## 19850815H1-RADAR

LORID

## 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 Prefl	ight AUG 1 5 1985
1.	Determine status of equipment and report results to the on-board
	lead project scientist (LPS).
2.	Confirm mission and pattern selection from on-board LPS.
	Select operational mode for radar system after consultation with
	HRD radar scientist and on-board LPS.
4.	Complete appropriate preflight calibrations and checklists as
	specified in the radar operator's manual.
E.4.2. In-F	light
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	directed by the HRD radar scientist, unless superseded by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 Post1	flight
1.	Complete summary checklists and all other appropriate checklists
	and forms.
	Brief on-board LPS on equipment status and turn in completed
	forms to LPS.
3.	Hand-carry all radar tapes and arrange delivery as follows:
	<ul> <li>a. Outside of Miami - the HRD operations center.</li> </ul>
	b. In Miami - the HRD/AOML offices.
4.	Debrief at operations center.
5.	Determine status of future missions and notify operations center

as to where you can be contacted.

Form E-4 Page 2 of 4 HRD RADAR TAPE LOG FLIGHT 850815H AIRCRAFT 42RF OPERATOR Marks / WAD SHEET | OF SOURCE RADARS REWOUND? TIME ON TIME OFF COMMENTS TAPE # I TA | LF YES | NO 人 1500 053550 061300 read in W 065200  $\times$ heading SE (time 065200 0732 heading N X X 50PY80 0926 ~1000 1056 113355 1056 113355 115650

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

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