

## FLIGHT SUMMARY REPORT

**Flight Number:** 04-617

**Calendar/Julian Date:** 19 November 2003 (323)

**Sensor Package:** MODIS Airborne Simulator (MAS50)  
 NPOESS Atmospheric Sounding Testbed Interferometer (NAST-I)  
 NPOESS Atmospheric Sounding Testbed Microwave Sounder (NAST-M)  
 High Resolution Interferometer Sounder (S-HIS)  
 Mini Video Imaging System (MVIS)  
 In Situ Ozone (LaRCO<sub>3</sub>)

**Area(s) Covered:** Atlantic Ocean (AQUA Underpass)

**Investigator(s):** Smith, NASA-LRC                      **Aircraft Number:** 806  
 Murray, NASA-LRC

### SENSOR DATA

<b>Accession #:</b>	—	—	—	—	—	—	—
<b>Sensor ID #:</b>	108	122	123	083	137	118	138
<b>Sensor Type:</b>	MAS50	NAST-I	NAST-M	S-HIS	CPL	VIS	LaRCO <sub>3</sub>
<b>Focal Length:</b>	—	—	—	—	—	—	—
<b>Film Type:</b>	—	—	—	—	—	—	—
<b>Filtration:</b>	—	—	—	—	—	—	—
<b>Spectral Band:</b>	—	—	—	—	—	—	—
<b>f-Stop:</b>	—	—	—	—	—	—	—
<b>Shutter Speed:</b>	—	—	—	—	—	—	—
<b># of Frames:</b>	—	—	—	—	—	—	—
<b>% Overlap:</b>	—	—	—	—	—	—	—
<b>Quality:</b>	Good	—	—	—	—	—	—
<b>Remarks:</b>							

