FLIGHT SUMMARY REPORT

Flight Number: 00-057

Calendar/Julian Date: 03 February 2000 • 034

Sensor Package: Dual Wild-Heerbrugg RC-10
Modis Airborne Simulator (MAS)

Area(s) Covered: Lake Mead, NV; Escalante River

Investigator(s): Functional Check Flight **Aircraft #:** 806

SENSOR DATA

Accession #:	05439	05440	-----
Sensor ID #:	033	076	108
Sensor Type:	RC-10	RC-10	MAS50
Focal Length:	6” 153.17 mm	12” 304.89 mm	-----
Film Type:	Panatomic X Aerographic II, EK2412	Panatomix X Aerographic II, EK2412	-----
Filtration:	Wratten 12 + 2.2 AV	Wratten 12	-----
Spectral Band:	510-700 nm	510-700 nm	-----
f Stop:	8	11	-----
Shutter Speed:	1/200	1/225	-----
# of Frames:	16	25	-----
% Overlap:	60	60	-----
Quality:	Excellent	Excellent	
Remarks:	Add 1 second for correct UTC	Add 3 seconds for correct UTC	

CAMERA FLIGHT LINE DATA
FLIGHT NO. 00-057

Accession # 05439

Sensor # 033

Check Points	Frame Numbers	Time (UTC-hr, min, sec) START	Time (UTC-hr, min, sec) END	Altitude, MSL feet/meters	Cloud Cover/Remarks
A - B	0813-0819	20:29:06	20:33:50	68300/20820	10% cirrus (frames 0813-0816 and 0819)
C - D	0820-0828	20:56:30	21:02:35	69700/21250	10-40% cirrus and cumulus

