

FLIGHT SUMMARY REPORT

Flight Number: 04-622

Calendar/Julian Date: 5 December 2003 (339)

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 (LaRCO₃)

Area(s) Covered: Atlantic Ocean – AQUA Underpass

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

SENSOR DATA

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

MODIS AIRBORNE SIMULATOR (MAS) FLIGHT LINE INFORMATION FOR 05 Dec 2003
 NASA FLIGHT NUMBER 04-622

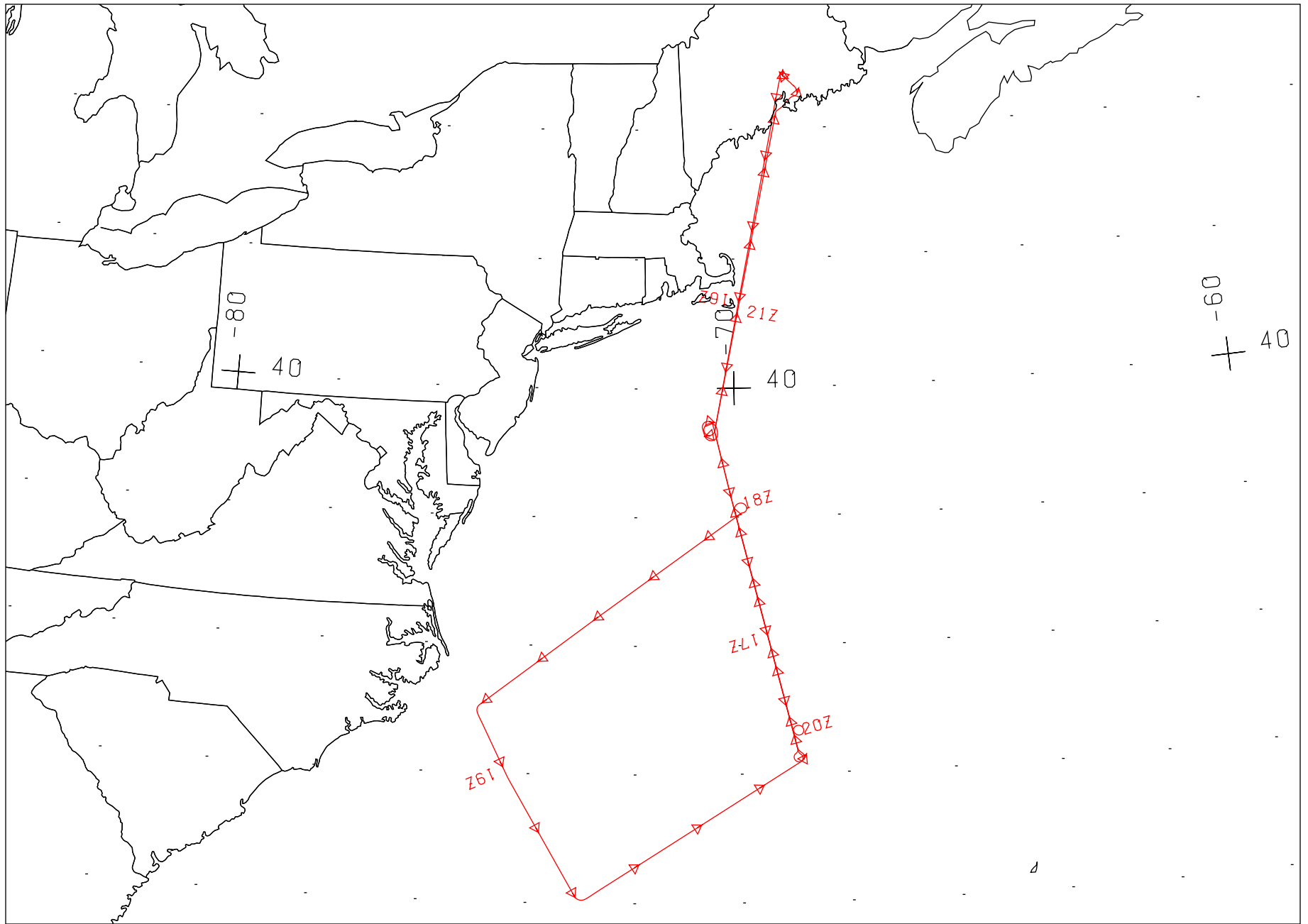
START OF FLIGHT LINE

END OF FLIGHT LINE

FLIGHT DATA

FLTL	TIME		LAT		LON		SOLAR		TIME		LAT		LON		SOLAR		SCAN	HEAD	ALT
	HH:MM:SS	DEG	DEG	DEG	ZEN	AZIM	HH:MM:SS	DEG	DEG	ZEN	AZIM	DEG	DEG	ZEN	AZIM	LINES	DEG	M (MSL)	
1	15:51:30	42.346	-69.597	65.3	170.3	16:18:17	39.418	-70.379	61.9	176.3	9999	195.7	19078						
2	16:30:39	39.427	-70.432	61.8	179.4	16:57:26	36.497	-69.545	59.2	187.6	9999	171.9	19640						
3	16:57:27	36.497	-69.545	59.2	187.6	17:16:37	34.378	-68.928	58.0	193.6	7158	170.1	19941						
4	17:21:52	34.401	-68.934	58.3	195.0	17:24:01	34.636	-68.999	58.6	195.5	802	346.3	19850						
5	17:28:37	34.663	-69.002	58.9	196.7	17:55:24	37.575	-69.867	63.2	202.0	9999	342.7	19853						
6	17:55:24	37.575	-69.867	63.2	202.0	18:00:05	38.095	-70.028	64.0	202.9	1748	343.2	19957						
