FLIGHT SUMMARY REPORT

Flight Number: 04-949

Calendar/Julian Date: 17 August 2004(230)

Sensor Package: Wild-Heerbrugg RC-10
Airborne Visible-Infrared Imaging Spectrometer (AVIRIS)
Cirrus Digital Camera System (DCS)

Area(s) Covered: Southern Florida

Investigator(s): Guild, NASA Ames Research Center **Aircraft Number:** 809

SENSOR DATA

Accession #:	05812	___	05822
Sensor ID #:	034	099	148
Sensor Type:	RC-10	AVIRIS	DCS
Focal Length:	304.66 mm 12”	___	50mm
Film Type:	Aerochrome MS 2448	___	___
Filtration:	HF3	___	___
Spectral Band:	415-700 nm	___	___
f-Stop:	11	___	___
Shutter Speed:	1/250	___	___
# of Frames:	136	___	___
% Overlap:	60	___	___
Quality:	Excellent	___	Good

Remarks:

CAMERA FLIGHT LINE DATA
FLIGHT NO. 04-949

Accession # 05812

Sensor # 034

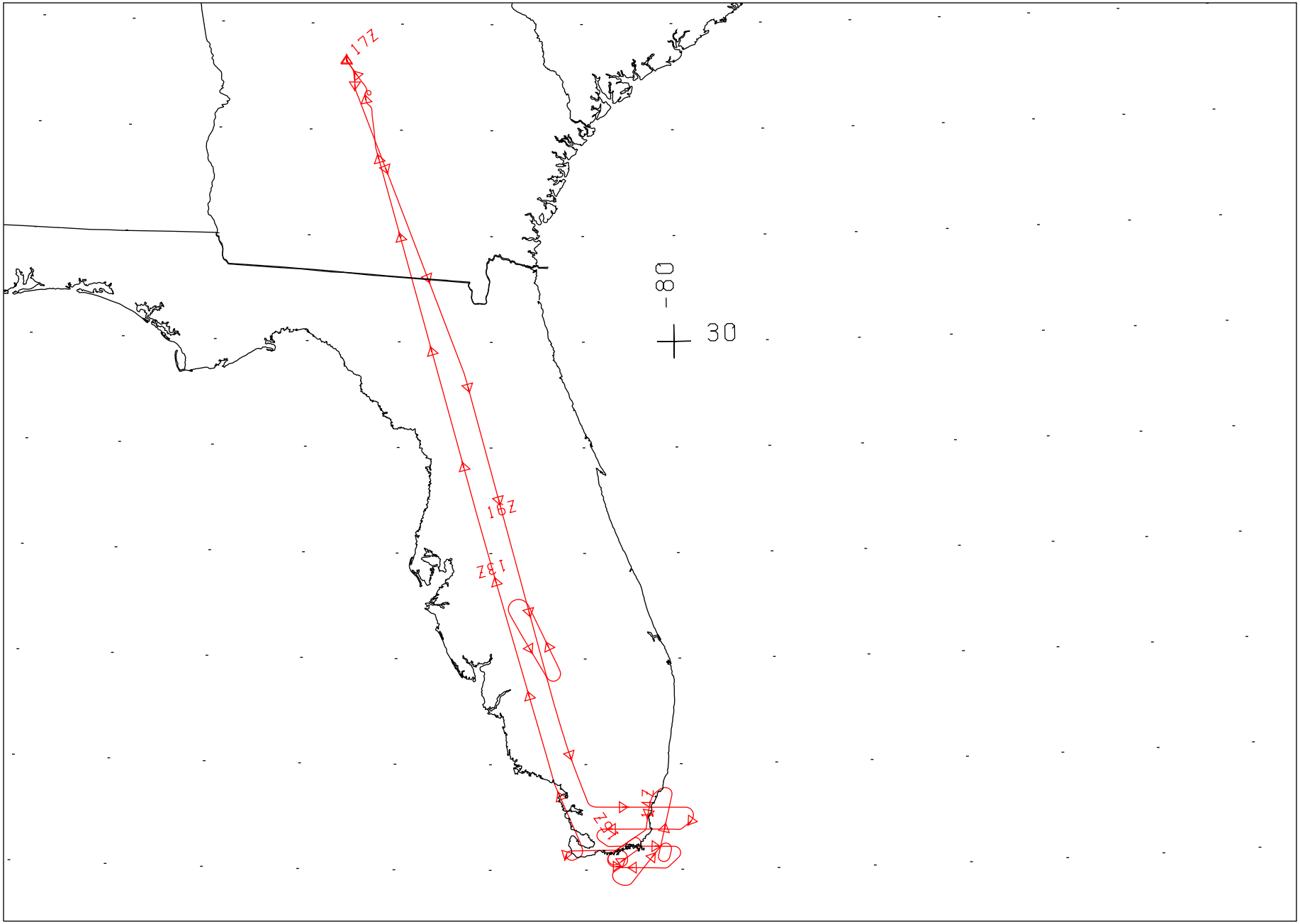
Check Points	Frame Numbers	Time (GMT-hr, min, sec)		Altitude, MSL feet/meters	Cloud Cover/Remarks
		START	END		
A - B	6702-6719	13:43:09	13:51:05	45000/13720	20 - 50% cumulus
C - D	6729-6739	13:57:09	14:05:36	45000/13720	10 - 70% cumulus
E - F	6740-6753	14:11:04	14:16:41	45000/13720	10 - 60% cumulus
G - H	6754-6764	14:21:21	14:25:35	45000/13720	10 - 30% cumulus
I - J	6765-6777	14:31:12	14:36:20	45000/13720	10 - 50% cumulus
K - L	6778-6794	14:41:48	14:48:44	45000/13720	10 - 70% cumulus
M - N	6795-6800	14:53:45	14:56:02	45000/13720	20 - 30% cumulus
O - P	6801-6807	15:09:50	15:12:10	45000/13720	30 - 40% cumulus
E - Q	6808-6820	15:18:31	15:23:35	45000/13720	30 - 80% cumulus
R - S	6821-6837	15:28:46	15:35:38	45000/13720	10 - 70% cumulus

