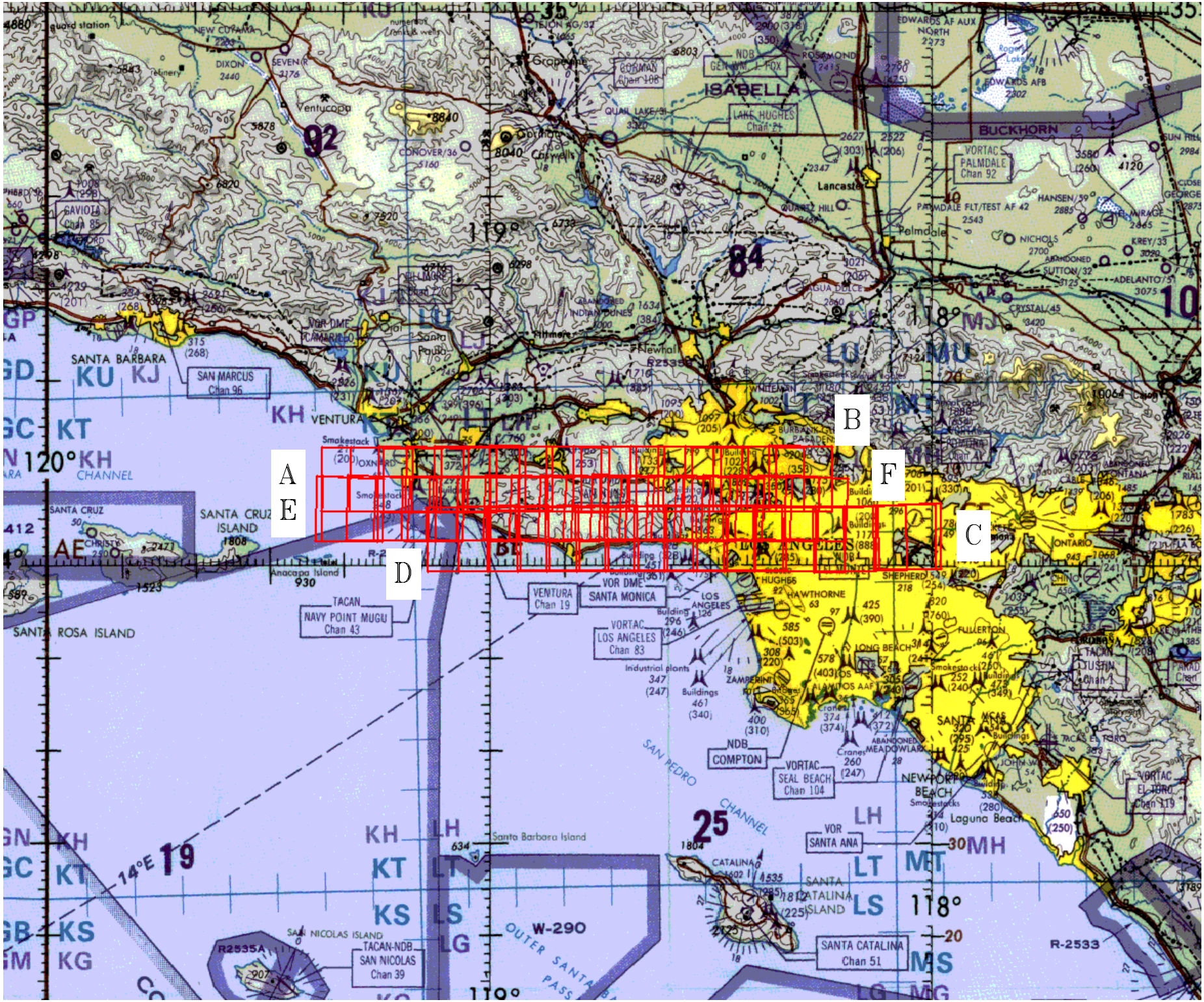
**Accession #** 05620

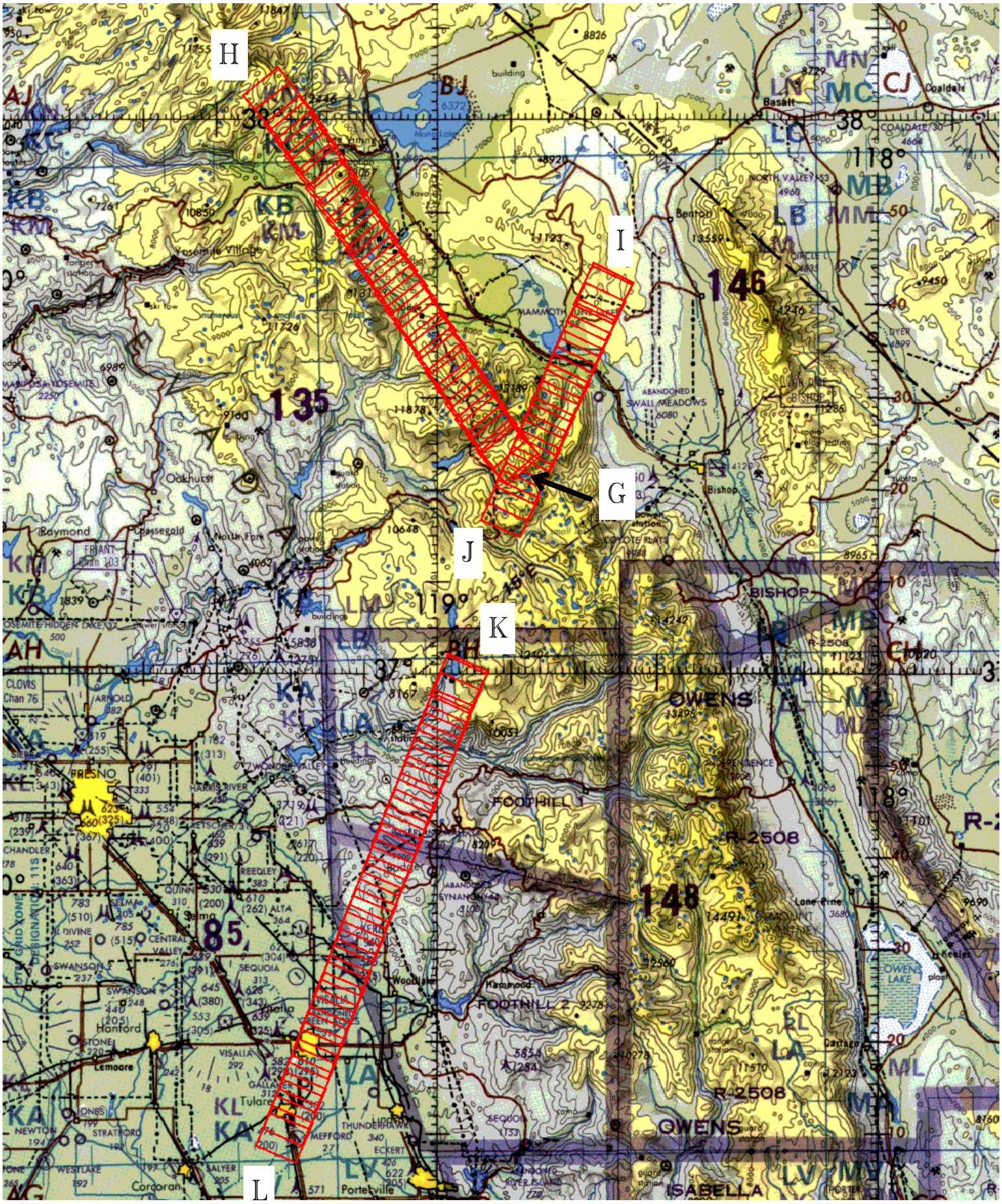
**Sensor #** 076

| Check Points | Frame Numbers | Time (GMT-hr, min, sec) | | Altitude, MSL feet/meters | Cloud Cover/Remarks |
|---|---|---|---|---|---|
| | | START | END | | |
| A - B | 6229-6245 | 18:04:13 | 18:11:52 | 65300/19910 | Clear |
| C - D | 6246-6262 | 18:18:10 | 18:25:24 | 65200/19880 | Clear |
| E - F | 6263-6281 | 18:31:54 | 18:40:05 | 64200/19570 | Clear |
| G - H | 6282-6306 | 19:11:23 | 19:22:22 | 45300/13810 | 10% cumulus, frame 6306 |
| I - J | 6307-6321 | 19:36:02 | 19:42:13 | 45000/13720 | Clear |
| K - L | 6322-6350 | 19:47:01 | 19:59:44 | 45000/13720 | Minor cumulus, frames 6324-6325 |




FLIGHT 01-092 27 JUNE 2001 A/C 806 RC-10 / AVIRIS


A
B
C
D
E
F
SANTA BARBARA
SAN MARCUS
