

Radar Scientist Checklist

OCT 11 1984

Flight # 19841011I2 - RADAR

A. C. # 43RF

Operator DORST

Radar Tech. Schwicker, Goldstein

Number of digital magnetic tapes on board 20

Number of video tapes on board 4

Number of tape labels on board ∞

Component systems up and checked:

RDSC

VTR

Computer ✓

DSC1 ✓

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):

DMTR: LF

VTR: LF

NO

NO

TA

TA

Other problems: (stabilization, interference, etc.)

FLIGHT 841011I2 AIRCRAFT 43RF OPERATOR DORST SHEET 1 OF 1

[illegible]

OCT 11 1984

OCT 11 1984

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

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 Operate system as specified in the operator's manual and as directed by the HRD radar scientist, unless superseded by directions from the on-board LPS or as required for aircraft safety as determined by the OAO flight director or aircraft commander.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