FLIGHT SUMMARY REPORT

Flight Number:	00-107
Calendar/Julian Date:	14 May 2000 • 135
Sensor Package:	Wild Heerbrugg RC-10 Airborne Visible Infrared Imaging Spectrometer (AVIRIS)
Area(s) Covered:	Shenandoah National Park, VA; Green Ridge State Forest/Savage River State Forest, MD

Investigator(s): Townsend, U of Maryland Center for Environmental Science

Aircraft #: 809

SENSOR DATA

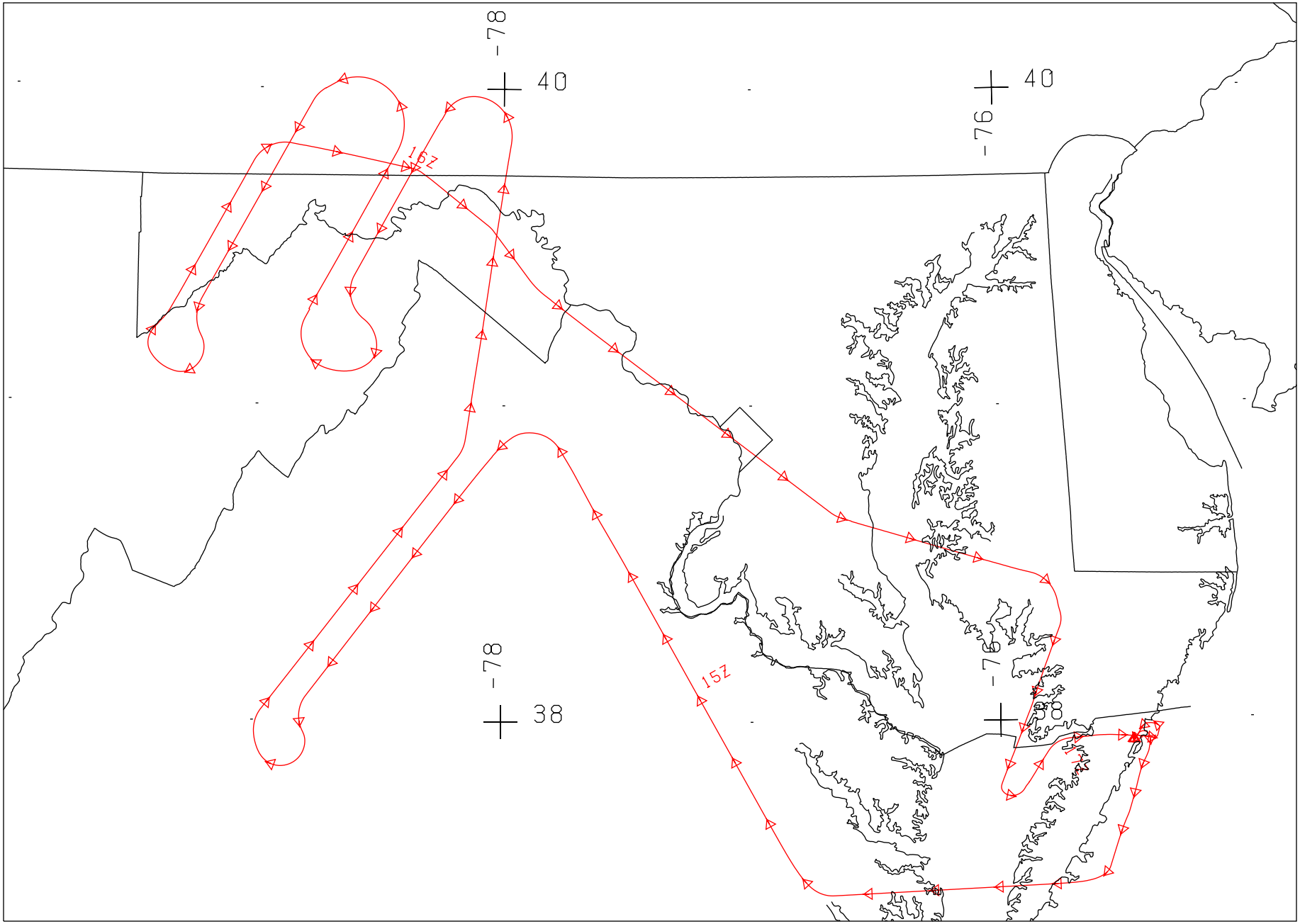
Accession #:	05488	-----
Sensor ID #:	076	099
Sensor Type:	RC-10	AVIRIS
Focal Length:	12” 304.89 mm	-----
Film Type:	Aerochrome IR SO-134	-----
Filtration:	Wratten 12	-----
Spectral Band:	510-900nm	-----
f Stop:	11	-----
Shutter Speed:	1/300	-----
# of Frames:	94	-----
% Overlap:	60	-----
Quality:	Excellent	
Remarks:	Add 8 seconds for correct UTC	