CAMERA FLIGHT LINE DATA
FLIGHT NO. 00-057

Accession # 05440

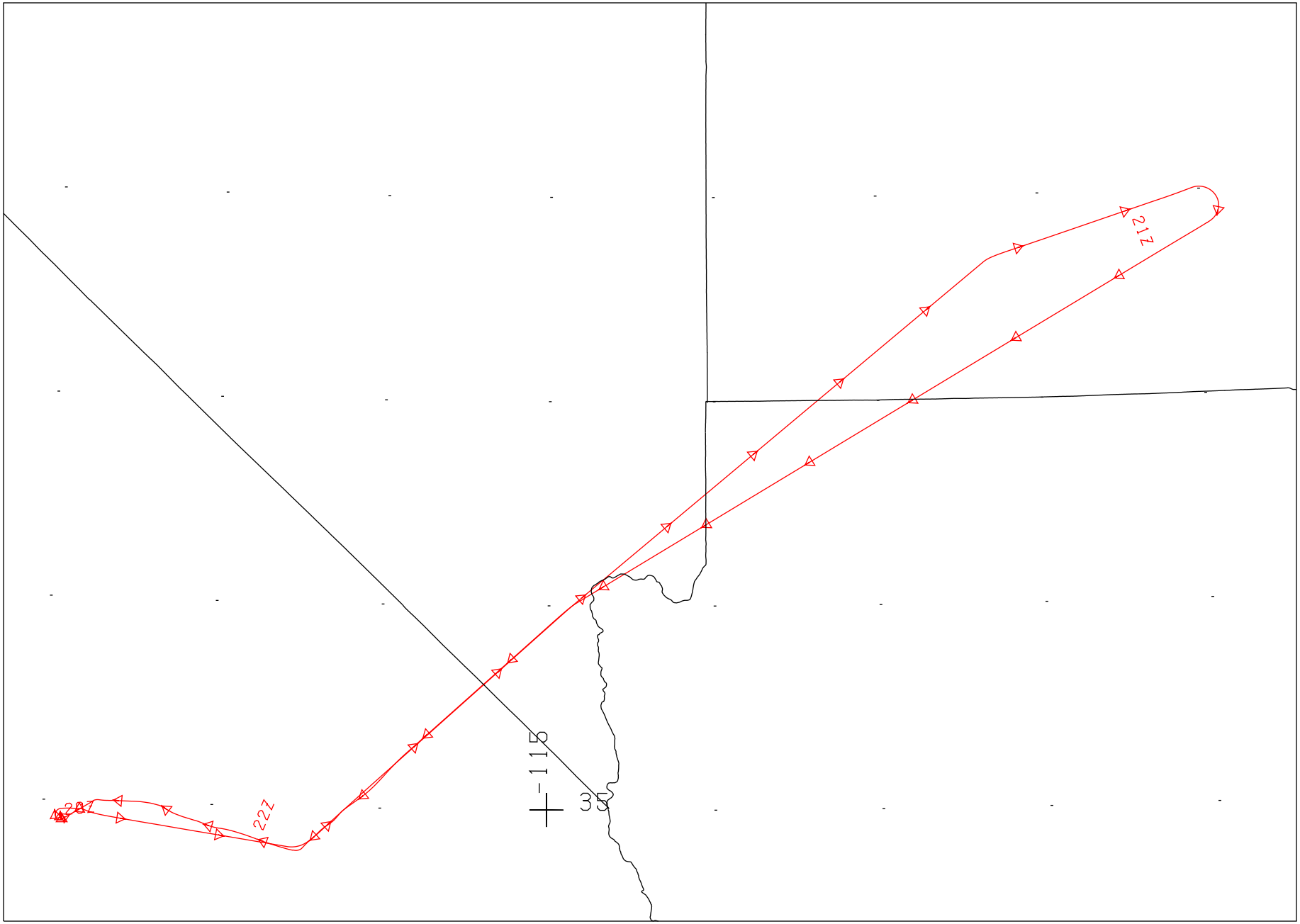
Sensor # 076

Check Points	Frame Numbers	Time (UTC-hr, min, sec) START	Time (UTC-hr, min, sec) END	Altitude, MSL feet/meters	Cloud Cover/Remarks
A - B	4537-4547	20:29:12	20:33:55	68300/20820	10% cirrus (frames 4537-4538 and 4541-4546)
C - D	4548-4561	20:56:56	21:02:41	69700/21250	10-30% cirrus and cumulus (frames 4548-4559)

