## 19910805J1\_RADAR

#### AUG 5 1991

#### 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 Preflight

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- 1. Determine the status of equipment and report results to the on-board lead project scientist (LPS).
- 2. Confirm mission and pattern selection from the on-board LPS.
- 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-Flight

- 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 Postflight

- 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:
  - a. Outside of Miami to the HRD operations center (FGOC).
  - 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.]
  - 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.

19910805 TIL RADAR

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<b>Doppler Radar</b>	Scientist	Check	List
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Flight ID	9100	505I1	A starting the	
Aircraft #	43			
Operators Kaber he				
Radar Te	1	nch	a service and	
			2	
Number of digital r	magnetic tapes on	board		<u> </u>
Number of tape lal	bels on board	750	No generation	
Component system	ns up and checked	l:		
MARS	~	Computer	~	
DMTR1	<i>i</i> .	DMTR2	V	
	~	R/T#	SN 121	
LF .			SKI 102	
TA .	V	R/T#	SW 102	
Time correction be	etween radar time a	and digital time	0:0:01	<u></u>
		stflight Summa		
Number of digital t	apes used:	DMTR1	2	
		DMTR2	/	
<b>O</b> : 10 - 11 - 11		Divitinz		
Significant down ti	me:			
DMTR 1	a second and a second as	Radar LF		
DMTR 2		Radar TA	2017-20	36 periodrall
				236 periodrall See lead project log
Other problems:				projectlog
	4.3 6			0 0
	713 0			

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### HRD Radar Down-Time Log

AUG 5 1991

ltem	Time Down (HHMMSS)	Time Up (HHMMSS)	Problem

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

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## HRD Radar Tape Log

Flight <u>910805</u> Aircraft <u>43RF</u> Operator <u>Kabeche</u> Sheet of

Tape #	Time On (HHMMSS)	Time Off (HHMMSS)	Comments
1-1	18/800	19 1800	
2-1	1918	20 14 pc	
12	2014	off at 20	17
22	2036(re	.01 21539	17
			· · · · · · · · · · · · · · · · · · ·
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HURRICANE FEFA and HURRICANE GUILLERMO in the Pacific! For information on data available for both oceans, type: INFO TROPIC

The time sheets for July are now online. For more information, type: LASTMONTH For information on the 'El Nino' Trends, type: INFO ENSO or INFO SSTPAC For information on additional products and services, type: ADDMSG

> K. Coakley WSI Meteorological Operations Updated: Mon Aug 5 11:51:10 EDT 1991

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NOWRAD image printed by "WX-View" from Robertson Software. MLB 16:30(16)GMT 05-AUG-91 NOWRAD COPYRIGHT WSI CORPORATION 240150 The following 7 shades represent Radar levels (1 - 6) and sites not reported.



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23 about 3-30 Ramp though Volts to 05 1 for and chuese a for this offert a cft change with no indication of current change - James repairing 2 Manks Caner in creed only fr V 7 12/15 Kr, fut offset ocean for about V> 10 Kr Martin Martin Martin uppoor pudue site way, will . 11. a X2 site ing bis Value. Afree of 19 54. . - but office Tet KV 3 pad suit off HV from apat. do the voling of all mills. 125/35 12, 1/ .1/ .15 22-22-2C P. LT.

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Duck Dopplier - read more >134ft work with CP2 (down to 10 000st) Pud Polnistin & Lebtin (CP2) Jm Wilson -407 543 4669 101 - minte At pale brong - LCO7 255 1702 CHIE ONTR 128 - 155° -200 CP2 febre 2° Flack H. 271 7443 110° - 170° Juli amile from CP2) CP2 407 453 4368 All and Frenche Habarra Vibration publin Q Senter instilled but not Porce. Tres pay wed. Vibreofin proton on atin'