

FLIGHT SUMMARY REPORT

Flight Number: 03-923/9023

Calendar/Julian Date: 12 December 2002 • 346

Sensor Package: Dual Wild-Heerbrugg RC-10
MODIS Airborne Simulator (MAS)
Cloud Physics Lidar (CPL)
Video Imaging System (VIS)
Mini Video Imaging System (MVIS)

Area(s) Covered: Southwest United States (Factory Butte, UT)

Investigator(s): Ferry San Antonio, TX to NASA-DFRC

Aircraft #: 809

SENSOR DATA – Page 1/2

Accession #:	05721	05722	—	—
Sensor ID #:	031	026	108	137
Sensor Type:	RC-10	RC-10	MAS	CPL
Focal Length:	153.05 mm 6"	304.97 mm 12"	—	—
Film Type:	Panatomic X Aerographic II, EK2412	Aerochrome IR SO-734	—	—
Filtration:	Wratten 12 + 2.2 AV	Wratten 12	—	—
Spectral Band:	510-700 nm	510-900 nm	—	—
f-Stop:	4	8	—	—
Shutter Speed:	1/275	1/275	—	—
# of Frames:	4	8	—	—
% Overlap:	60	60	—	—
Quality:	Excellent	Fair	—	—
Remarks:	Subtract 30 seconds for correct UTC	Subtract 4 seconds for correct UTC		

FLIGHT SUMMARY REPORT

SENSOR DATA – Page 2/2
Flight #03-923/9023

Accession #:	_____	_____
Sensor ID #:	118	136
Sensor Type:	VIS	MVIS
Focal Length:	_____	_____
Film Type:	_____	_____
Filtration:	_____	_____
Spectral Band:	_____	_____
f-Stop:	_____	_____
Shutter Speed:	_____	_____
# of Frames:	_____	_____
% Overlap:	_____	_____
Quality:	_____	_____
Remarks:		

MODIS AIRBORNE SIMULATOR (MAS) FLIGHT LINE INFORMATION FOR 12 Dec 2002
NASA FLIGHT NUMBER 03-923

START OF FLIGHT LINE

END OF FLIGHT LINE

FLIGHT DATA

FLTL	TIME HH:MM:SS	LAT DEG	LON DEG	SOLAR		TIME HH:MM:SS	LAT DEG	LON DEG	SOLAR		SCAN LINES	HEAD DEG	ALT M (MSL)
				ZEN	AZIM				ZEN	AZIM			
1	18:19:20	30.949	-100.060	54.1	175.8	18:46:06	32.942	-102.544	56.0	180.5	9999	310.7	19247
2	18:46:06	32.943	-102.544	56.0	180.5	19:12:53	34.904	-105.168	58.1	184.9	9999	309.8	19777
3	19:12:53	34.905	-105.169	58.1	184.9	19:39:40	36.925	-107.783	60.5	189.1	9999	310.9	19818
4	19:39:40	36.925	-107.784	60.5	189.1	19:50:54	37.786	-108.901	61.6	190.8	4198	313.1	19824
5	19:51:15	37.809	-108.940	61.7	190.8	20:03:03	38.346	-110.412	62.4	192.3	4404	297.2	19830
6	20:04:17	38.406	-110.559	62.5	192.4	20:07:39	38.406	-111.019	62.6	192.8	1259	273.0	19844
7	20:09:07	38.353	-111.202	62.6	193.0	20:35:53	36.454	-114.117	61.5	197.1	9999	231.1	19953
8	20:35:53	36.453	-114.117	61.5	197.1	20:48:47	35.538	-115.432	61.1	199.2	4812	231.8	20024

NUMBER OF FILES FOR THIS FLIGHT = 8
 TOTAL NUMBER OF SCAN LINES = 54669
 DATE THESE FILES WERE PROCESSED = 29-Jan-2003
 DATE THIS LIST WAS CREATED = Thu Jan 30 11:30:20 PST 2003
 GRANULE VERSION = 1

