

G
70.4
F58

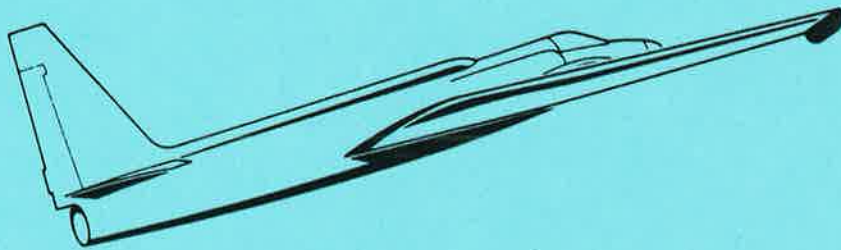
Airborne Instrumentation Research Project

Flight Summary Report

Flight No. 85-027

Date 9 February 1985

FSR-



NASA

National Aeronautics and
Space Administration

Ames Research Center
Moffett Field, California 94035

Airborne Missions and Applications Division

FLIGHT SUMMARY REPORT

Flight No: 85-027

Date: 9 February 1985

FSR No:

Julian Date: 040

Sensor Package: Iris II Panoramic Camera

Aircraft No: 709

Purpose of Flight: #1072 Support
Requestor: Lathrop

Area(s) Covered: northern Florida

SENSOR DATA

Accession No: 03432
Sensor ID No: 070
Sensor Type: Iris II
Focal Length: 24"
609.6mm
Film Type: High Definition
Aerochrome Infrared,
SO-131
Filtration: CC.30B
Spectral Band: 510-900nm
f Stop: 3.5
Shutter Speed: 1/173
No. of Frames: 1659
% Overlap: 60
Quality: Excellent
Remarks: ---

