FLIGHT SUMMARY REPORT

Flight Number: 00-139

Calendar/Julian Date: 28 July 2000 • 210

Sensor Package: Wild Heerbrugg RC-10
Cloud Lidar System (CLS)
Airborne Multi-angle SpectroRadiometer (AirMISR)
Measurements of Pollutants in the Troposphere - Airborne Simulator (MOPPIT-A)
Solar Spectral Flux Radiometer (SSFR)
Scanning High-Resolution Interferometer Sounder (S-HIS)

Area(s) Covered: Sierra Nevada

Investigator(s): SAFARI Functional Check Flight **Aircraft #:** 809

SENSOR DATA

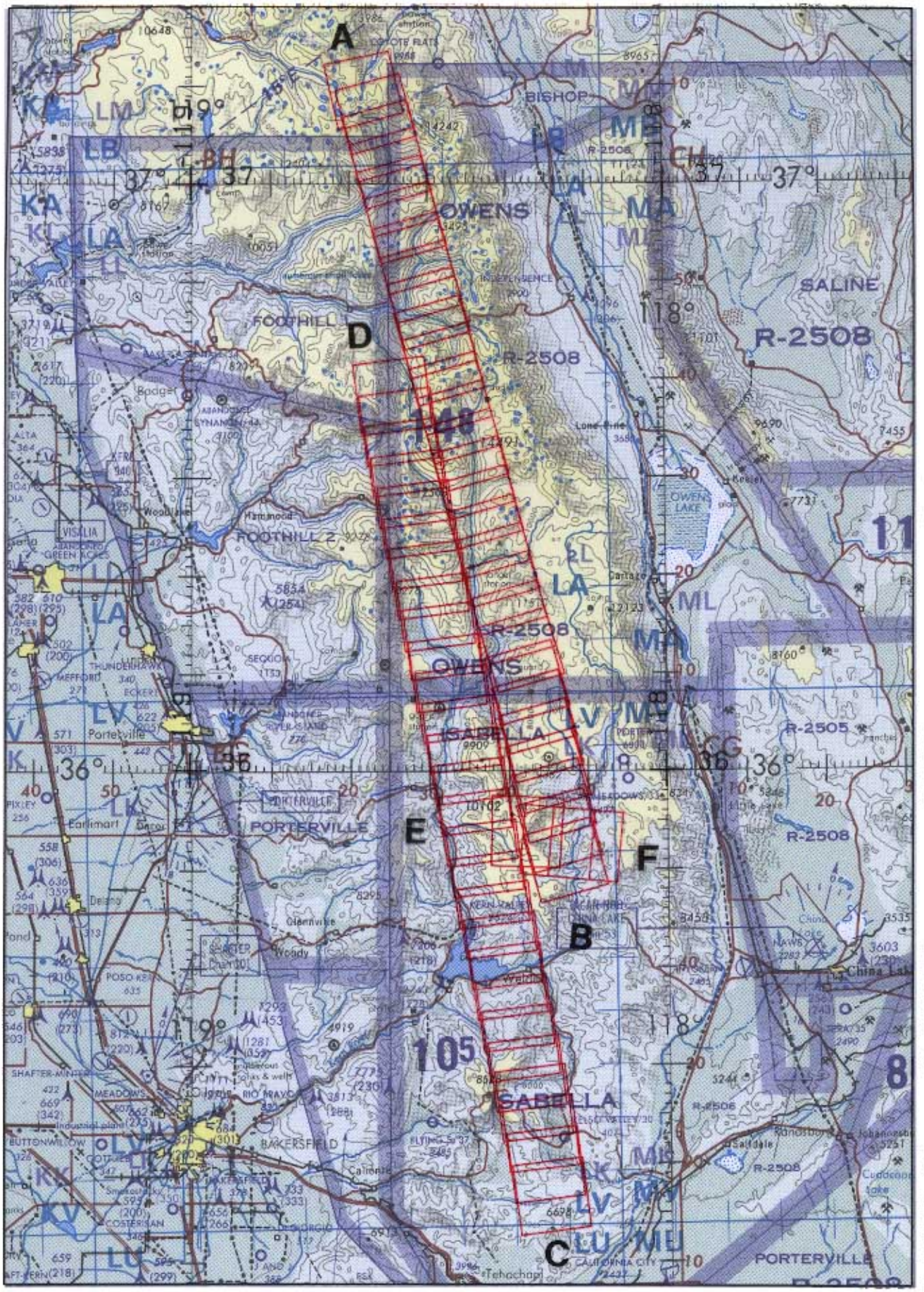
Accession #:	05525	-----	-----	-----	-----	-----
Sensor ID #:	026	129	120	131	083	113
Sensor Type:	RC-10	MOPPITT-A	AirMISR	SSFR	S-HIS	CLS
Focal Length:	12" 304.97 mm	-----	-----	-----	-----	-----
Film Type:	Panatomic X Aerographic II EK2412	-----	-----	-----	-----	-----
Filtration:	Wratten 12	-----	-----	-----	-----	-----
Spectral Band:	510-700nm	-----	-----	-----	-----	-----
f Stop:	11	-----	-----	-----	-----	-----
Shutter Speed:	1/200	-----	-----	-----	-----	-----
# of Frames:	58	-----	-----	-----	-----	-----
% Overlap:	60	-----	-----	-----	-----	-----
Quality:	Excellent					
Remarks:	Subtract 2 seconds for correct UTC					

CAMERA FLIGHT LINE DATA
FLIGHT NO. 00-139

Accession # 05525

Sensor # 026

Check Points	Frame Numbers	Time (GMT-hr, min, sec)		Altitude, MSL feet/meters	Cloud Cover/Remarks
		START	END		
A - B	2424-2451	18:33:27	18:45:52	66500/20270	10-50% smoke/haze, frames 2443-2451
C - D	2452-2478	18:55:29	19:07:20	68900/21010	10-30% cirrus, frame 2458-2461
E - F	2479-2481	19:27:31	19:28:25	68000/20730	30-40% smoke



FLIGHT 00-139 28 JULY 2000 R/C 809 RC-10