

FLIGHT SUMMARY REPORT

Flight Number: 04-950
Calendar/Julian Date: 18 August 2004(231)
Sensor Package: Wild-Heerbrugg RC-10
Airborne Visible-Infrared Imaging Spectrometer (AVIRIS)
Cirrus Digital Camera System (DCS)
Area(s) Covered: Mid Atlantic States
Investigator(s): Townsend, University of Maryland **Aircraft Number:** 809

SENSOR DATA

Accession #:	05813	___	05823
Sensor ID #:	034	099	148
Sensor Type:	RC-10	AVIRIS	DCS
Focal Length:	304.66 mm 12"	___	50mm
Film Type:	Aerochrome MS 2427	___	___
Filtration:	HF3	___	___
Spectral Band:	415-700 nm	___	___
f-Stop:	11	___	___
Shutter Speed:	1/250	___	___
# of Frames:	189	___	___
% Overlap:	60	___	___
Quality:	Excellent	___	Good

Remarks:

**CAMERA FLIGHT LINE DATA
FLIGHT NO. 04-950**

Accession # 05813

Sensor # 034

Page 1 of 2

Check Points	Frame Numbers	Time (GMT-hr, min, sec)		Altitude, MSL feet/meters	Cloud Cover/Remarks
		START	END		
A - B	6849-6856	13:29:37	13:32:55	65200/19880	10 - 40% cumulus frames 6852-6856
B - C	6857-6869	13:36:56	13:42:36	65500/19970	minor - 70% cumulus; (frames 6857-6858 & 6868-6869 oblique)
C - D	6870-6875	13:43:04	13:45:26	65200/19880	10 - 70% cumulus
E - F	6876-6885	13:48:52	13:53:07	65000/19820	20 - 60% cumulus; (frame 6876 oblique)
G - H	6886-6895	13:55:22	13:59:13	65200/19880	30 - 70% cumulus; (frame 6886-6889 oblique)
I - J	6896-6903	14:02:01	14:04:56	64800/19760	20 - 40% cumulus; (frames 6896-6898 oblique)
K - L	6904-6916	14:12:02	14:17:17	65200/19880	10 - 60% cumulus; (frames 6904-6905 & 6915-6916 oblique)
M - K	6917-6928	14:20:32	14:25:20	65000/19820	10 - 30% cumulus
N - O	6929-6941	14:27:25	14:32:40	65300/19910	10 - 60% cumulus; (frames 6929-6930 oblique)
P - Q	6942-6969	15:06:14	15:18:29	65300/19910	20 - 80% cumulus; (frames 6942-6944 oblique)
R - S	6970-6994	15:21:53	15:33:08	65200/19880	20 - 90% cumulus; (frames 6970-6971 oblique)

