

FLIGHT SUMMARY REPORT

Flight Number: 00-142
Calendar/Julian Date: 03 August 2000 • 216
Sensor Package: Dual Wild Heerbrugg RC-10
 Modis Airborne Simulator (MAS)
 Cloud Lidar System (CLS)
 Airborne Multi-angle SpectroRadiometer (AirMISR)
 Measurements of Pollutants in the Troposphere -
 Airborne Simulator (MOPPIT-A)
 Solar Spectral Flux Radiometer (SSRF)
 Scanning High-Resolution Interferometer Sounder (S-HIS)
 Leonardo Airborne Simulator (LAS)
Area(s) Covered: Sierra Nevada/Mono Lake
Investigator(s): SAFARI Functional Check Flight **Aircraft #:** 809

SENSOR DATA

Accession #:	05528	05529	----	----	----
Sensor ID #:	026	034	108	120	113
Sensor Type:	RC-10	RC-10	MAS50	AirMISR	CLS
Focal Length:	12" 304.97 mm	12" 304.66 mm	----	----	----
Film Type:	Panatomic X Aerographic II EK2412	Aerochrome IR SO-134	----	----	----
Filtration:	Wratten 12	Wratten 12	----	----	----
Spectral Band:	510-700nm	510-900nm	----	----	----
f Stop:	11	11	----	----	----
Shutter Speed:	1/325	1/200	----	----	----
# of Frames:	28	28	----	----	----
% Overlap:	60	60	----	----	----
Quality:	Excellent	Excellent			
Remarks:	Subtract 7 seconds for correct UTC	Subtract 1 second for correct UTC			

FLIGHT SUMMARY REPORT 00-142 continued

SENSOR DATA

Accession #:	----	----	----	----
Sensor ID #:	129	131	083	130
Sensor Type:	MOPPIT-A	SSFR	S-HIS	LAS
Focal Length:	----	----	----	----
Film Type:	----	----	----	----
Filtration:	----	----	----	----
Spectral Band:	----	----	----	----
f Stop:	----	----	----	----
Shutter Speed:	----	----	----	----
# of Frames:	----	----	----	----
% Overlap:	----	----	----	----
Quality:				
Remarks:				

CAMERA FLIGHT LINE DATA
FLIGHT NO. 00-142

Accession # 05528

Sensor # 026

Check Points	Frame Numbers	Time (UTC-hr, min, sec)		Altitude, MSL feet/meters	Cloud Cover/Remarks
		START	END		
A - B	2529-2556	18:06:14	18:18:37	65500/19970	100% cumulus, frames 2529-2538; 30-80% cumulus, frames 2539-2549; 10% cumulus, frames 2550-2551 and 2556

Date and flight number incorrect in camera data block

CAMERA FLIGHT LINE DATA
FLIGHT NO. 00-142

Accession # 05529

Sensor # 034

Check Points	Frame Numbers	Time (UTC-hr, min, sec)		Altitude, MSL feet/meters	Cloud Cover/Remarks
		START	END		
A - B	3786-3813	18:06:09	18:18:32	65500/19970	100% cumulus, frames 3786-3795; 30-80% cumulus, frames 3796-3086; 10% cumulus, frames3807-3808 and 3813

Date and flight number incorrect in camera data block

MODIS AIRBORNE SIMULATOR (MAS) FLIGHT LINE INFORMATION FOR 03 Aug 2000 FLIGHT 00-142

START OF FLIGHT LINE

END OF FLIGHT LINE

LINE	TIME	LAT	LON	SOLAR		START	TIME	LAT	LON	SOLAR		SCAN
	HH:MM:SS	DEG	DEG	ZEN	AZIM	HEADING		HH:MM:SS	DEG	DEG	ZEN	AZIM
1	17:46:18	35.991	-116.785	77.3	282.2	4.08	17:50:33	36.005	-116.785	77.3	282.2	1591
2	17:51:38	36.570	-116.863	78.2	282.8	300.52	17:59:48	36.577	-116.880	78.2	282.8	3058
3	18:00:11	36.894	-118.052	79.8	284.0	313.33	18:26:55	36.904	-118.065	79.8	284.0	10000
4	18:26:55	39.333	-120.462	84.2	287.6	323.70	18:30:30	39.345	-120.474	84.2	287.6	1340
5	18:31:10	39.694	-120.880	84.8	288.2	283.96	18:34:28	39.697	-120.900	84.8	288.2	1236
6	18:35:49	39.609	-121.525	85.7	288.9	192.13	18:42:24	39.594	-121.528	85.7	288.9	2466
7	18:45:35	38.870	-121.833	87.8	290.5	6.93	18:52:00	38.885	-121.831	87.8	290.5	2407
8	18:53:10	39.683	-121.708	88.9	291.6	73.90	18:57:46	39.687	-121.691	88.9	291.6	1727
9	18:58:21	39.679	-120.992	89.8	292.4	127.33	19:25:03	39.670	-120.978	89.8	292.5	10000
10	19:25:03	37.372	-118.668	95.5	296.6	140.83	19:30:23	37.361	-118.657	95.5	296.6	1997
11	19:30:42	36.878	-118.206	96.7	297.5	162.84	19:47:55	36.864	-118.202	96.7	297.5	6447
12	19:52:43	34.958	-117.578	101.5	300.8	348.76	19:59:12	34.972	-117.583	101.5	300.8	2425

NUMBER OF FILES FOR THIS FLIGHT = 12
 TOTAL NUMBER OF SCAN LINES = 44694
 DATE THESE FILES WERE PROCESSED = 11-Oct-2001
 DATE THIS LIST WAS CREATED = Thu Oct 11 13:43:58 PDT 2001
 GRANULE VERSION = 1

