FLIGHT SUMMARY REPORT

Flight Number: 02-960

Calendar/Julian Date: 8 August 2002 • 220

Sensor Package: Wild-Heerbrugg RC-10
MODIS Airborne Simulator (MAS)
MODIS/ASTER Airborne Simulator (MASTER)

Area(s) Covered: Death Valley/Mono Lake
Lake Tahoe/Railroad Valley

Investigator(s): Wan, UC Santa Barbara **Aircraft #:** 809

SENSOR DATA

Accession #:	05700	------	------
Sensor ID #:	034	108	124
Sensor Type:	RC-10	MAS 50	MASTER
Focal Length:	6" 153.46 mm	------	------
Film Type:	Aerochrome IR SO-734	------	------
Filtration:	Wratten 12 2.2 AV	------	------
Spectral Band:	510-900nm	------	------
f Stop:	8	------	------
Shutter Speed:	1/350	------	------
# of Frames:	168	------	------
% Overlap:	60%	------	------
Quality:	Very Good	------	------

Remarks: No time offset to navigation data

CAMERA FLIGHT LINE DATA
FLIGHT NO. 02-960

Accession # 05700

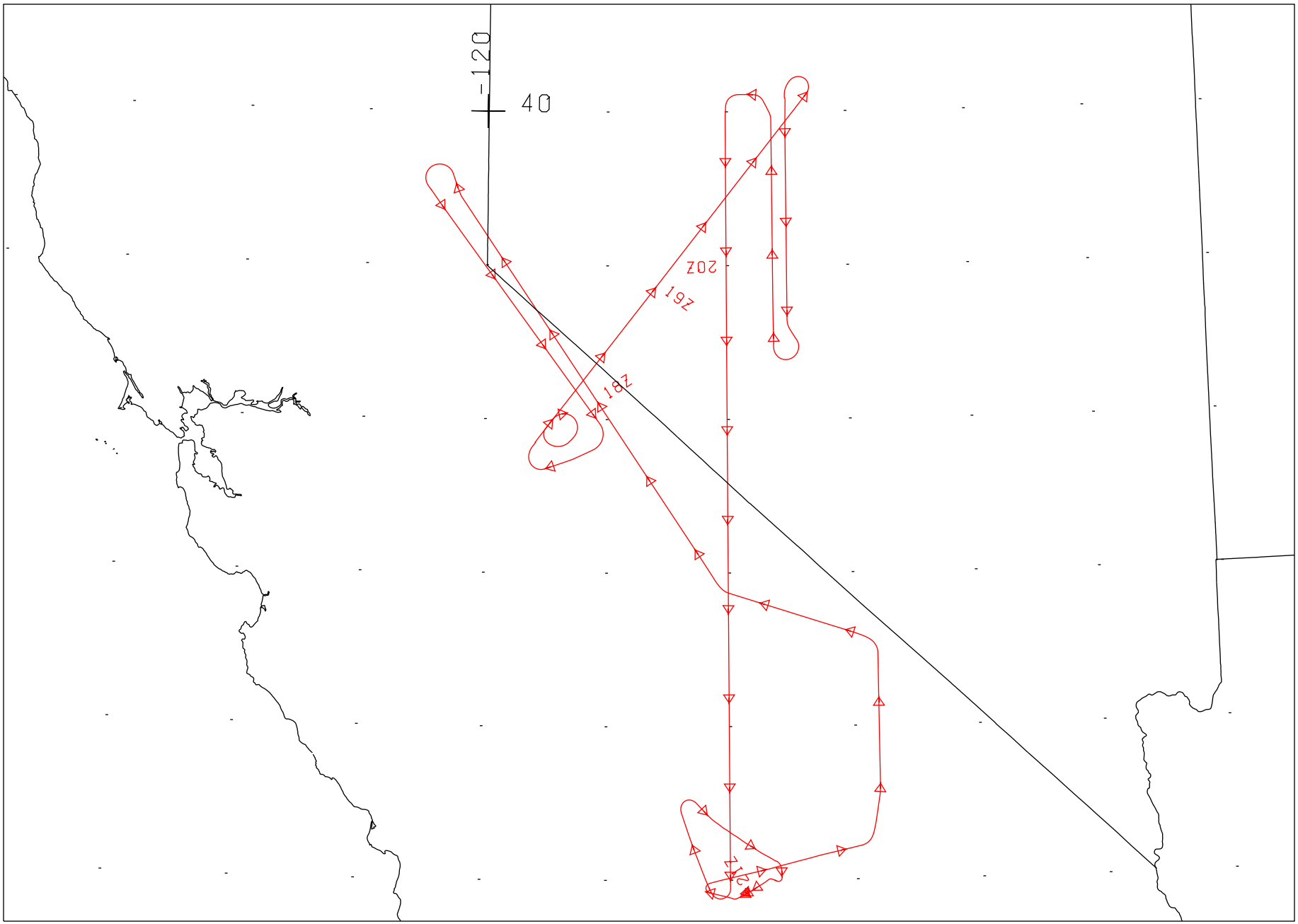
Sensor # 035

Check Points	Frame Numbers	Time (GMT-hr, min, sec)		Altitude, MSL feet/meters	Cloud Cover/Remarks
		START	END		
A - B	5646-5653	17:30:17	17:36:58	63200/19270	Clear
B - C	5654-5662	17:39:39	17:46:26	65700/20030	Clear
C - D	5663-5693	17:48:10	18:14:02	65400/19940	Clear
E - F	5694-5714	18:19:26	18:35:14	65500/19970	Clear
G - H	5715-5740	18:49:57	19:11:58	65600/20000	Clear
H - I	5741-5753	19:19:18	19:29:52	65200/19880	Clear
J - K	5754-5766	19:36:48	19:47:22	65200/19880	Clear
L - M	5767-5813	19:51:49	20:34:47	65200/19880	Smoke/haze frames 5797-5806

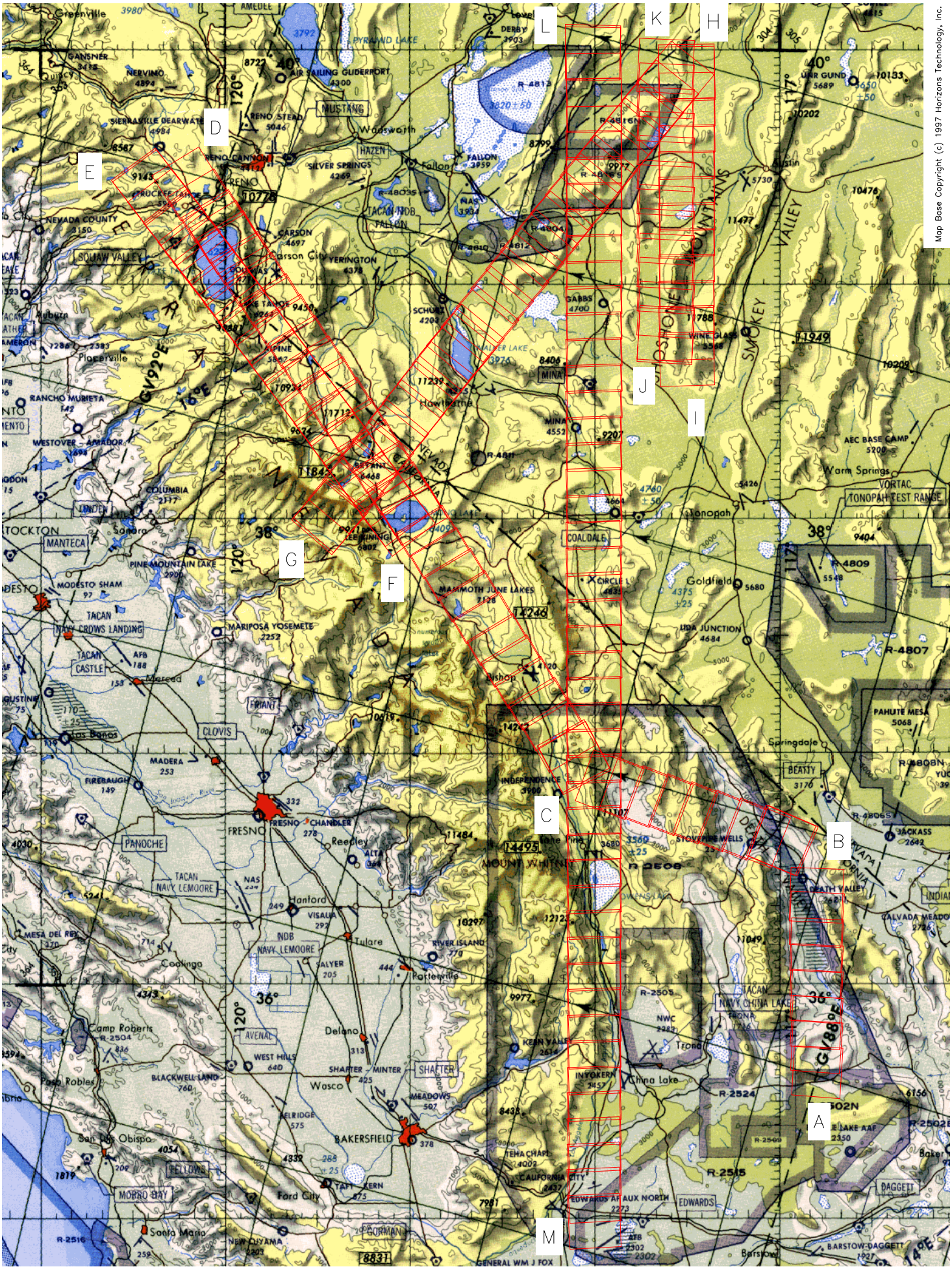
MODIS AIRBORNE SIMULATOR (MAS) FLIGHT LINE INFORMATION FOR 09 Aug 2002
NASA FLIGHT NUMBER 02-960

