FLIGHT SUMMARY REPORT

Flight Number: 00-102

Calendar/Julian Date: 06 May 2000 • 127

Sensor Package: Wild Heerbrugg RC-10
Airborne Visible Infrared Imaging
Spectrometer (AVIRIS)

Area(s) Covered: Kendrick Creek, Neuse River, Contentnea, NC;
Warren County, Shenendoah National Park, VA

Investigator(s): Band, U of North Carolina; Slonecker, EPA
Townsend, U of Maryland Center for
Environmental Science

Aircraft #: 809

SENSOR DATA

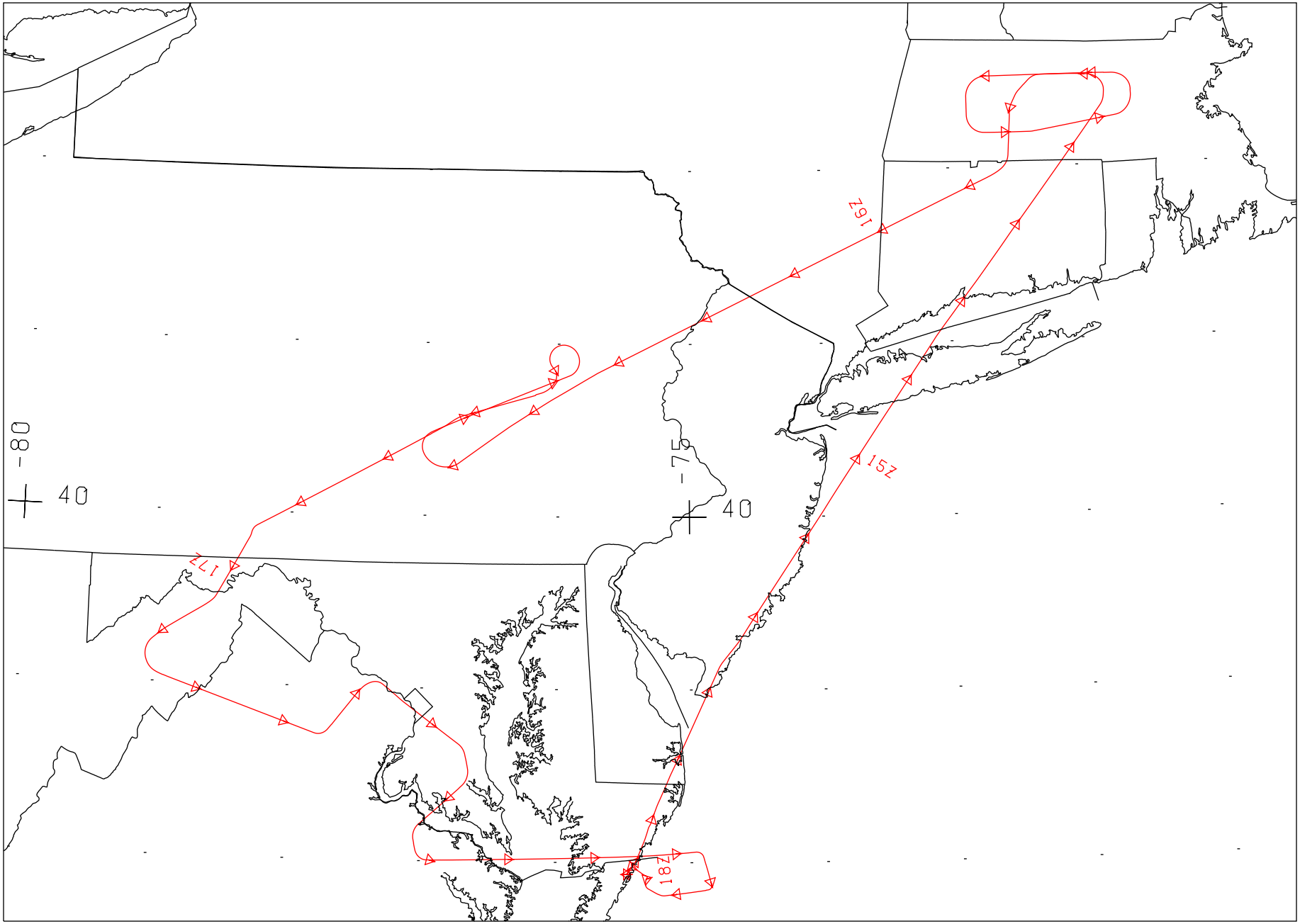
Accession #:	05484	-----
Sensor ID #:	076	099
Sensor Type:	RC-10	AVIRIS
Focal Length:	12” 304.89 mm	-----
Film Type:	Aerochrome IR SO-134	-----
Filtration:	Wratten 12	-----
Spectral Band:	510-900nm	-----
f Stop:	11	-----
Shutter Speed:	1/300	-----
# of Frames:	86	-----
% Overlap:	60	-----
Quality:	Excellent	
Remarks:	Add 15 seconds for correct UTC	