MODIS AIRBORNE SIMULATOR (MAS) FLIGHT LINE INFORMATION FOR 19 Nov 2003  
 NASA FLIGHT NUMBER 04-617

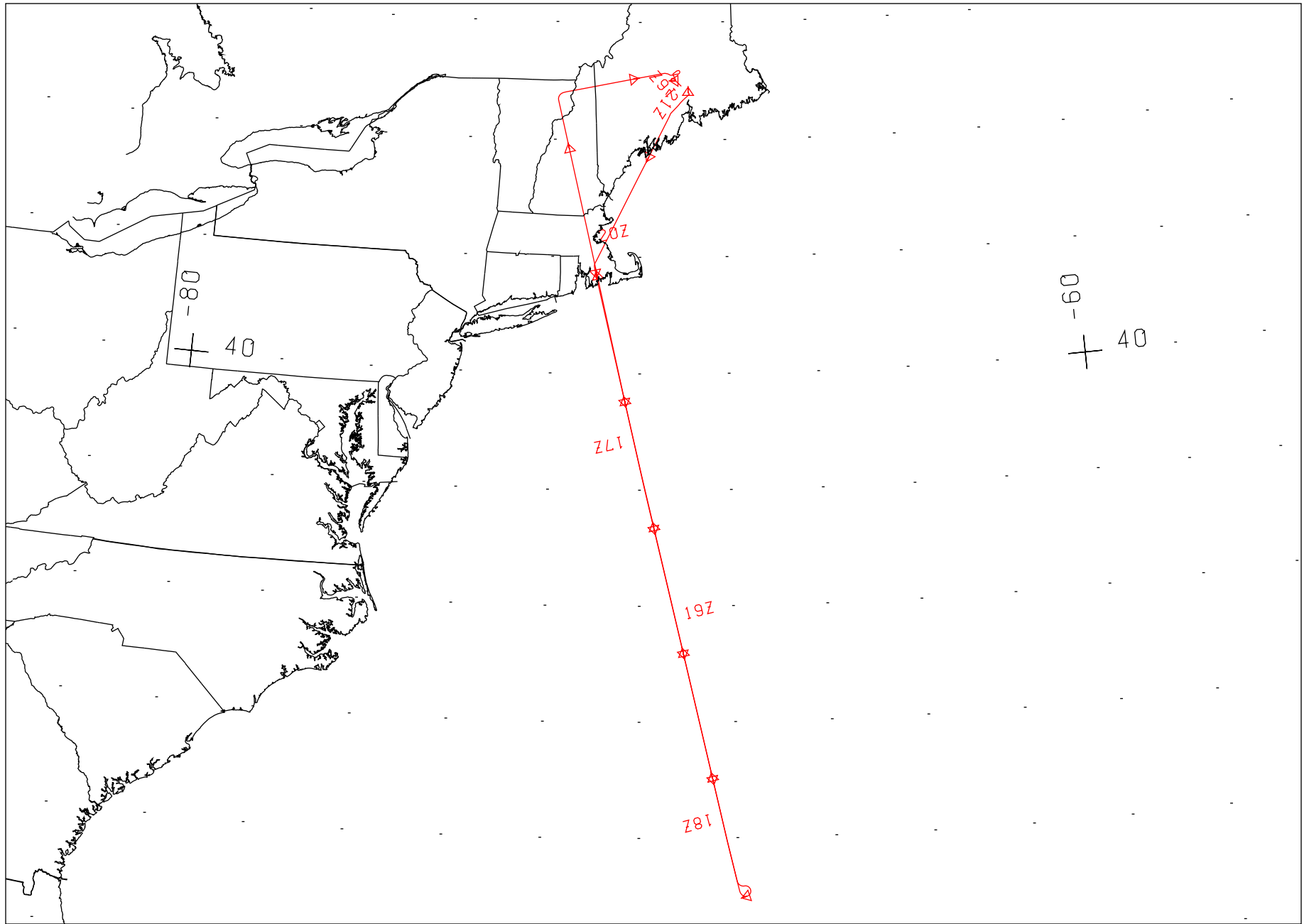
START OF FLIGHT LINE

END OF FLIGHT LINE

FLIGHT DATA

FLTL	TIME		LAT	LON	SOLAR		TIME		LAT	LON	SOLAR		SCAN	HEAD	ALT
	HH:MM:SS		DEG	DEG	ZEN	AZIM	HH:MM:SS		DEG	DEG	ZEN	AZIM	LINES	DEG	M (MSL)
1	16:25:28		42.700	-70.459	62.2	179.4	16:32:29		41.996	-70.927	61.5	180.8	2618	208.6	19388
2	16:34:09		41.821	-71.006	61.3	181.2	17:00:56		38.858	-70.104	58.9	189.6	9999	167.9	19870
3	17:00:56		38.858	-70.104	58.9	189.6	17:27:43		35.964	-69.263	57.5	198.2	9999	167.3	19811
4	17:27:43		35.964	-69.263	57.5	198.2	17:54:29		33.056	-68.474	57.2	206.8	9999	167.1	19830
5	17:54:30		33.056	-68.474	57.2	206.8	18:10:55		31.251	-68.002	57.5	211.9	6134	167.1	19844
6	18:16:31		31.083	-67.955	58.1	213.4	18:43:17		33.934	-68.704	63.3	218.0	9999	347.6	19683
7	18:43:17		33.934	-68.705	63.3	218.0	19:10:04		36.824	-69.505	68.6	222.2	9999	347.8	19765
8	19:10:04		36.824	-69.505	68.6	222.2	19:36:50		39.734	-70.359	73.9	226.2	9999	347.7	19761
9	19:36:50		39.734	-70.359	73.9	226.2	20:03:37		42.623	-71.236	79.1	230.2	9999	346.3	19726
10	20:03:37		42.623	-71.236	79.1	230.2	20:22:35		44.663	-71.907	82.7	233.1	7086	344.8	19801

NUMBER OF FILES FOR THIS FLIGHT = 10  
 TOTAL NUMBER OF SCAN LINES = 85831  
 DATE THESE FILES WERE PROCESSED = 05-Feb-2004  
 DATE THIS LIST WAS CREATED = Thu Feb 5 14:26:49 PST 2004  
 GRANULE VERSION = 1