**CAMERA FLIGHT LINE DATA
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Page 2 of 2

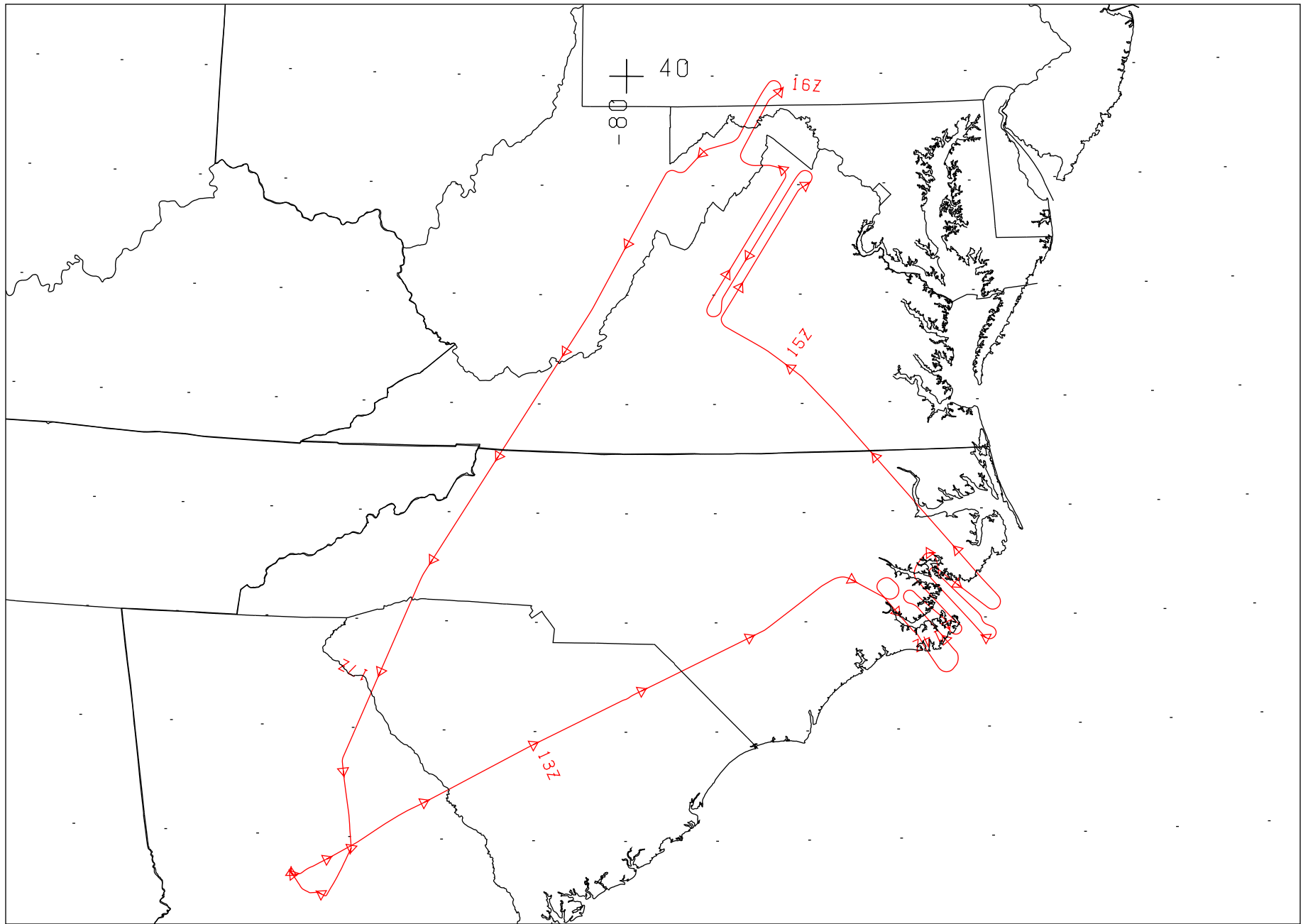
Check Points	Frame Numbers	Time (GMT-hr, min, sec)		Altitude, MSL feet/meters	Cloud Cover/Remarks
		START	END		
T - U	6995-7023	21:13:38	21:20:22	65200/19880	30 - 90% cirrus and cumulus; (frames 6995-6997 oblique)
V - W	7024-7036	21:26:21	21:33:04	65000/19820	50 - 90% cirrus and cumulus; (frames 7024-7026 oblique)
X	7037	21:38:02	21:44:45	64900/19790	100% cumulus, oblique frame

CAMERA FLIGHT LINE DATA
FLIGHT NO. 04-950

Accession # 05823

Sensor # 148

Check Points	Frame Numbers	Time (GMT-hr, min, sec)		Altitude, GPS feet/meters	Flight Direction / Heading
		START	END		
A - B	1069-1075	13:29:30	13:32:30	66300/20210	119° ; southeast
B - D	1076-1092	13:37:17	13:45:16	66600/20300	140° ; southeast
E - F	1093-1100	13:49:13	13:52:43	66200/20180	322° ; northwest
G - H	1101-1107	13:55:48	13:58:48	66300/20210	134° ; southeast
I - J	1108-1113	14:02:27	14:04:58	66000/20120	319° ; northwest
K - L	1114-1123	14:12:28	14:16:58	66400/20240	136° ; southeast
M- K	1124-1133	14:20:59	14:25:29	66200/20180	320° ; northwest
N - O	1134-1144	14:27:50	14:32:51	66500/20270	130° ; southeast
P - Q	1145-1169	15:06:40	15:18:42	66400/20240	33° ; northeast
R - S	1170-1192	15:22:14	15:33:15	66300/20210	211° ; southwest
T - U	1193-1217	15:36:30	15:48:31	66300/20210	33° ; northeast
V - W	1218-1227	15:53:24	15:57:55	66100/20150	30° ; northeast