CAMERA FLIGHT LINE DATA
FLIGHT NO. 04-949

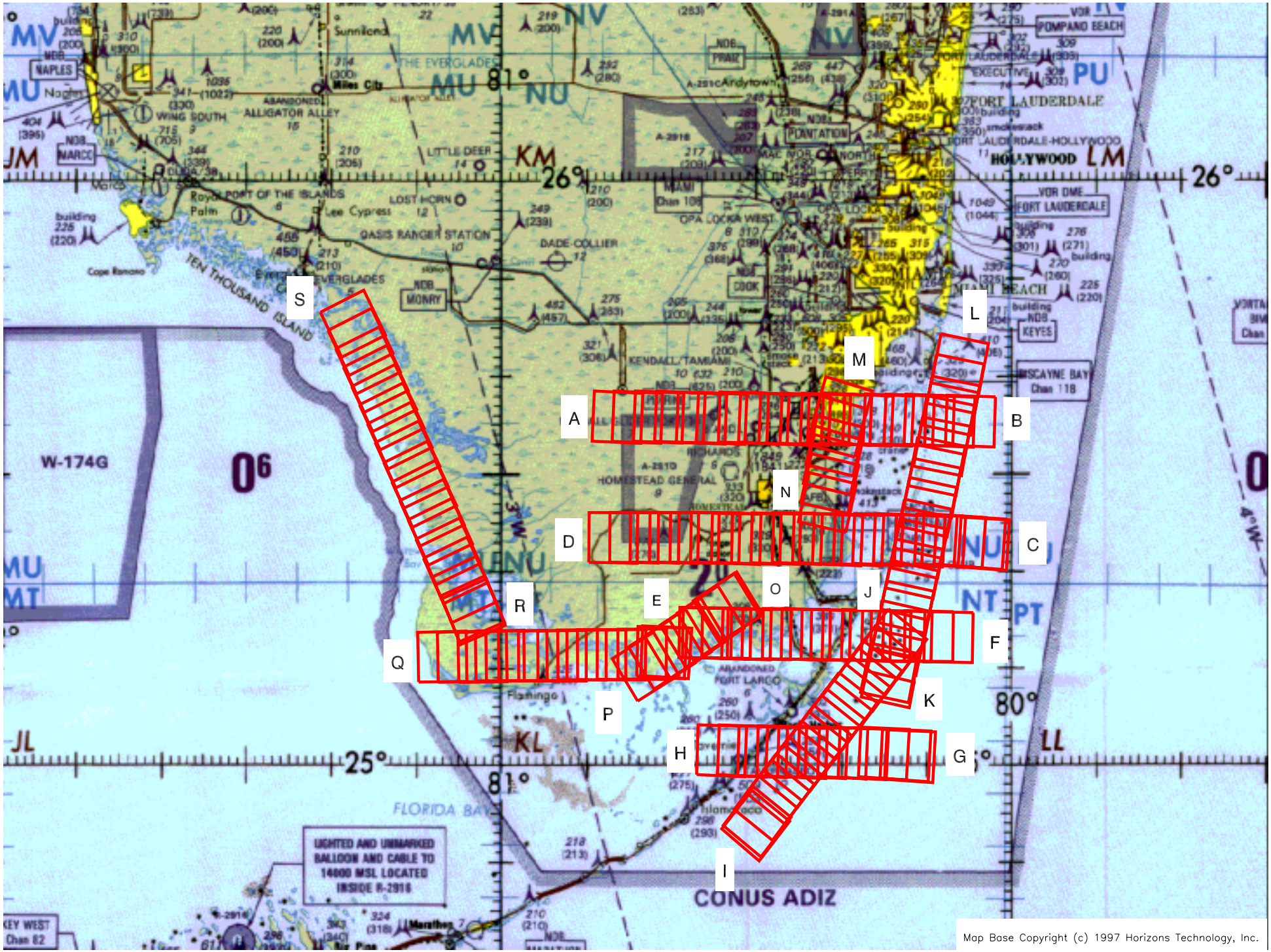
Accession # 05822

Sensor # 148

Check Points	Frame Numbers	Time (GMT-hr, min, sec)		Altitude, GPS feet/meters	Flight Direction / Heading
		START	END		
A - B	1021-1037	13:43:02	13:51:06	47200/14390	92° ; east
C - D	1038-1054	13:57:36	14:05:41	47200/14390	272° ; west
E - F	1055-1065	14:11:30	14:16:36	47200/14390	92° ; east
G	1066	14:21:48	14:21:48	47100/14360	273° ; west



FLIGHT 04-949 17 AUGUST 2004 A/C 809 AVIRIS / DCS / RC-10 / LAC



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