FLIGHT SUMMARY REPORT

Flight Number: 00-011

Calendar/Julian Date: 21 October 1999 • 294

Sensor Package: Hycon HR-732
Airborne Multi-angle Imaging SpectroRadiometer (AirMISR)
Thematic Mapper Simulator (TMS)
Modis Airborne Simulator (MAS)

Area(s) Covered: Mono Lake, CA; Tahoe Basin

Investigator(s): Melack, UCSB; Conel, JPL **Aircraft #:** 806

SENSOR DATA

Accession #:	05426	-----	-----	-----
Sensor ID #:	009	120	074	108
Sensor Type:	HR-732	AirMISR	TMS	MAS50
Focal Length:	24” 609 mm	-----	-----	-----
Film Type:	Aerochrome IR SO-134	-----	-----	-----
Filtration:	Wratten 12	-----	-----	-----
Spectral Band:	510-900nm	-----	-----	-----
f Stop:	16	-----	-----	-----
Shutter Speed:	1/250	-----	-----	-----
# of Frames:	98	-----	-----	-----
% Overlap:	60	-----	-----	-----
Quality:	Good			
Remarks:	Subtract 15 seconds for correct UTC			

CAMERA FLIGHT LINE DATA
FLIGHT NO. 00-011

Accession # 05426

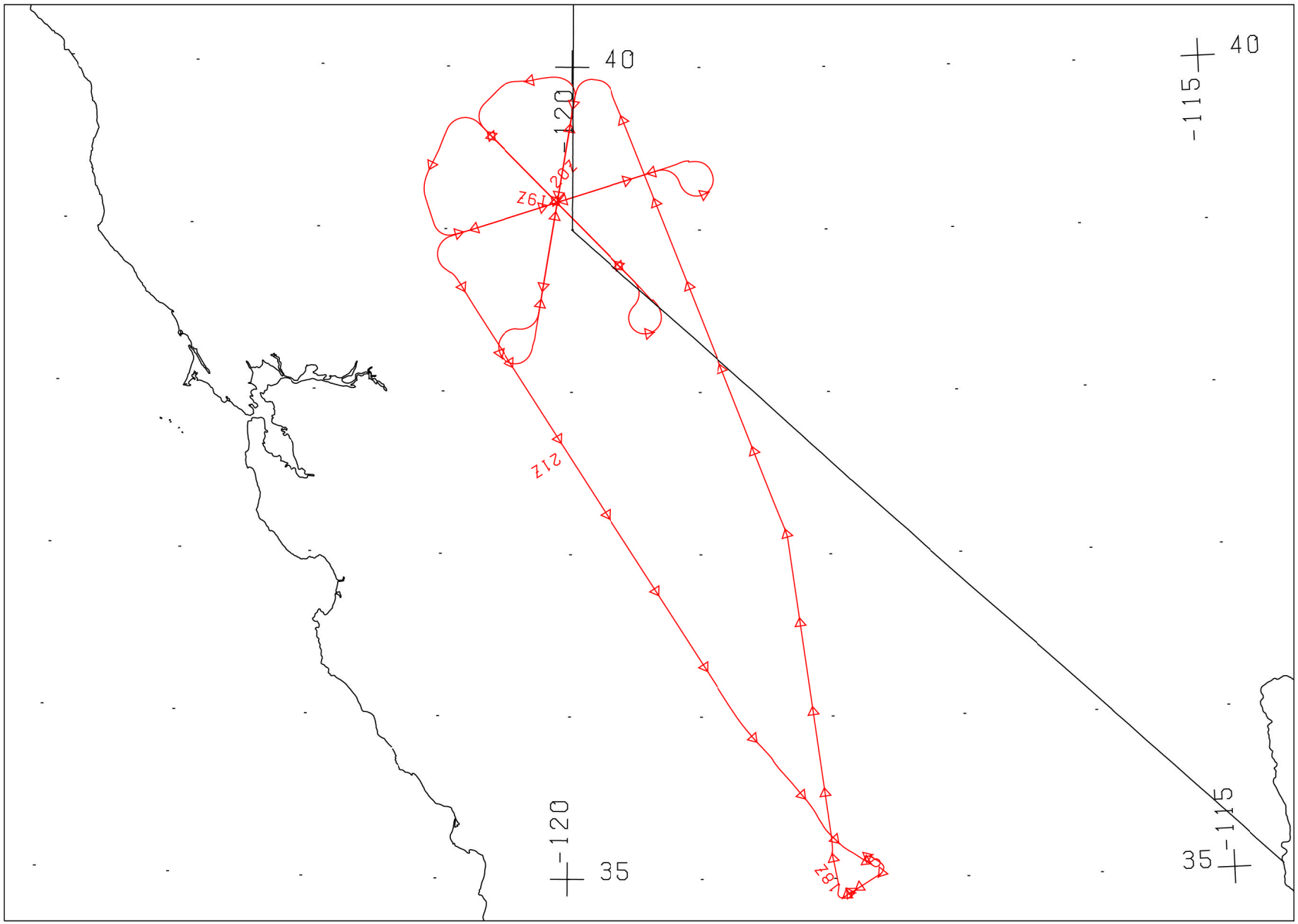
Sensor # 009

Check Points	Frame Numbers	Time (UTC-hr, min, sec) START	Time (UTC-hr, min, sec) END	Altitude, MSL feet/meters	Cloud Cover/Remarks
C - D	0001-0046	18:28:51	18:39:46	67000/20421	10-30% cirrus (frames 0008-0023); 10-20% cirrus (frames 0028-0046); emulsion scratch (frames 0001-0019)
F - G	0047-0093	18:55:22	19:06:27	68800/20970	10-30% cirrus (frames 0051-0064 and 0073-0089); 40-80% cirrus (frames 0090-0093)
G	0094-0098	19:15:25	19:16:23	68500/20879	30-40% cirrus; emulsion abrasion (frame 0098)

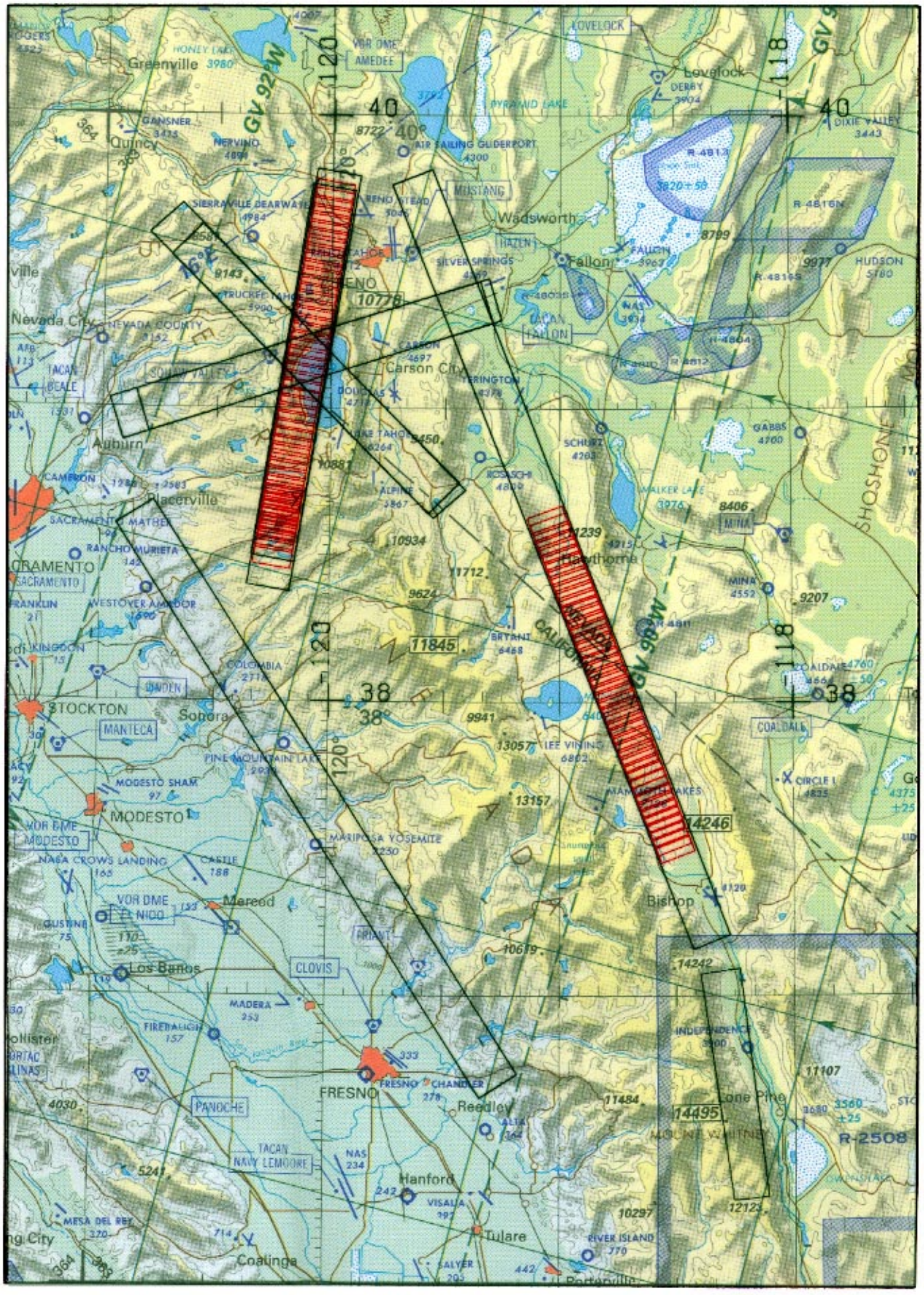
NOTE: CAMERA CLOCK OPERATED IN 12 HOUR MODE. TIME NOTED ABOVE HAS BEEN ADJUSTED BY 12 HOURS.