Chan 96
VENTURA
SANTA CRUZ ISLAND
SANTA ROSA ISLAND
Anacapa Island
TACAN
NAVY POINT MUGU
Chan 43
VENTURA
Chan 19
VOR DME
SANTA MONICA
VORTAC
LOS ANGELES
Chan 83
LOS ANGELES
NDB
COMPTON
VORTAC
SEAL BEACH
Chan 104
VOR
SANTA ANA
SANTA CATALINA ISLAND
SANTA CATALINA
Chan 51
SAN NICOLAS ISLAND
TACAN-NDB
SAN NICOLAS
Chan 39
Santa Barbara Island
SAN PEDRO CHANNEL
W-290
R-2533
R2535A
ISABELLA
LAKE HUGHES
Chan 21
BUCKHORN
VORTAC
PALMDALE
Chan 92
Lancaster
Palmdale
Ventucopa
Taft
Bakersfield
Newhall
Santa Paula
Ojai
Oxnard
Smokestack
Building
Industrial plants
Buildings
Cranes
HAWTHORNE
LONG BEACH
FULLERTON
SANTA ANA
NEWPORT BEACH
Laguna Beach
ONTARIO
TACAN
JUSTIN
Chan 1
VORTAC
EL TORO
Chan 119
MCAS EL TORO
ZAMPERINI
ABANDONED
MEADOWLARK
SHEPHERD
HUGHES
EDWARDS AF AUX NORTH
EDWARDS AFB
ROSAMOND
GORMAN
Chan 108