FLIGHT SUMMARY

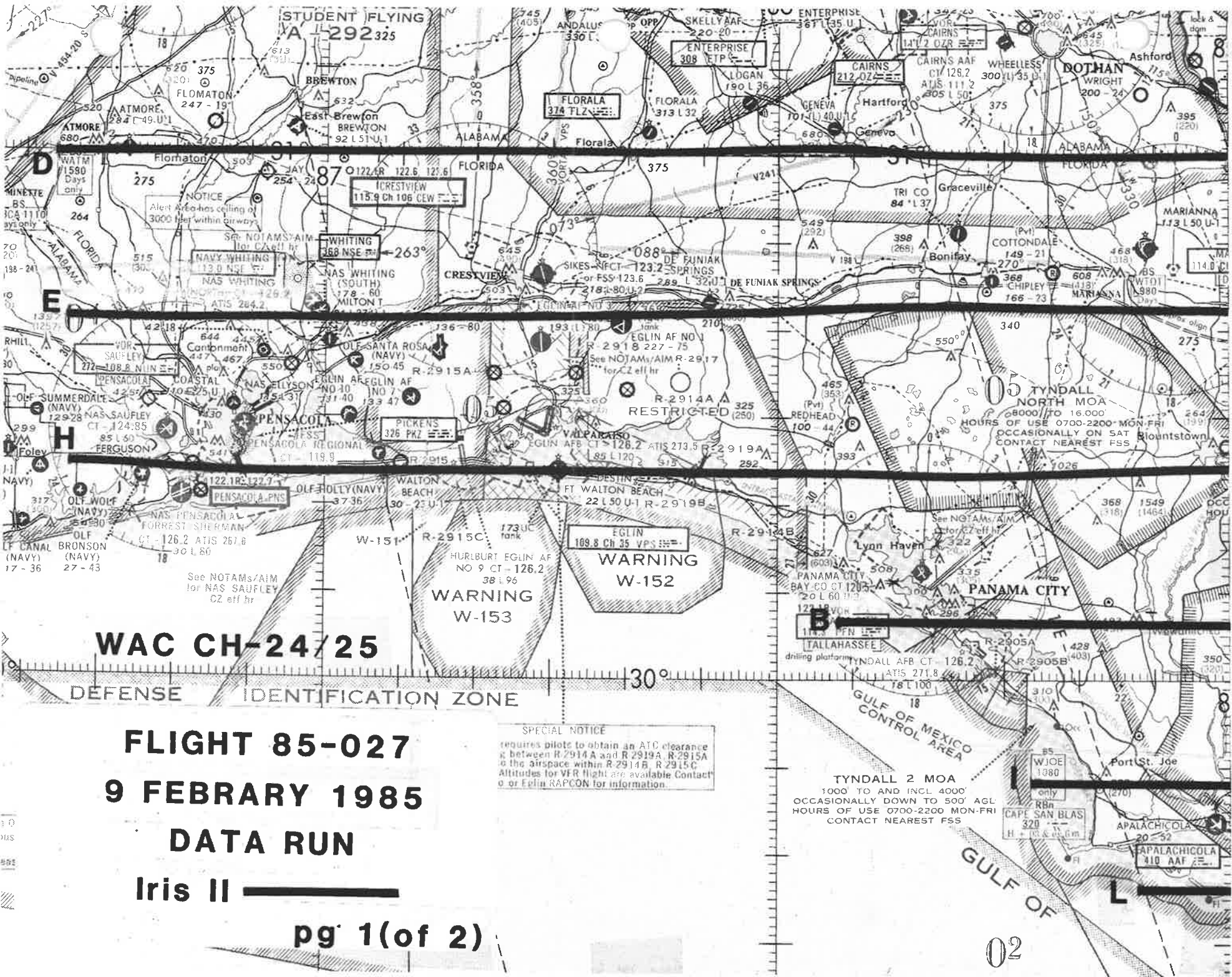
85-027

This flight was flown in support of Flight Request #1072 (Lathrop, USDA) under the FY 1985 Airborne Instrumentation Research Program (AIRP) plan. Iris II panoramic photography was acquired over northern Florida in support of a statewide citrus inventory (see Track Map).

No cloud cover was encountered during the flight, however some minor ground obscuration was encountered in several flight lines due to smoke. Very minor chemical staining or emulsion sensitivity defects were occasionally encountered throughout the flight. No other camera or processing malfunctions were noted and the quality of the data is rated as excellent.

CAMERA FLIGHT LINE DATA
FLIGHT NO. 85-027

Sensor #	Check Points	Frame Numbers	Time (GMT—hr, min, sec)		Altitude, MSL feet/meters	Cloud Cover/Remarks
			START	END		
070	A-B	0001-0313	15:15:18	16:12:15	65000/19800	
	C-D	0314-0491	16:12:23	16:39:44	"	
	E-F	0492-0848	16:39:52	17:28:42	"	minor obscuration due to smoke, frames, 0541-0544, frames, 0740-0741
	G-H	0849-1274	17:28:50	18:40:42	"	10-30% obscuration due to smoke, frames 1069-1082; minor smoke obscuration frames, 1089-1094, 1212-1218, 1224-1228
	I-J	1275-1333	18:40:50	18:54:40	"	
	K-L	1334-1355	18:54:48	19:10:39	"	
	M-N	1356-1498	19:10:47	19:34:32	"	minor obscuration due to smoke frames, 1387-1389
	O-P	1499-1659	19:34:40	20:57:43	"	minor obscuration due to smoke frames, 1611-1614, 1630-1634