CAMERA FLIGHT LINE DATA
FLIGHT NO. 03-9023 / 03-923

Accession # 05721

Sensor # 031

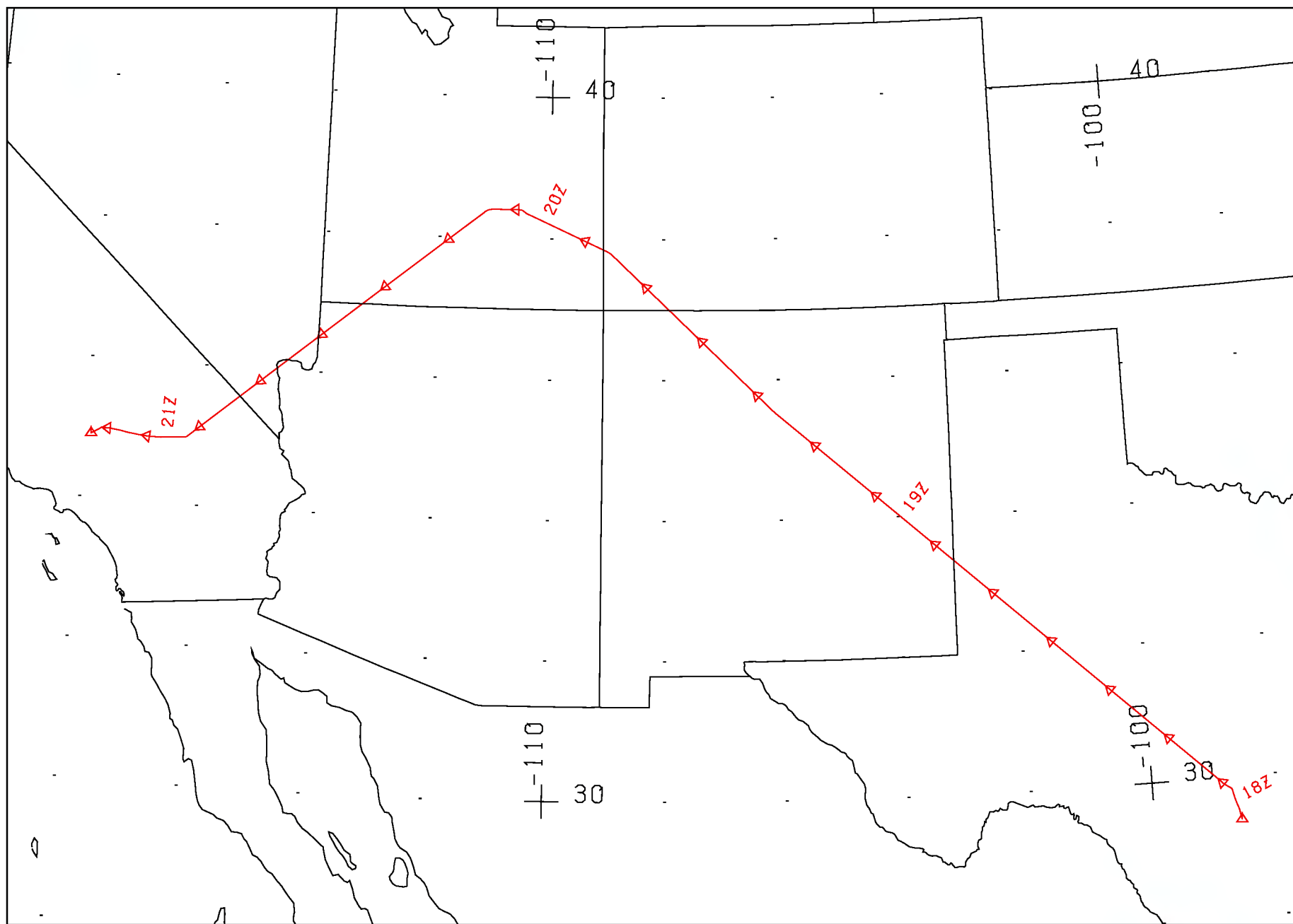
Check Points	Frame Numbers	Time (GMT-hr, min, sec)		Altitude, MSL feet/meters	Cloud Cover/Remarks
		START	END		
A - B	1584-1587	20:05:00	20:07:45	64800/19760	10-70% cumulus and cirrus, frames 1584-1586

CAMERA FLIGHT LINE DATA
FLIGHT NO. 03-9023 / 03-923

Accession # 05722

Sensor # 026

Check Points	Frame Numbers	Time (GMT-hr, min, sec)		Altitude, MSL feet/meters	Cloud Cover/Remarks
		START	END		
A - B	6511-6518	20:04:32	20:07:27	65100/19850	10-70% cumulus and cirrus