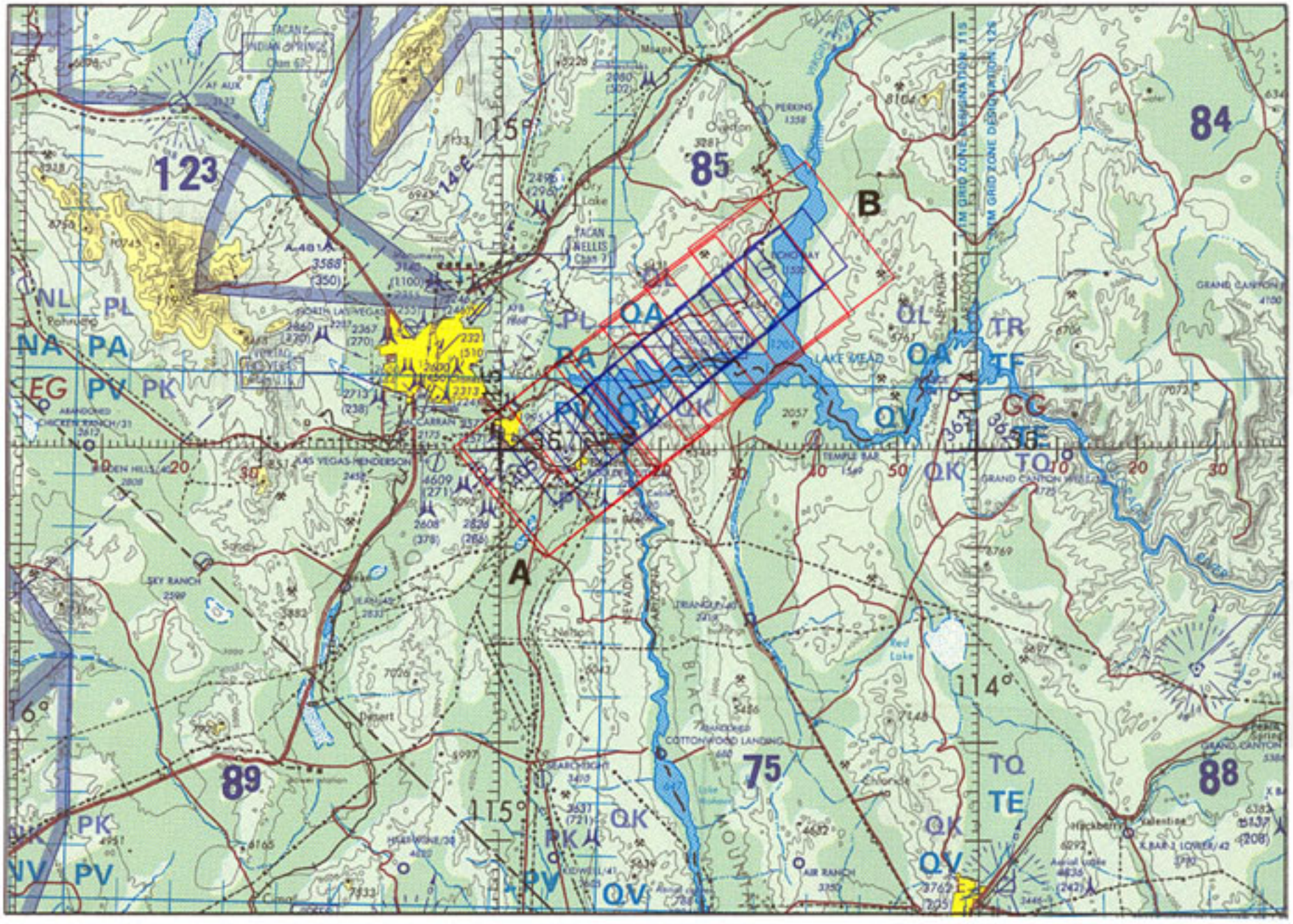
MODIS AIRBORNE SIMULATOR (MAS) FLIGHT LINE INFORMATION FOR 03-FEB-2000 FLIGHT 00-057

	START OF FLIGHT LINE						END OF FLIGHT LINE					
LINE	TIME HH:MM:SS	LAT DEG	LON DEG	SOLAR ZEN	SOLAR AZIM	START HEADING	TIME HH:MM:SS	LAT DEG	LON DEG	SOLAR ZEN	SOLAR AZIM	SCAN LINES
1	20:15:07	34.924	-116.289	51.5	185.1	48.20	20:34:07	36.335	-114.362	53.7	193.0	7099
2	20:34:08	36.336	-114.360	53.7	193.0	52.93	20:53:08	37.666	-112.336	56.5	200.4	7099
3	20:53:48	37.700	-112.254	56.6	200.6	71.58	21:02:49	38.000	-111.051	57.9	204.3	3369
4	21:05:38	37.825	-110.959	58.2	204.9	238.11	21:20:48	36.936	-112.916	58.1	207.1	5666
5	21:20:49	36.935	-112.918	58.1	207.1	237.73	21:36:00	36.015	-114.824	58.0	209.3	5671
6	21:36:32	35.979	-114.885	57.9	209.4	228.88	21:40:59	35.636	-115.351	57.9	210.2	1663

