

### E.5 Doppler Radar Scientist (On-Board)

The on-board Doppler radar scientist (DRS) is responsible for data collection from all radar systems on his/her assigned aircraft. Detailed operational procedures and check lists are contained in the operator's manual supplied to each operator. General supplementary procedures follow. (Check off and initial.)

E.5.1	5.1 Preflight					
<del></del>	_ 1.	Determine the status of equipment and report results to the on-board lead project scientist (LPS).				
-6	2. Confirm mission and pattern selection from the on-board LPS.					
	_ 3.	Select the operational mode for radar system(s) after consultation with the on-board LPS.				
	_ 4.	Complete the appropriate preflight calibrations and check lists as specified in the radar operator's manual.				
E.5.2	In-Fligh	nt				
	_ 1.	Operate the system(s) as specified in the operator's manual and as directed by the on-board LPS or as required for aircraft safety as determined by the AOC flight director or aircraft commander.				
E.5.3	Postflig	ht				
	_ 1.	Complete the summary check lists and all other appropriate check lists and forms.				
	_ 2.	Brief the on-board LPS on equipment status and turn in completed forms to the LPS.				
	_ 3.	Hand-carry all radar tapes and arrange delivery as follows:				
		<ul> <li>a. Outside of Miami – to the HRD operations center (FGOC).</li> <li>b. In Miami – to MGOC or to AOML/HRD. [Note: all data removed from the aircraft by HRD personnel should be cleared with the AOC flight director.]</li> </ul>				
	_ 4.	Debrief at the appropriate operations center (FGOC or MGOC).				
	_ 5.	Determine the status of future missions and notify the appropriate operations center (FGOC or MGOC) as to where you can be contacted.				

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# Doppler Radar Scientist Check List

Flight ID 9008127								
Aircraft # 43 R F								
Operators KRRECITE								
Radar Tech.								
Number of digital magnetic tapes on board								
Number of tape labels on board								
Component systems up and checked:								
MARS Computer								
DMTR1 DMTR2								
LF R/T#								
TA R/T#								
Time correction between radar time and digital time								
Radar Postflight Summary								
Number of digital tapes used: DMTR1								
DMTR2								
Significant down time:								
DMTR 1 Radar LF								
DMTR 2 Radar TA								
Other problems:								

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## HRD Radar Down-Time Log

Operator KABECHE Sheet	1	of	1
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Item	Time Down (HHMMSS)	Time Up (HHMMSS)	Problem
L.	Jan 1	21 / S	DATE OF THE STATE
	VIII ADA	W.20011	The wyer of the file.

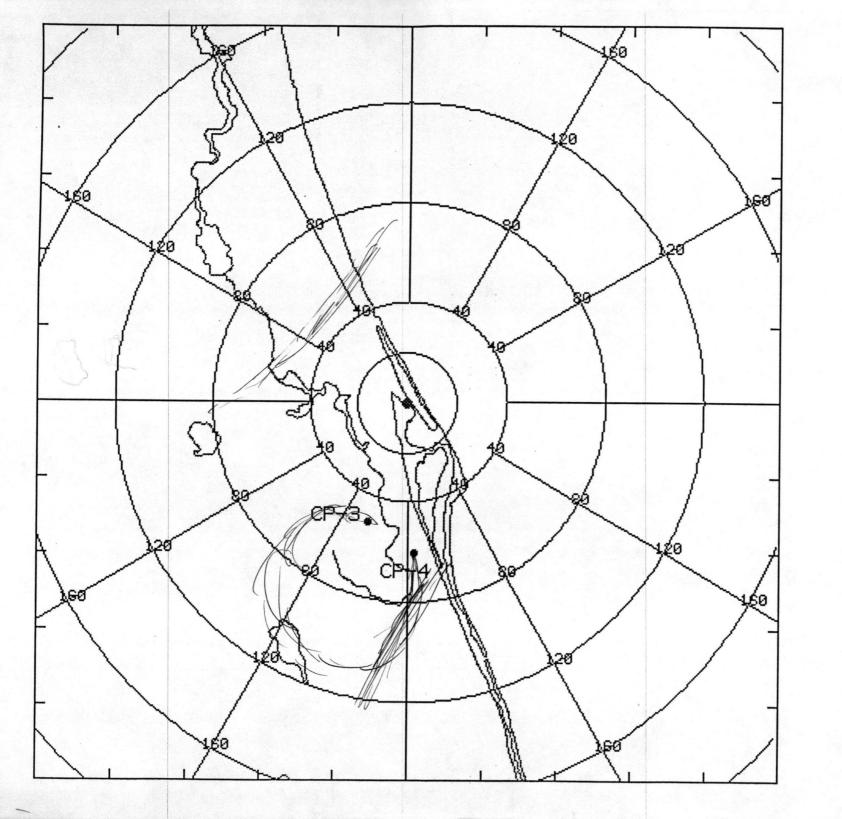
Item List: DMTR1, DMTR2, COMP, MARS, LF, TA.

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## HRD Radar Tape Log

Flight 9008921 Aircraft 43Rf Operator KMBFCME Sheet of 1

Tape #	Time On (HHMMSS)	Time Off (HHMMSS)	Comments
DATA	1854	2000	Small echoos to left of track proching small Cbs
DETA	2000	2055	proching small C'ss
DATE	2055	2148	
D272	9148	2237	
DAT3	2237	2345	
DET3	2345	stopat 2	347 Problem when writing.
DAT4	2347	0024	347 Problem when writing.  . stop recording to home.
		1976	



+logout
[5i\*\*\* LOGGED OUT FROM WSI \*\*\*
subcode = 101
[6i [4i
+bye
[5i\*\*\* LOGGED OUT FROM WSI \*\*\*
subcode = 1
[6i [4i
Disconnected from 05NWSI
X.25 CS: 000. DG: 000.

#### Host Name:

Host Name: +LOGOUT

UIC:

NOWRAD image printed by "WX-View" from Robertson Software.

COF 15:45(15)GMT 12-AUG-91 NOWRAD COPYRIGHT WSI CORPORATION 240150 The following 7 shades represent Radar levels (1 - 6) and sites not reported.