DAEDALUS FLIGHT DATA
FLIGHT NUMBER: 00-011

Check Points	Actual time (GMT) begin	Actual time (GMT) end	Actual scanline begin	Actual scanline end	Altitude feet/meter	ground speed knots/mps	Scan Speed (rps)	total Good scanlines	total Interpolated scanlines	total Repeated scanlines
A-B	18:17:34.0	18:24:34.0	20893	26143	59502/18136	404/203	12.50	5251	0	0
B-E	18:25:30.0	18:50:59.0	26843	45943	67096/20451	397/199	12.50	19101	0	0
F-G	18:54:59.0	19:06:15.0	48943	57393	68760/20958	415/208	12.50	8451	0	0
G-F	19:13:19.0	19:26:27.0	62693	72543	68930/21010	392/197	12.50	9851	0	0
H-I	19:34:39.0	19:45:43.0	78693	86993	69582/21209	403/202	12.50	8301	0	0
I-H	19:53:15.0	20:05:27.0	92643	101793	69645/21228	407/204	12.50	9151	0	0
J-K	20:15:03.0	20:26:15.0	108993	117393	70000/21336	393/197	12.50	8401	0	0
K-J	20:33:59.0	20:45:43.0	123193	131993	70164/21386	417/209	12.50	8801	0	0
L-M	20:49:27.0	21:10:19.0	134793	150447	70673/21541	400/201	12.50	15655	0	0



FLIGHT 00-011 21 OCTOBER 1999 A/C 806 HR732 / MAS / AIRMISR / TMS


Greenville
Quincy
Nevada City
Auburn
Placerville
Sacramento
Stockton
Modesto
Los Banos
Merced
Fresno
Coalinga
Hanford
Visalia
Tulare
Reedley
Sonora
Manteca
Lovelock
Wadsworth
Fallon
Carson City
Hawthorne
Bishop
Lone Pine
Mina
Coaldale
Gabbs
Schurz
Yerington
Gansner
Nervino
Truckee
Alpine
Columbia
Westover
Franklin
Castle
Firebaugh
Madera
Clovis
Panoche
Mesa Del Rey
Kingdon
Mariposa Yosemite
Pine Mountain Lake
Modesto Sham
Crows Landing
Gustine
Hollister
Salyer
River Island
Portersville
Independence
Circle I
Dixie Valley
Hudson
Shoshone
Derby
Pyramid Lake
Honey Lake
Mustang
Hazen
Silver Springs
Walker Lake
Mount Whitney
VOR DME AMEDEE
VOR DME MODESTO
VOR DME NICO
TACAN BEALE
TACAN NAVY LEMOORE
TACAN FALLON
NAS FALLON
NAS
AIR SAILING GLIDERPORT
Sierraville Dearwater
Nevada County
Squaw Valley
Lake Tahoe
Reno Stead
Douglas
Bryant
Lee Vining
Rancho Murieta
Cameron
Sacramento Mather
Colombia
Sierra
California
GV 92W
GV 96W
GV 98W
GV 9
120
118
123
38
40
10778
11845
14246
14495
R-2508
R-4813
R-4816N
R-4816S
R-4804
R-4811
FLIGHT 00-011 21 OCTOBER 1999 A/C 806 HR732 / TMS JNC 43