CAMERA FLIGHT LINE DATA
FLIGHT NO. 00-107

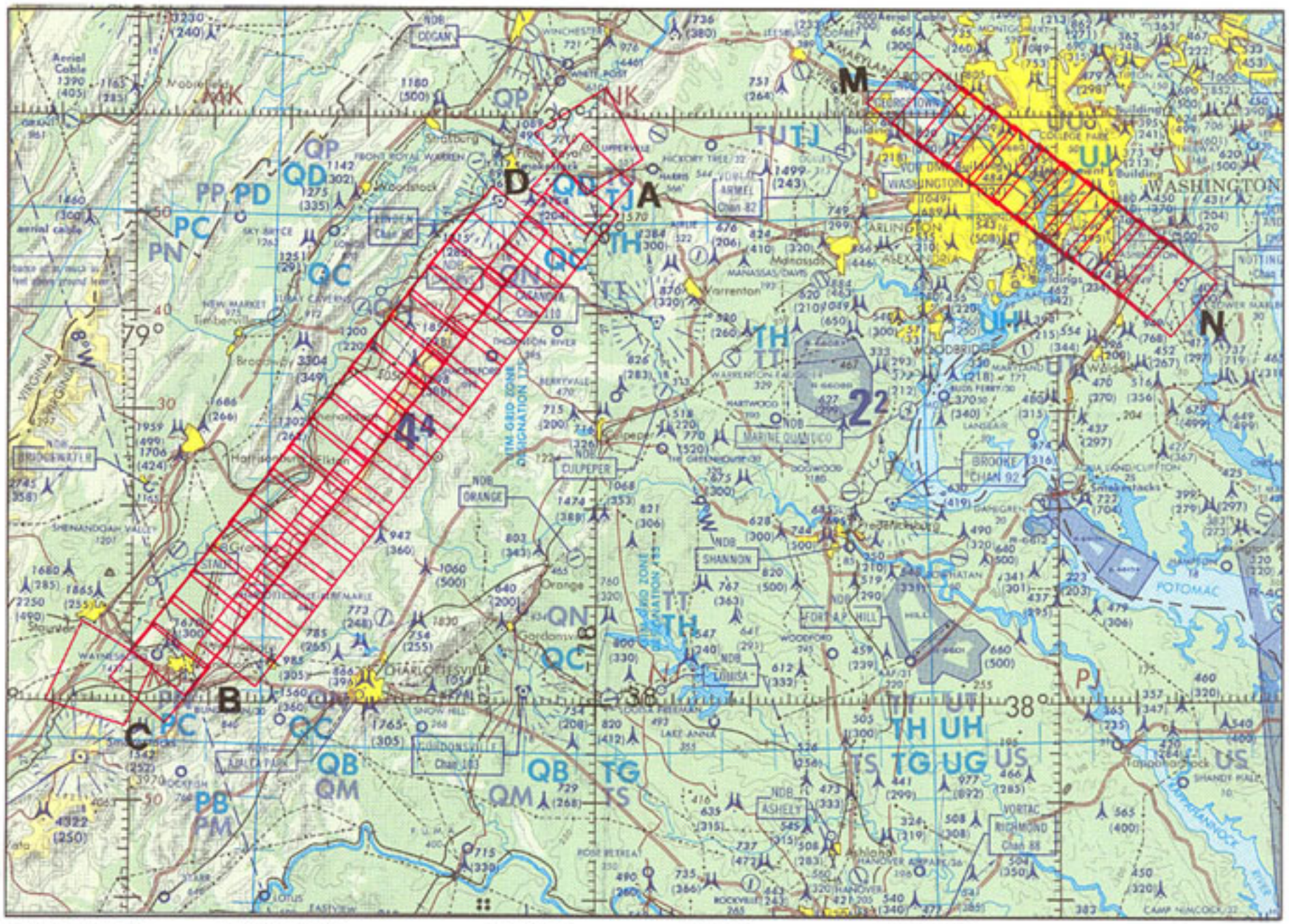
Accession # 05488

Sensor # 076

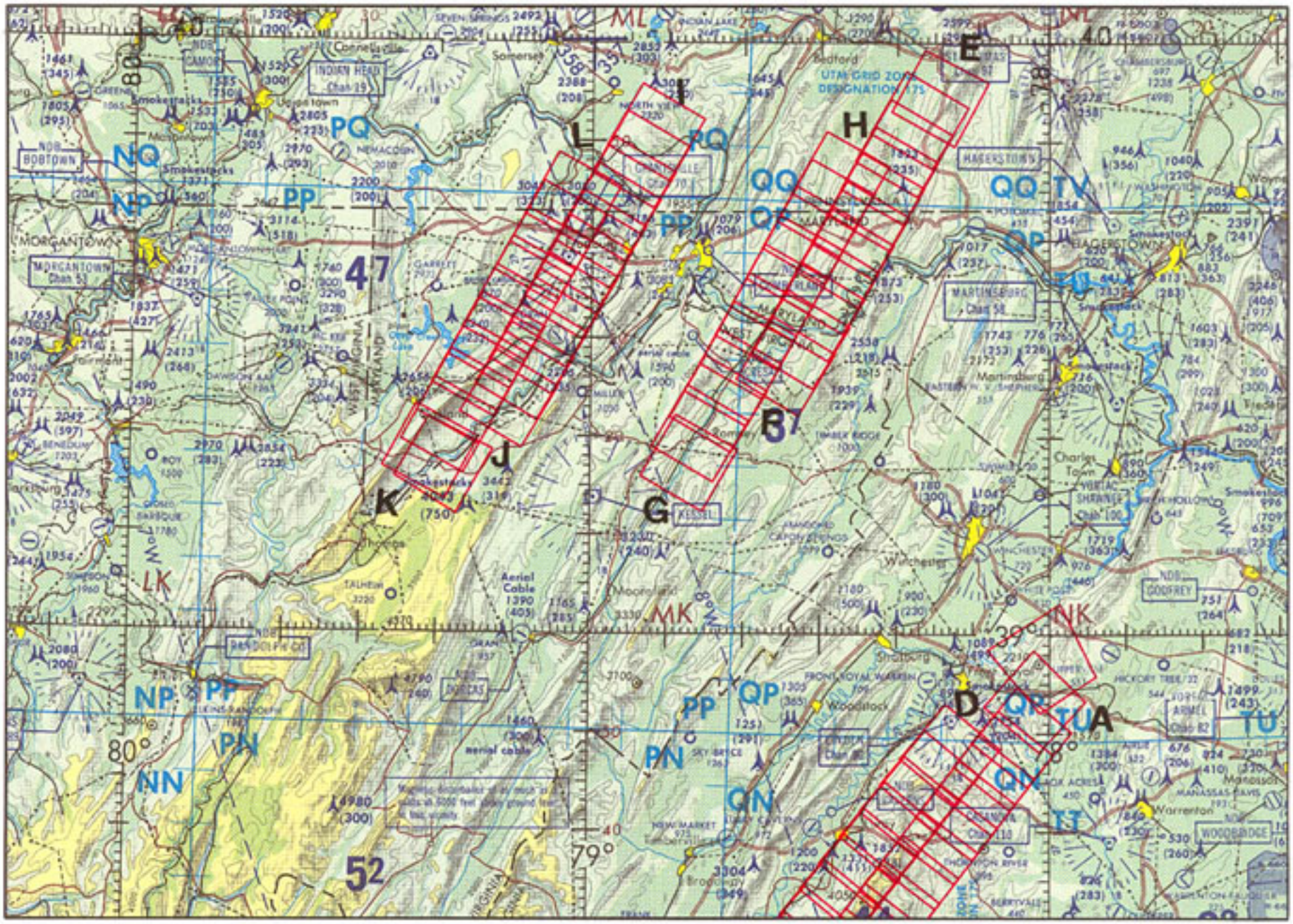
Check Points	Frame Numbers	Time (UTC-hr, min, sec)		Altitude, MSL feet/meters	Cloud Cover/Remarks
		START	END		
A - B	1784-1803	15:09:07	15:18:16	65100/19850	Minor cumulus, frames 1784-1786; frames 1784-1785 oblique
C - D	1804-1822	15:22:57	15:31:34	65100/19850	10% cirrus and cumulus, frames 1804-1810; 10% cumulus, frames 1813-1815; frame 1804 oblique
E - F	1823-1833	15:43:33	15:48:18	65500/19970	Minor1-% cumulus, frames 1823-1826and 1829-1833
G - H	1834-1844	15:54:47	15:59:31	65200/19880	Minor cumulus, frames 1734, 1740-1744
I - J	1845-1855	16:05:21	16:10:05	65300/19910	Minor-10% cumulus
K - L	1856-1866	16:15:47	16:20:07	64700/19730	10-20% cumulus; frame 1856 oblique
M - N	1867-1877	16:35:02	16:39:44	65300/19910	Haze and cirrus, frames 1870-1872; 10% cumulus, frame 1877



FLIGHT 00-107 14 MAY 2000 A/C 809 AVIRIS / RC-10



FLIGHT 00-107 14 MAY 2000 A/C 809 RC-10 ONC G-21



FLIGHT 00-107 14 MAY 2000 A/C 809 RC-10 ONC G-21