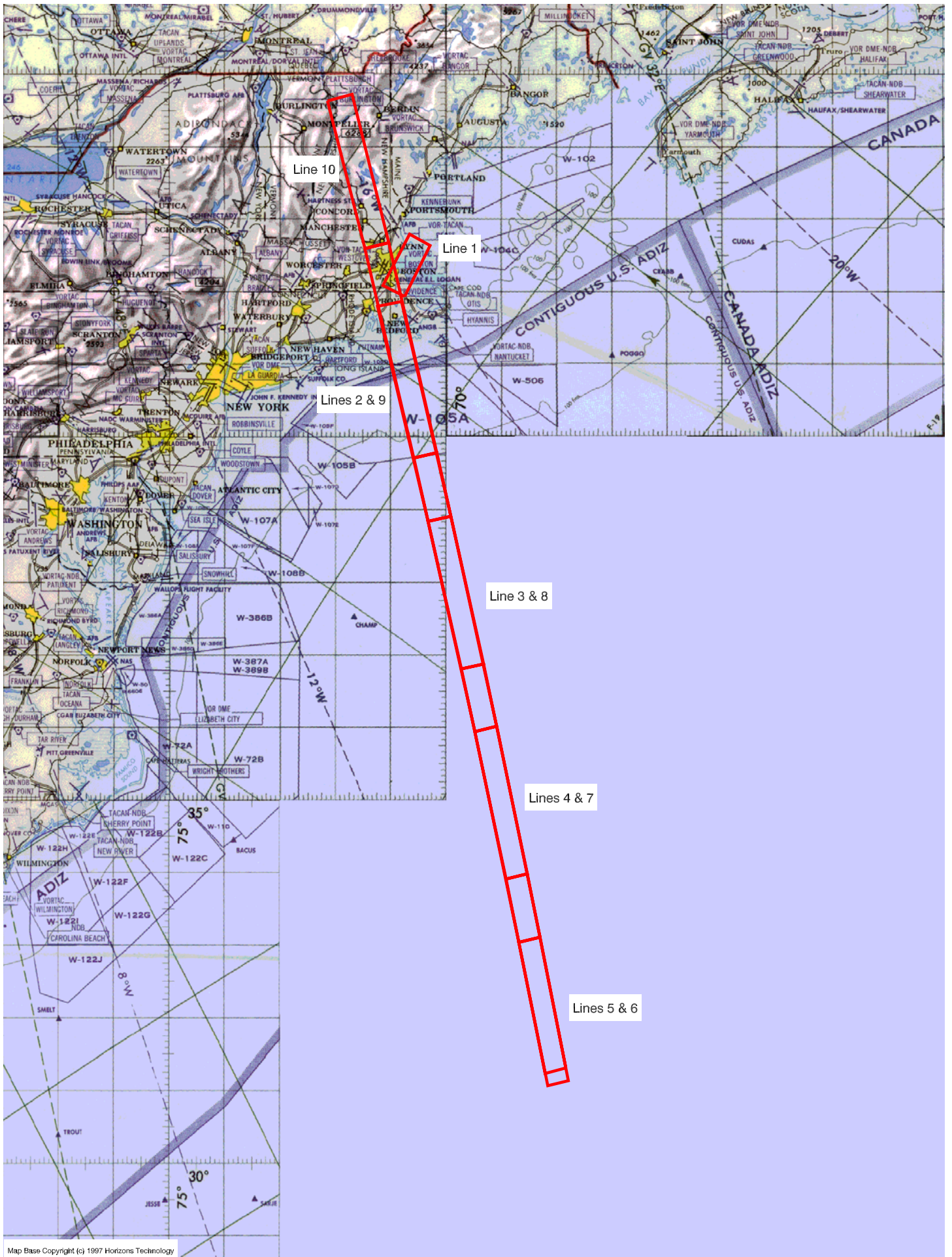


FLIGHT 04-6017 / 04-617

19 NOVEMBER 2003

A/C 806

MAS / SHIS / NAST-I / NAST-M / CPL / OZONE / VIS



MAS-50

A/C 806

19 November 2003

Flight 04-617