7	18:04:09	38.046	-69.925	64.3	204.0	18:30:56	36.374	-72.822	64.1	208.0	9999	235.4	19806						
8	18:30:57	36.374	-72.822	64.1	208.0	18:50:52	35.056	-74.915	64.1	211.0	7438	234.1	19946						
9	18:52:17	34.917	-74.950	64.1	211.3	19:19:04	32.219	-73.152	66.0	219.4	9999	156.6	19958						
10	19:21:55	32.073	-72.867	66.4	220.2	19:48:42	33.725	-69.759	73.3	227.3	9999	60.2	19953						
11	19:48:42	33.726	-69.759	73.3	227.3	19:56:01	34.163	-68.888	75.3	229.2	2731	58.6	19979						
12	19:57:58	34.334	-68.916	75.7	229.5	20:24:45	37.233	-69.764	81.2	233.0	9999	344.7	19971						
13	20:24:45	37.234	-69.764	81.2	233.0	20:43:50	39.302	-70.391	85.1	235.6	7120	343.4	20083						
14	20:44:16	39.351	-70.393	85.2	235.7	21:11:04	42.377	-69.559	91.6	240.6	9999	5.6	19950						

NUMBER OF FILES FOR THIS FLIGHT = 14
 TOTAL NUMBER OF SCAN LINES = 106989
 DATE THESE FILES WERE PROCESSED = 18-Feb-2004
 DATE THIS LIST WAS CREATED = Wed Feb 18 11:19:53 PST 2004
 GRANULE VERSION = 1

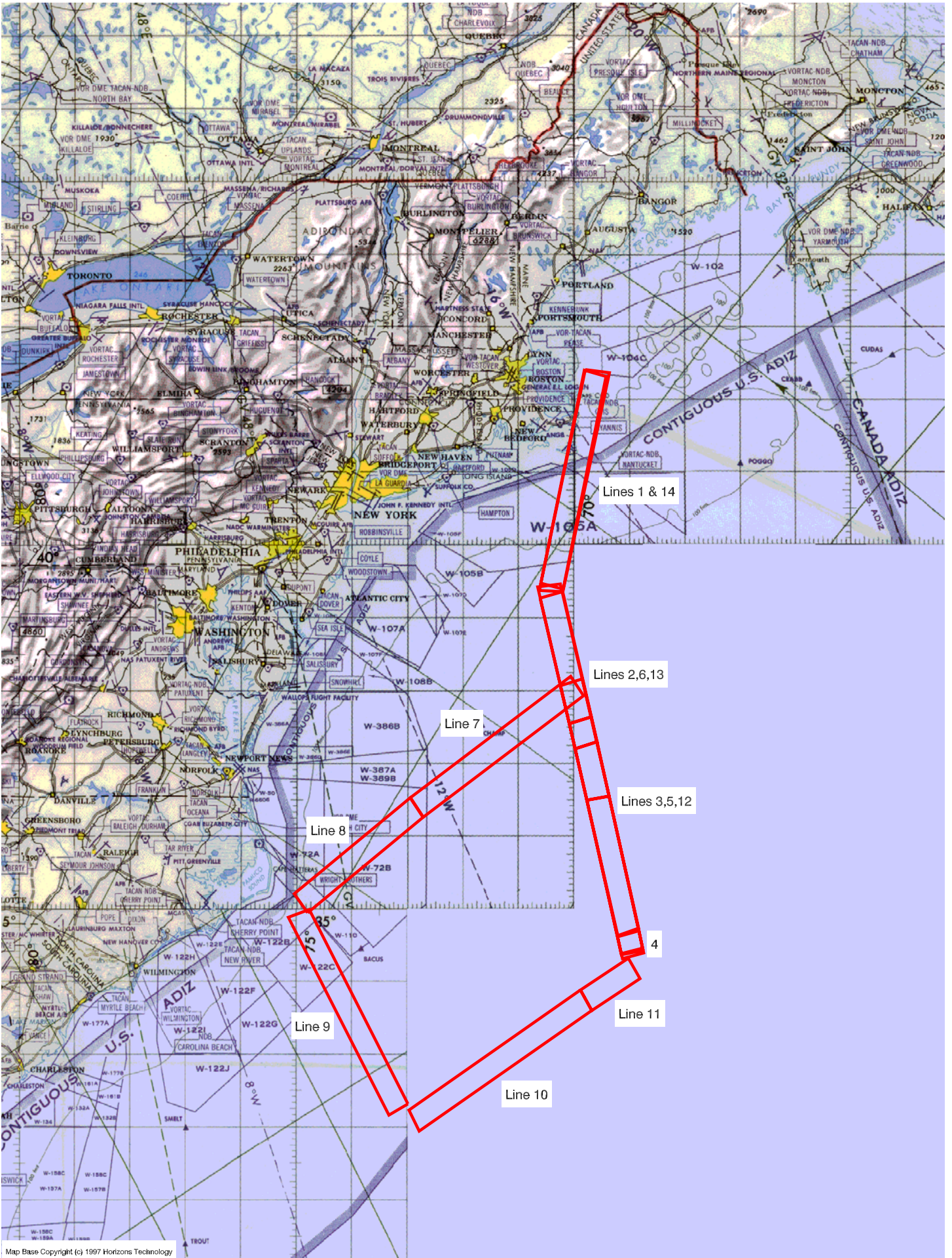


FLIGHT 04-6022 / 04-622

5 DECEMBER 2003

A/C 806

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



MAS-50

A/C 806

5 December 2003

Flight 04-622