CAMERA FLIGHT LINE DATA
FLIGHT NO. 00-102

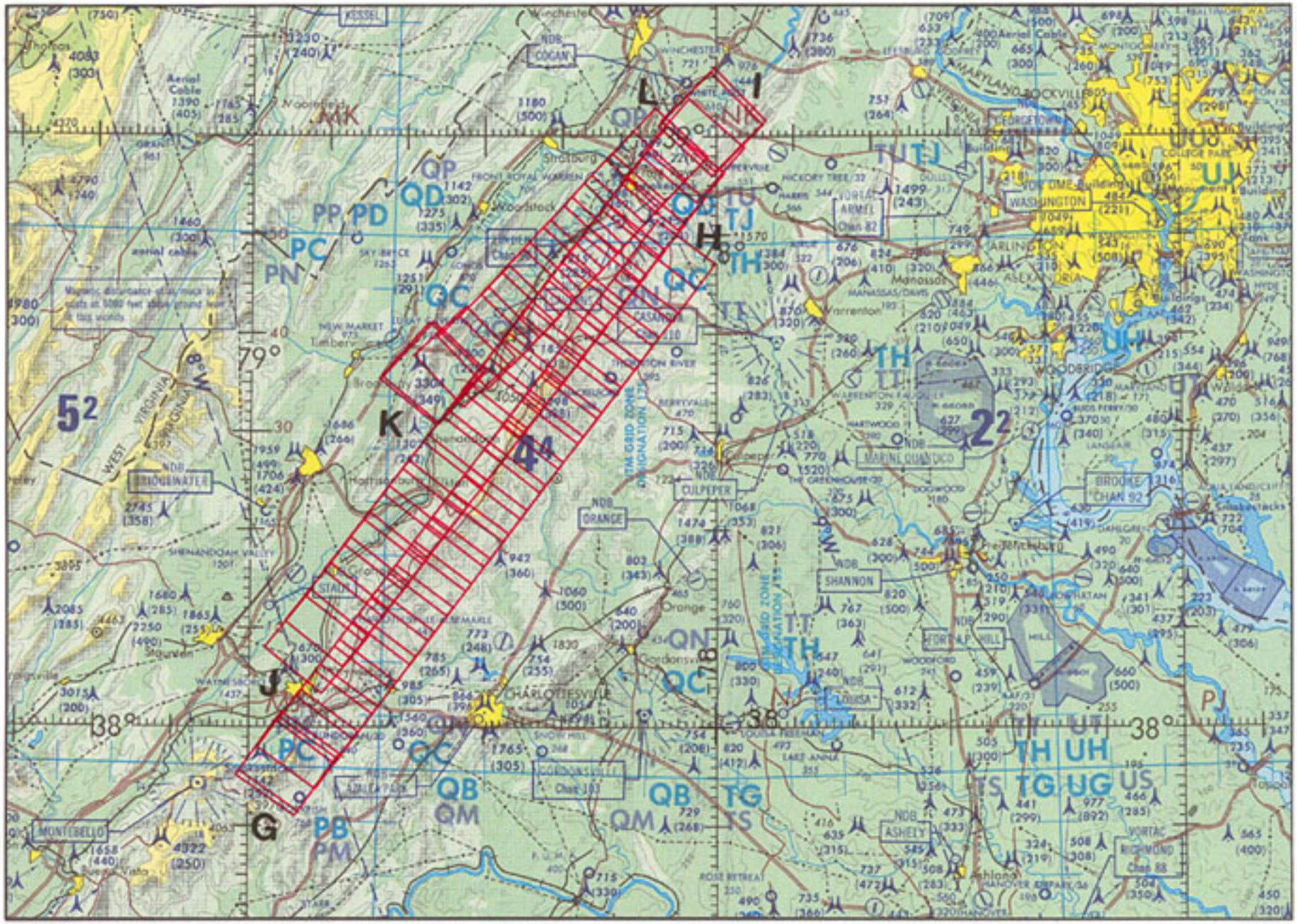
Accession # 05484

Sensor # 076

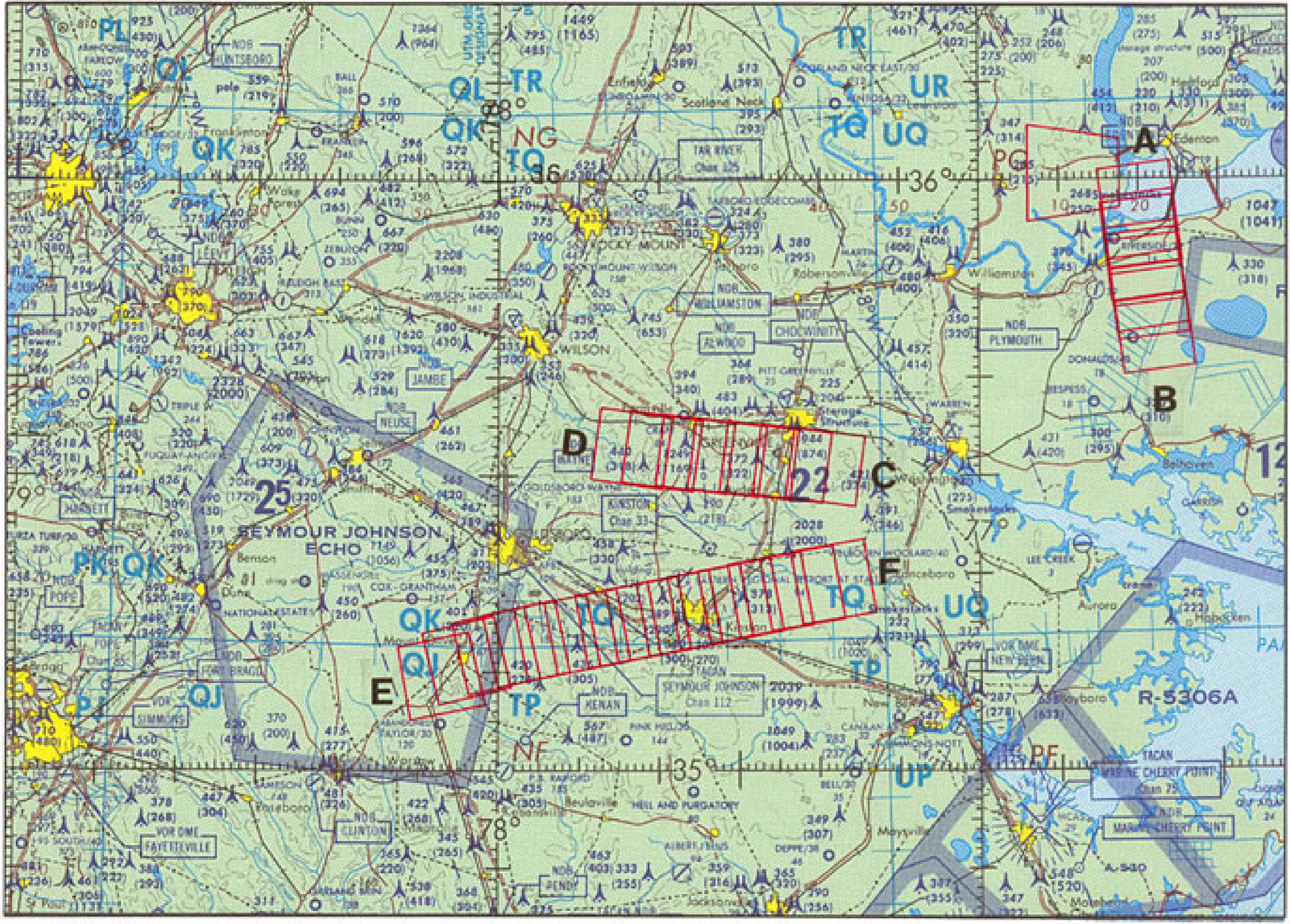
Check Points	Frame Numbers	Time (UTC-hr, min, sec) START	Time (UTC-hr, min, sec) END	Altitude, MSL feet/meters	Cloud Cover/Remarks
A	1512-1514	14:32:55	14:33:52	65500/19970	Clear
A - B	1515-1520	14:41:01	14:43:25	65200/19880	Clear, frame 1515 oblique
C - D	1521-1527	14:49:30	14:52:23	64500/19660	Clear
E - F	1528-1541	14:59:33	15:05:44	66600/20300	Clear, frame 1528 oblique
G - H	1542-1563	15:34:15	15:43:44	64200/19570	10% cumukus frames 1542-1544; minor cumulus frames 1546-1563
I - J	1564-1585	15:50:50	16:00:18	66500/20270	Minor-10% cumulus, frames 1564-1584
K - L	1586-1597	16:08:57	16:13:42	64400/19630	10-40% cumulus; frames 1586-1587 oblique



FLIGHT 00-103 7 MAY 2000 A/C 809 AVIRIS / RC-10



FLIGHT 00-102 6 MAY 2000 A/C 809 RC-10 ONC G-21



FLIGHT 00-102 6 MAY 2000 A/C 809 RC-10 ONC G-21