# 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;<br>Dozier, UCSB | **Aircraft #:** | 806 |

## SENSOR DATA

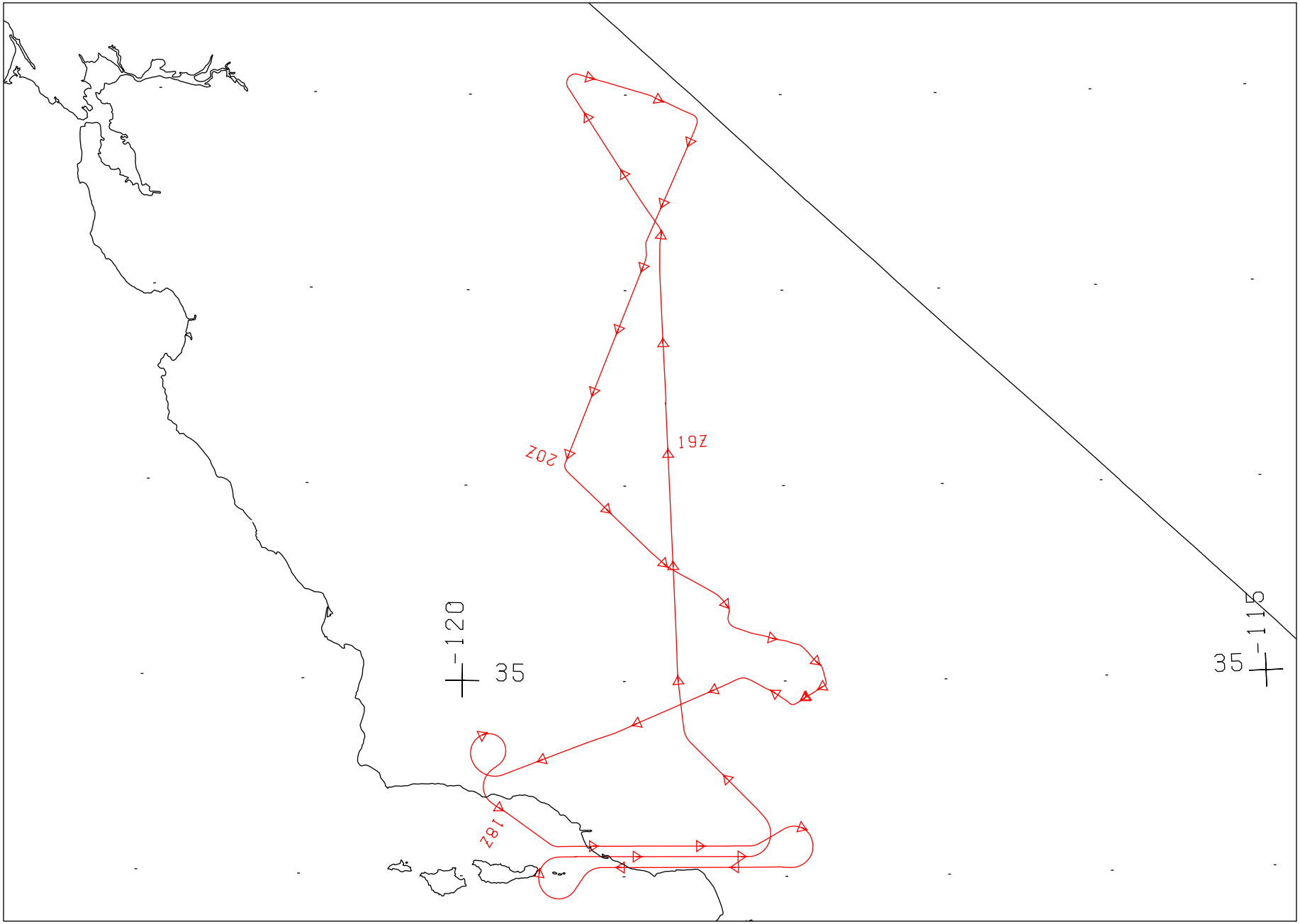
| | | | |
|---|---|---|---|
| **Accession #:** | 05620 | ----- | ----- |
| **Sensor ID #:** | 076 | 099 | 120 |
| **Sensor Type:** | RC-10 | AVIRIS | AirMISR |
| **Focal Length:** | 12”<br>304.89 mm | ----- | ----- |
| **Film Type:** | Aerochrome IR<br>SO-134 | ----- | ----- |
| **Filtration:** | Wratten 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

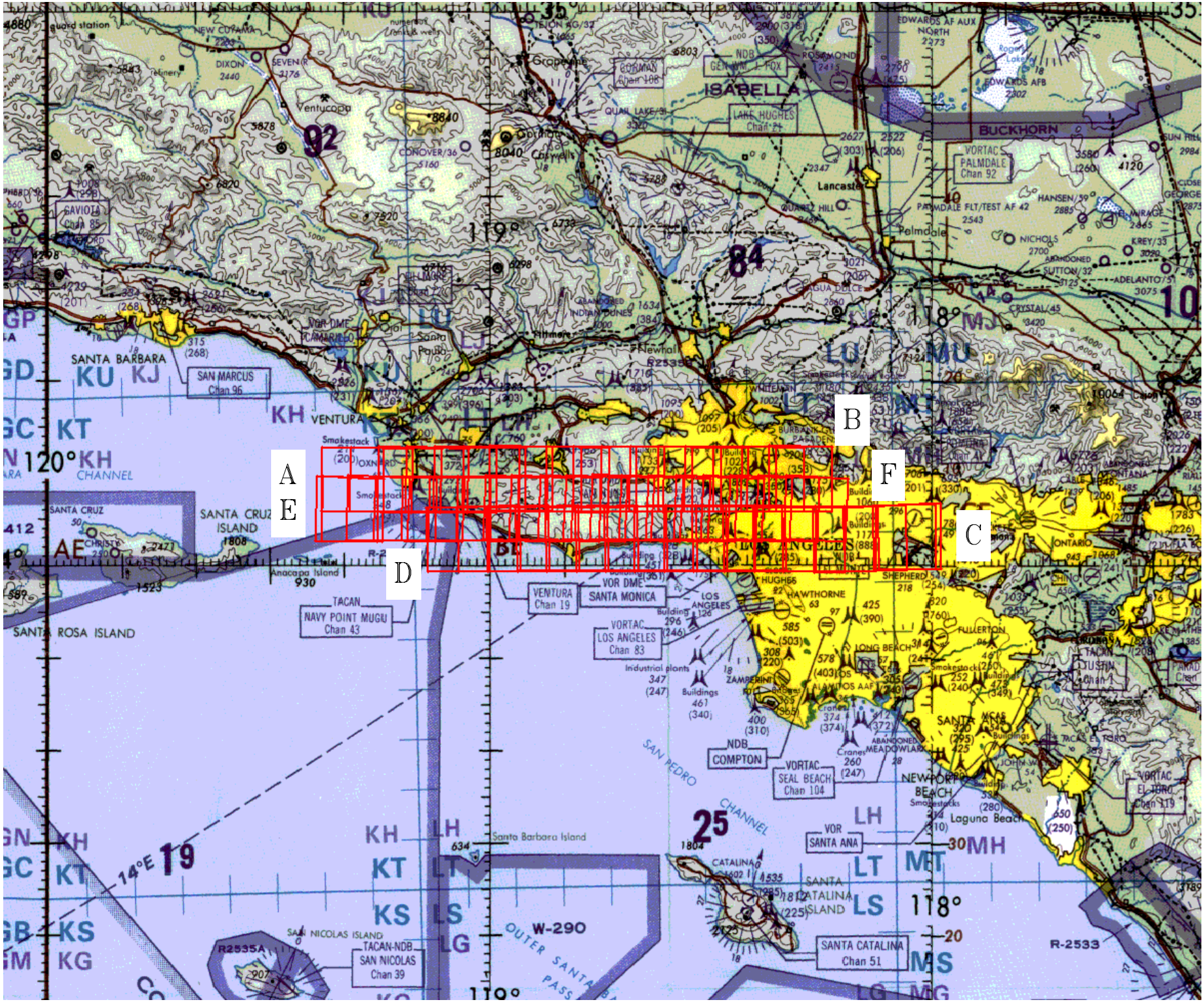
**Accession #** 05620

**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
TACAN
NAVY POINT MUGU
Chan 43
VENTURA
Chan 19
VOR DME
SANTA MONICA
VORTAC
LOS ANGELES
Chan 83
NDB
COMPTON
VORTAC
SEAL BEACH