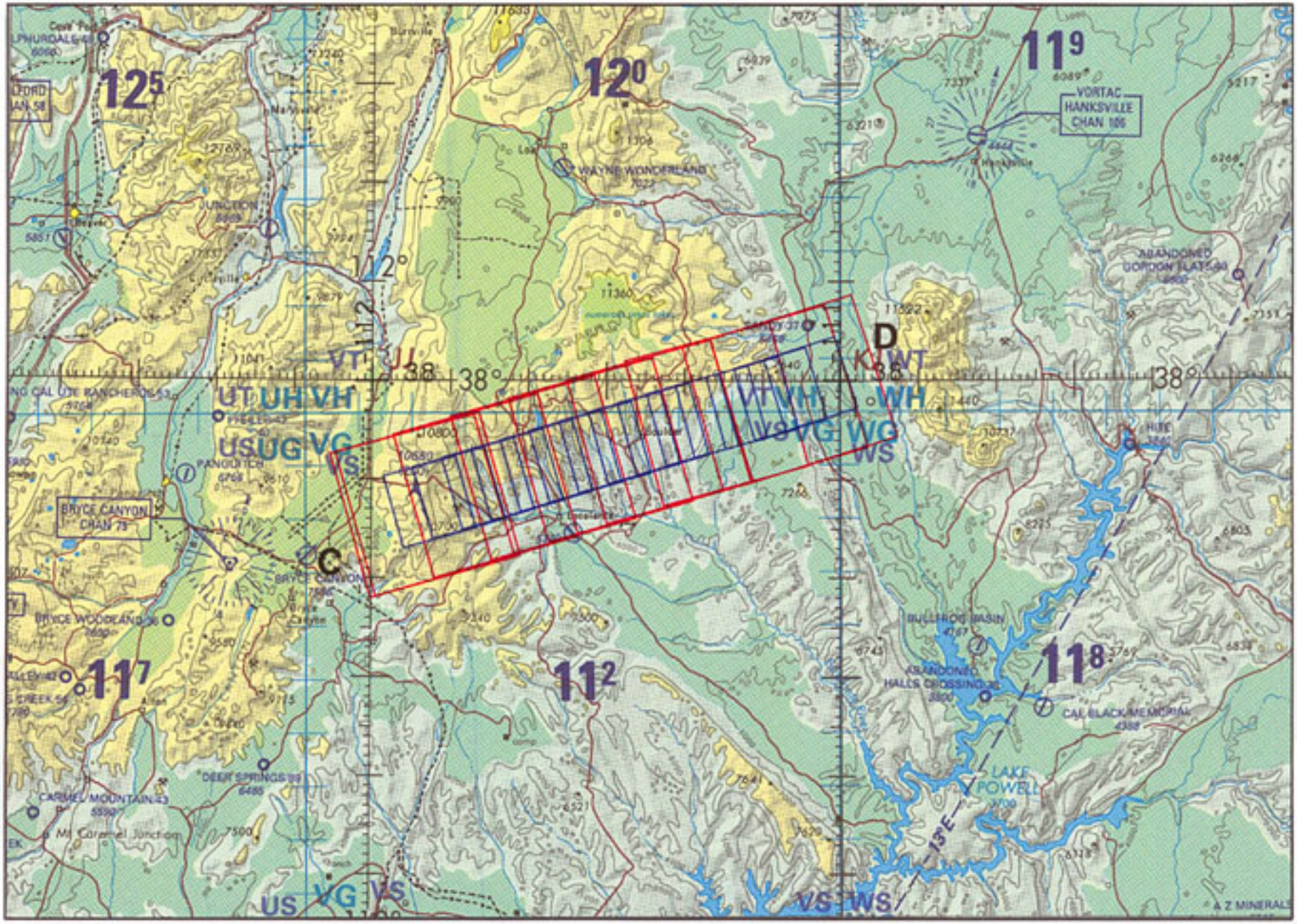
NUMBER OF FILES FOR THIS FLIGHT = 6
TOTAL NUMBER OF SCAN LINES = 30567
DATE THESE FILES WERE PROCESSED = 24-May-00
DATE THIS LIST WAS CREATED = 30-May-00
GRANULE VERSION = 9



FLIGHT 00-057 3 FEBRUARY 2000 A/C 806 DUAL RC-10 / MAS50



FLIGHT 00-057 3 FEBRUARY 2000 A/C 806 DUAL RC-10 ONC G-18



FLIGHT 00-057 3 FEBRUARY 2000 A/C 806 DUAL RC-10 ONC G-19