WAC CH-24/25

DEFENSE IDENTIFICATION ZONE

FLIGHT 85-027
9 FEBRUARY 1985

DATA RUN

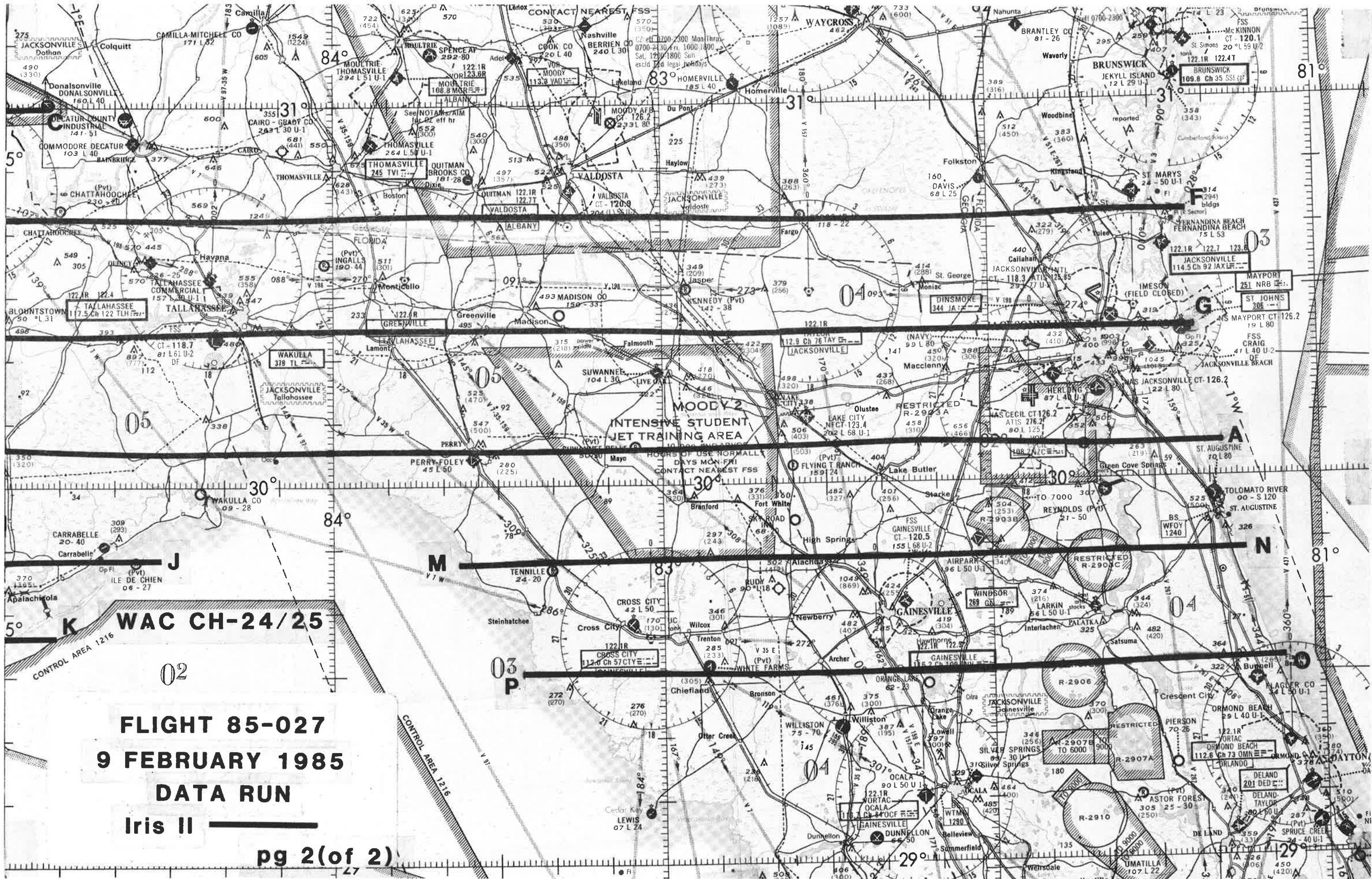
Iris II

pg 1 (of 2)

SPECIAL NOTICE
 requires pilots to obtain an ATC clearance
 between R-2914A and R-2919A, R-2915A
 & the airspace within R-2914B, R-2915C
 Altitudes for VFR flight are available Contact
 or Eglin RAPCON for information.

TYNDALL 2 MOA
 1000' TO AND INCL 4000'
 OCCASIONALLY DOWN TO 500' AGL
 HOURS OF USE 0700-2200 MON-FRI
 CONTACT NEAREST FSS

02



FLIGHT 85-027
9 FEBRUARY 1985
DATA RUN
Iris II