	START OF FLIGHT LINE					END OF FLIGHT LINE					FLIGHT DATA		
LINE	TIME HH:MM:SS	LAT DEG	LON DEG	SOLAR ZEN	SOLAR AZIM	TIME HH:MM:SS	LAT DEG	LON DEG	SOLAR ZEN	SOLAR AZIM	SCAN LINES	HEAD DEG	ALT M (GPS)
1	17:29:39	35.551	-116.804	37.5	112.3	17:37:46	36.466	-116.800	36.3	115.5	3034	5.6	19167
2	17:39:01	36.576	-116.898	36.2	115.9	17:46:57	36.867	-117.992	35.7	117.2	2965	294.1	20015
3	17:48:06	36.953	-118.110	35.7	117.5	18:14:13	39.435	-120.209	34.0	125.9	9759	329.3	19972
4	18:18:24	39.507	-120.493	33.6	127.0	18:35:26	37.971	-119.048	29.2	133.4	6364	142.1	19901
5	18:49:20	37.945	-119.489	27.5	138.4	19:13:11	39.976	-117.456	25.8	156.1	8916	41.4	19718
6	19:17:32	40.109	-117.500	25.6	158.4	19:30:02	38.650	-117.500	23.5	164.3	4673	178.9	19861
7	19:34:01	38.468	-117.613	23.1	166.3	19:47:32	39.946	-117.617	24.2	174.9	5055	2.9	19835
8	19:51:25	40.026	-117.997	24.2	176.3	20:18:11	36.907	-118.002	21.5	193.5	9999	179.3	19792
9	20:18:11	36.907	-118.002	21.5	193.5	20:35:00	34.954	-118.000	20.9	205.9	6283	177.8	19862

NUMBER OF FILES FOR THIS FLIGHT = 9
TOTAL NUMBER OF SCAN LINES = 57048
DATE THESE FILES WERE PROCESSED = 06-Nov-2002
DATE THIS LIST WAS CREATED = Thu Nov 7 13:57:40 PST 2002
GRANULE VERSION = 1



FLIGHT 02-960 9 AUGUST 2002 A/C 809 MAS / RC-10 / MASTER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RC-10
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