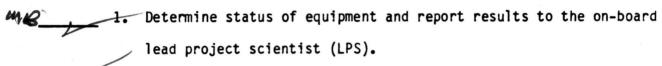
19851028IL RAPAR

E.4 Radar Scientist (On-Board)

This individual is responsible for data collection from all radar systems on board his or her assigned aircraft. Detailed operational procedures and checklists are contained in the operator's manual supplied to each operator. General supplementary procedures follow. (Check off and initial.)

E.4.1 Preflight



2. Confirm mission and pattern selection from on-board LPS.

3. Select operational mode for radar system after consultation with

4. Complete appropriate preflight calibrations and checklists as specified in the radar operator's manual.

E.4.2. In-Flight

1. Operate system as specified in the operator's manual and as directed by the HRD radar scientist, unless superseded by directions from the on-board LPS or as required for aircraft safety as determined by the OAO flight director or aircraft commander.

E.4.3 Postflight

1. Complete summary checklists and all other appropriate checklists and forms.

2. Brief on-board LPS on equipment status and turn in completed forms to LPS.

will do 3. Hand-carry all radar tapes and arrange delivery as follows:

a. Outside of Miami ${\color{black}\textbf{-}}$ the HRD operations center.

b. In Miami - the HRD/AOML offices.

will do 4. Debrief at operations center.

as to where you can be contacted.

Radar Scientist Checklist

Flight # <u>851088</u> II
A. C. # 43
Operator M. Black, P. Leighton
Radar Tech. Al Jarvi
Number of digital magnetic tapes on board 19
Number of video tapes on board
Number of tape labels on board ~40
Component systems up and checked:
RDSC VTR
DMTR1 DSC2
DMTR2 Scopes
NO
LF
TA
Time correction between radar time and digital time
Radar Postflight Summary
Number of digital tapes used DMTR 1
DMTR 2
Number of video tapes used
Significant recorder down time (other than for tape changes): $\mathcal{N}_{ exttt{one}}$
DMTR: LF
NO
TA

Other problems: (stabilization, interference, etc.) 5TC OFF on Tail

Duan Form E-4 Page 2 of 4 RADAR TAPE LOG FLIGHT \$5/028I/ AIRCRAFT \$43 OPERATOR M. Black SHEET / OF / SOURCE RADARS REWOUND? TAPE # TIME ON TIME OFF YES I NO | TA | LF 052400 0616

Form E-4 Page 4 of 4 HRD DOPPLER RADAR TAPE LOG

TAPE NO.	TIME ON	TIME OFF	SOURCE V H S		NO. SCA	COMMENTS	
,	OSMODA.	055/30		n	3	8	? 150 Range Spacing
2		060830				ľ)
3		067500					
4	100-	064200					
5		072630					thed 071500
6		074300					
7	074760	0					
8		081400					
9	08/7/5	0					
10	263-30	08 4500				1.3	Rewoond Contingenit
90	0913 00	092500					
10	094630	095900					
1/	104140	1054/00					Rainband W. of otr.
12	1057/14	1109/40					forming by grandit?
	/	/					