NDB
GEN WM J. FOX
QUAIL LAKE
CONOVER
Corrals
Grapevine
TEJON AG
DIXON
SEVEN R
NEW CUYAMA
guard station
refinery
numerous tanks & wells
GAVIOTA
Chan 85
VOR DME
CAMARILLO
ELLIMORE
Chan 72
ABANDONED
INDIAN DUNES
Fillmore
WHITEN
BURBANK
PASADENA
FONTANA
CABLE
ABANDONED
PALMDALE FLT/TEST AF 42
HANSEN
NICHOLS
SUTTON
ADELANTO
KREY
CRYSTAL
SUN HILL
CLOSE
GEORGE
EL MIRAGE
Rogers Lake
AGUA DULCE
QUARTZ HILL
119°
118°
120°
14°E
92
84
25
19
10
KU
KJ
KH
KT
KS
KG
GC
GD
GP
GN
GB
LH
LT
LS
LG
MH
MT
MS
MG
MJ
MU
LU
LJ
LM
DL
AE
CHANNEL


H
I
G
J
K
L
Yosemite Village
Oakhurst
Raymond
Coarsegold
North Fork
Bishop
Benton
Basalt
Coaldale
Mammoth Lakes
Woodlake
Lemoore
Hanford
Visalia
Tulare
Corcoran
Porterville
Lone Pine
Keeler
Owens Lake
Independence
Olancha
Cartago
Isabella
FRESNO
BISHOP
OWENS
FOOTHILL
R-2508
135
146
148
85