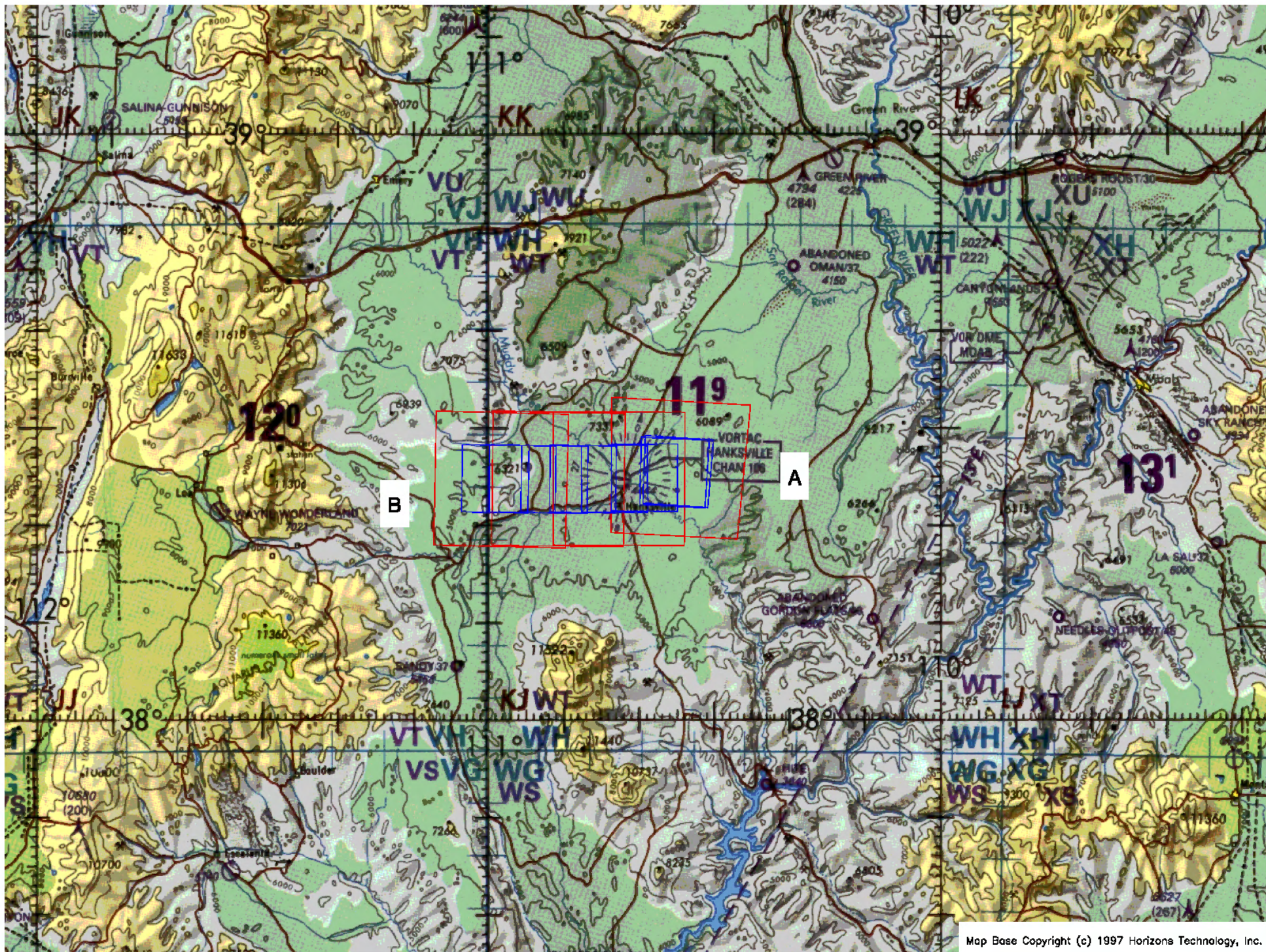


FLIGHT 03-9023 / 03-923

12 DECEMBER 2002

A/C 809

MAS / RC-10 / VIS / MVIS



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