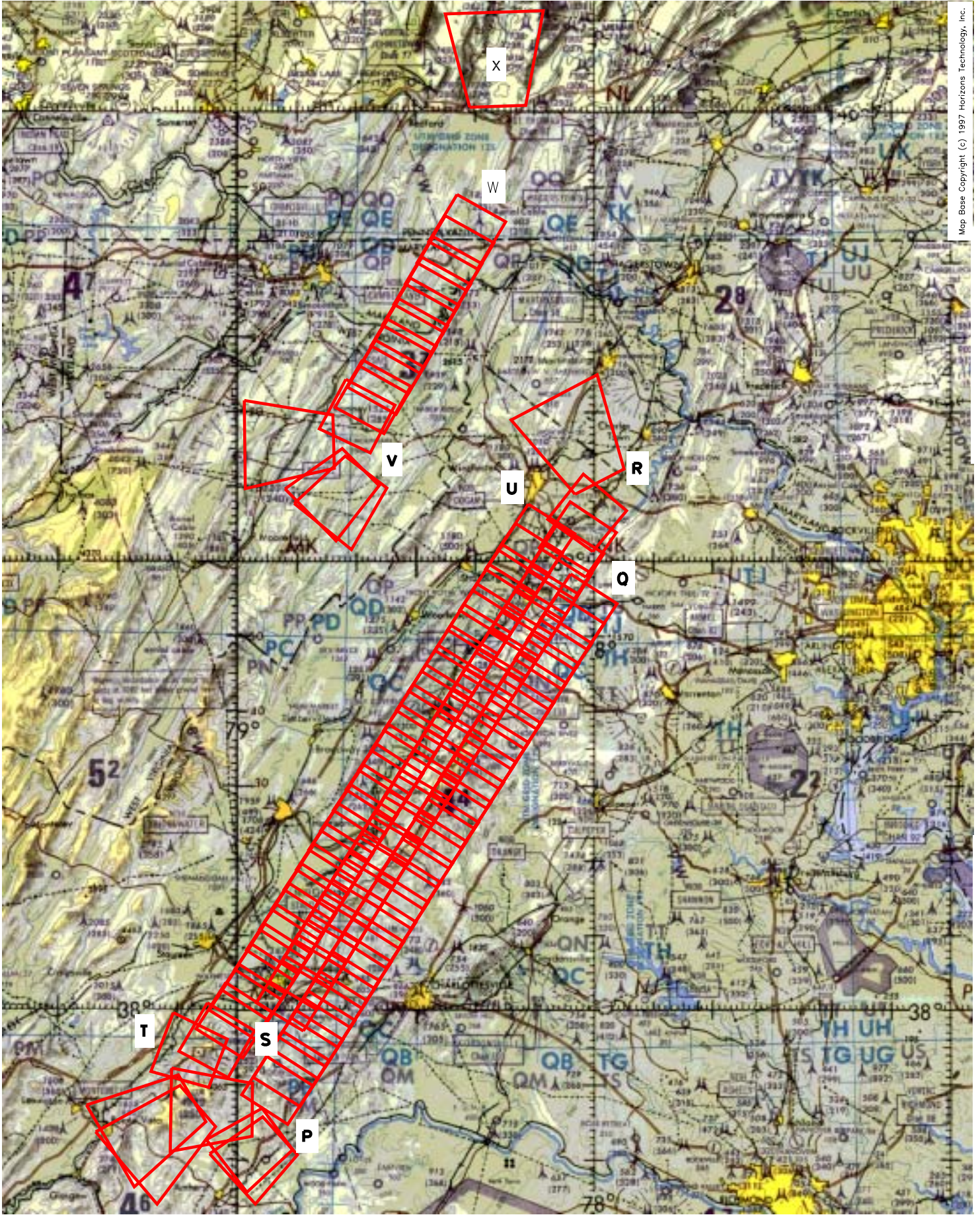


FLIGHT 04-950

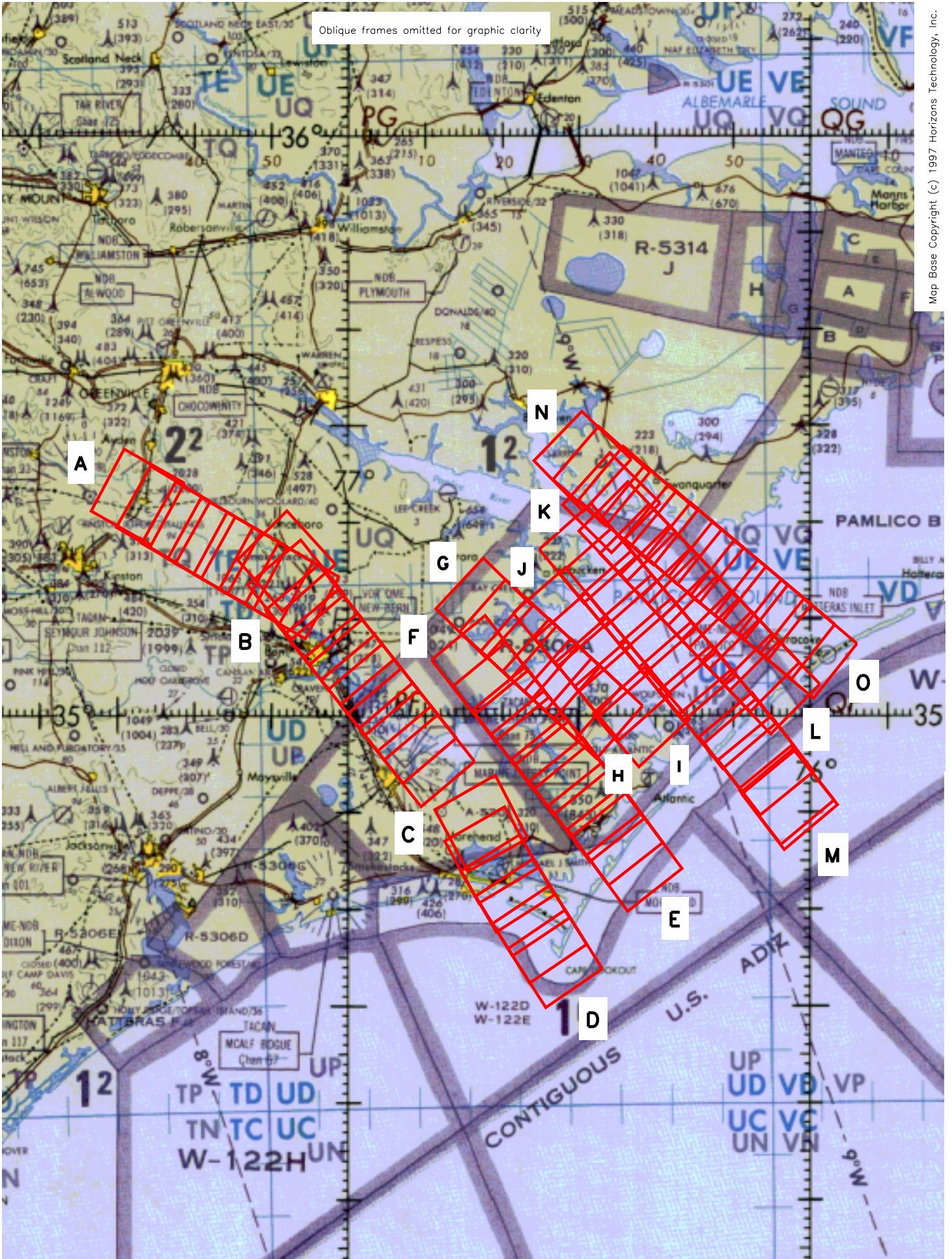
18 AUGUST 2004

A/C 809

AVIRIS / DCS / RC-10 / LAC



Oblique frames omitted for graphic clarity



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RC-10

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