Chan 104
VOR
SANTA ANA
SANTA CATALINA
Chan 51
SAN NICOLAS
Chan 39
TACAN-NDB
ISABELLA
BUCKHORN
VORTAC
PALMDALE
Chan 92
Lancaster
Palmdale
LOS ANGELES
HAWTHORNE
LONG BEACH
FULLERTON
NEWPORT BEACH
Laguna Beach
ONTARIO
SAN PEDRO CHANNEL
OUTER SANTA BARBARA PASS
W-290
R-2533
R2535A
SANTA CATALINA ISLAND
SAN NICOLAS ISLAND
Santa Barbara Island
Anacapa Island
Ventucopa
Taft
Bakersfield
Newhall
Santa Paula
Ojai
Oxnard
Simi
Fillmore
Tehachapi
Mojave
Rosamond
Edwards AFB
Rogers Lake
Lake Hughes
Quail Lake
Gorman
Frazier Park
Cuyama
Lompoc
Vandenberg AFB
Point Mugu
Malibu
Pacoima
Burbank
Pasadena
Glendale
Hollywood
Inglewood
Compton
Long Beach
Anaheim
Santa Ana
Irvine
Mission Viejo
Laguna Niguel
Dana Point
Oceanside
Carlsbad
Encinitas
Del Mar
Escondido
