

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.)

AUG 15 1985E.4.1 Preflight

- ☒ 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.
- ☒ 3. 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-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 Operate system as specified in the operator's manual and as directed by the HRD radar scientist, unless superseded by directions from the on-board LPS or as required for aircraft safety as determined by the OAO flight director or aircraft commander.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.
- ☒ 3. Hand-carry all radar tapes and arrange delivery as follows:
 - a. Outside of Miami - the HRD operations center.
 - 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.

AUG 15 1985

HRD RADAR TAPE LOG

OPERATOR Marks / WORD SHEET | OF

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FLIGHT 850815H1 AIRCRAFT 42RF OPERATOR LORD SHEET 1 of 1
AUG 15 1985

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