Ramona
Temecula
Murrieta
Hemet
San Jacinto
Perris
Riverside
Corona
Ontario
Chino
Pomona
Upland
Rancho Cucamonga
Fontana
Rialto
San Bernardino
Redlands
Yucaipa
Calimesa
Beaumont
Banning
Cabazon
Desert Hot Springs
Palm Springs
Indio
Coachella
Thermal
Mecca
Oasis
Salton City
Bombay Beach
Niland
Calipatria
Brawley
El Centro
Holtville
Imperial
Calexico
Yuma
Blythe
Needles
Barstow
Victorville
Hesperia
Apple Valley
Adelanto
Lucerne Valley
Yucca Valley
Twentynine Palms
Joshua Tree
Landers
Yermo
Daggett
Ludlow
Amboy
Twenty Mile Beach
Cadiz
Kelso
Baker
Shoshone
Tecopa
Death Valley Junction
Furnace Creek
Stovepipe Wells
Scotty's Castle
Ubehebe Crater
Saline Valley
Lone Pine
Independence
Bishop
Mammoth Lakes
June Lake
Bridgeport
Mono Lake
Tioga Pass
Yosemite Valley
Mariposa
Coarsegold
Oakhurst
Fresno
Clovis
Madera
Chowchilla
Merced
Atwater
Livingston
Hilmar
Los Banos
Dos Palos
Firebaugh
Mendota
Coalinga
Avenal
Lemoore
Hanford
Corcoran
Tulare
Visalia
Porterville
Exeter
Lindsay
Strathmore
Ivanhoe
Woodlake
Orosi
Kingsburg
Selma
Reedley
Dinuba
Sanger
Parlier
Kingsburg
Fresno
Clovis
Madera
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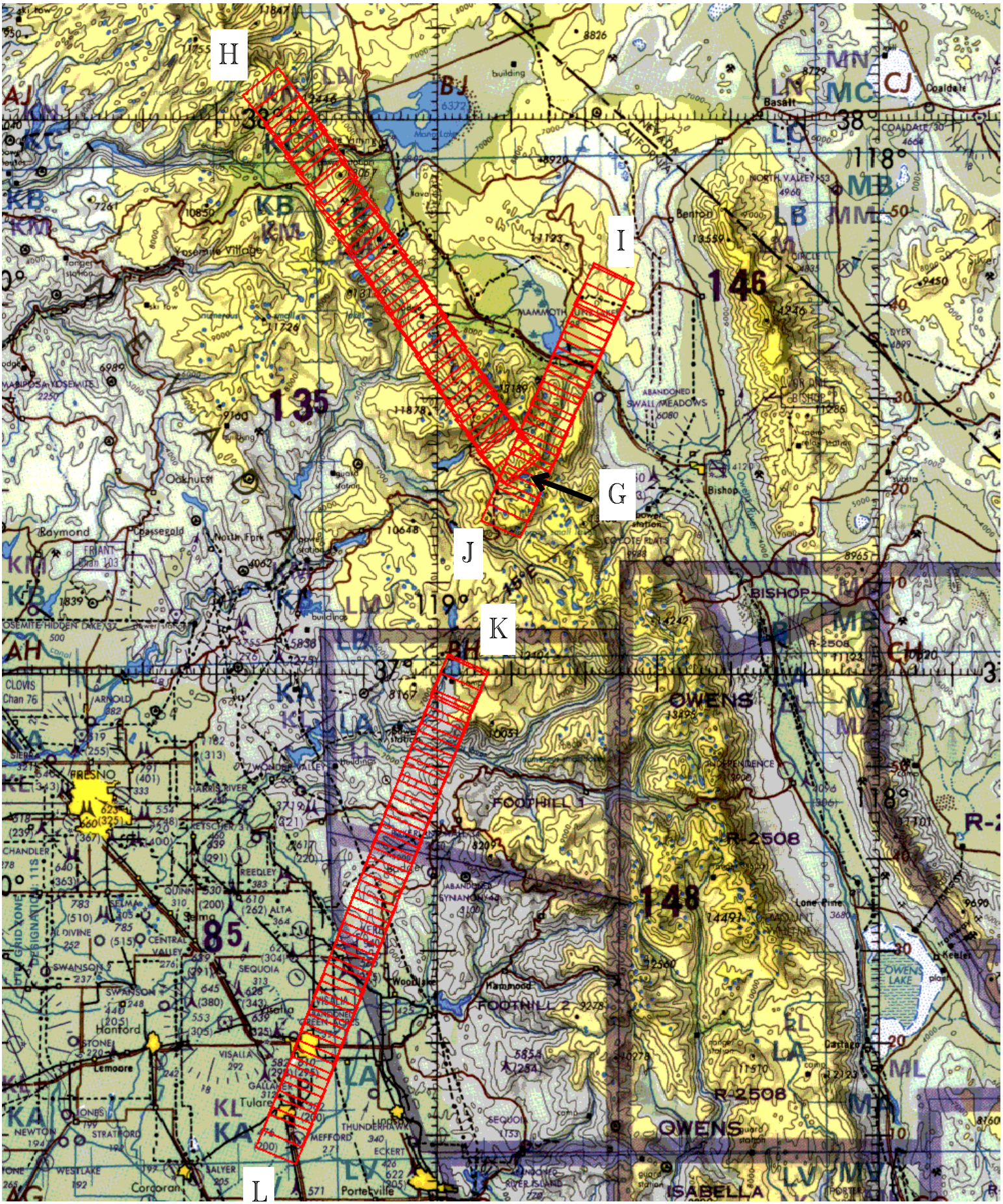
H
I
G
J
K
L
Yosemite Village
Oakhurst
Raymond
Coarsegold
North Fork
FRIANT
Bishop
Benton
Basalt
Coaldale
BISHOP
OWENS
FOOTHILL
R-2508
Lone Pine
Keeler
OWENS LAKE
Dartage
FRESNO
Selma
Hanford
Lemoore
Tulare
Visalia
Woodlake
Hammond
Corcoran
Porterville
ISABELLA
MAMMOTH LAKES
COYOTE FLATS
SWALL MEADOWS
NORTH VALLEY
CALIFORNIA
NEVADA