1995081611- RADAR

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					
	_ 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.				
•	_ 3.	Select the operational mode for radar system(s) after consultation with the HRD/DRS and 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	Operate the system(s) as specified in the operator's manual and as directed by the HRD/DRS, unless superseded by directions from the on-board LPS or as required for aircraft safety as determined by the OAO flight director or aircraft commander.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.5.3	Postflig	la t				
2.0.0	rosting					
	_ 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 OAO flight director.] 				
	_ 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.				

19930316IT. KADAR

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Doppler Radar Scientist Check List

Flight ID .	850811	6 I						
Aircraft #	43							
	Stan Gol	denberg						
Operators .		Berr						
Radar Tech	James	Parr	Pagire R	955				
Number of digital magne	etic tapes on boa	rd8	(gan-15	errof 5 to explain toper used				
Number of tape labels of	on board			used				
Component systems up	and checked:			(dand physics,				
MARS		Computer		takan				
DMTR1		DMTR2		"day i)				
LF		R/T# LF	103					
. та		R/T#	201/202					
Time correction between radar time and digital time								
Radar Postflight Summary								
Number of digital tapes	used:	DMTR1	1					
		DMTR2						
Significant recorder down time:								
DMTR 1	none	Radar LF						
			-					
DMTR 2		Radar TA						
Other problems:								

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HRD Radar Tape Log

AUG 1 6 1995

Papar book"
to James Barry
To James Barry

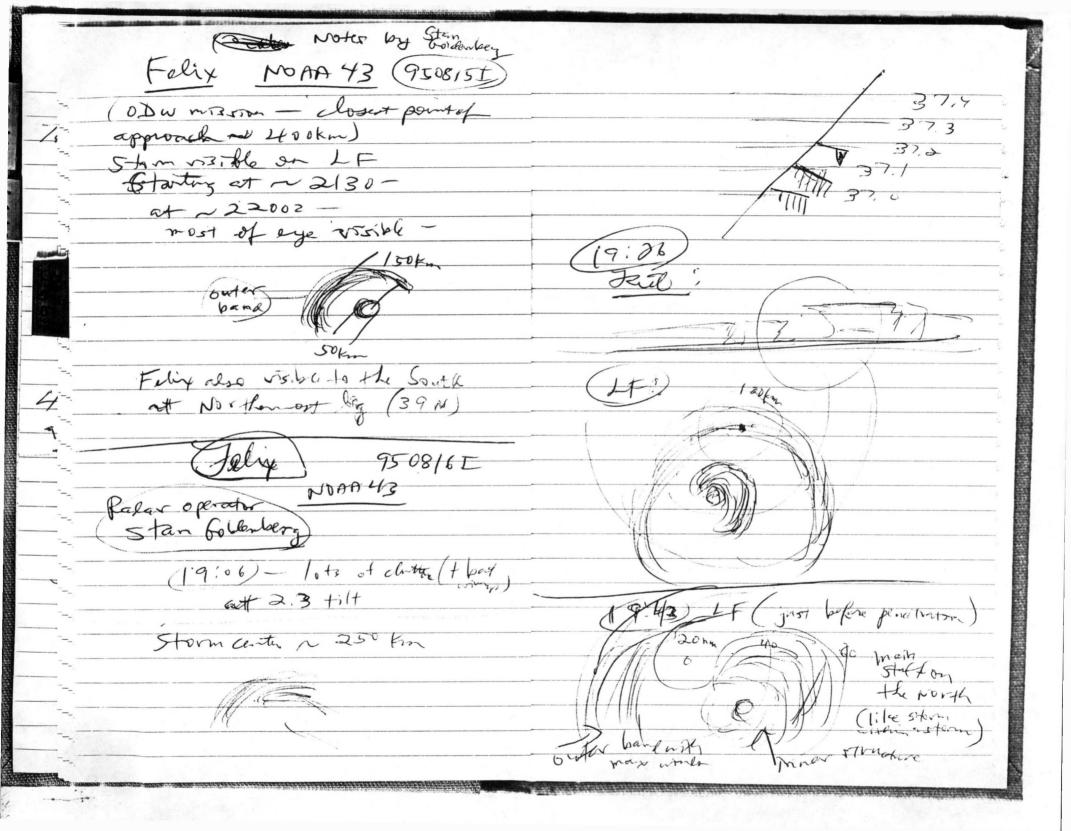
Flight 850816 I Aircraft 43 Operator Stan Golden beig Sheet 1 of 1

Tape #	Time On	Time Off	Comments	
1-1	18:27100	21:19:36	Coast painted - storm ville	
			Squel 10 at 18;31 (tail)	
			18:41 Edgusted tilt -	
	20 1		~19100- tilt to (2.3)	
			Bank at - 19120108-	
			(200 to fleft	
			.37	
			20° to 14.)	
			19:21:20 + tup to follow win for 7	100
			mm at 20:02	
			turn at 20:39	
			turn et 20:56 (Bone with)	
			A+ 20:00:00 + it soun to gaint course	
			Then back to 2.3 + it at 21.01	
			(Had to clar evor mrg, several to	mes
		100 (100 (100 (100 (100 (100 (100 (100		
	100000000000000000000000000000000000000			

HRD Radar Down-Time Log

Оре	=14101		Sileet Oi
Item	Time Down	Time Up	Problem
		3 3	
		1.0	

Item List: DMTR1, DMTR2, COMP, RDSC, LF, TA, DSC1, DSC2.



2029 (7259) 19:46 - Some stronger ochose (20,30 to the Sw gridure inner portion of (gge ~ 10 nm diameter like a small inner humicane N 50 nm Valins 20:37 wide "outer-bane" 260 nm from center Some 30 dbz # a few 35's incerter ~ 19:52 20:49_ 62kb to the sw 35.0 3502 19:x2 72.9 72574 19:x2 in outer band

Cloud Phyrius roks -FAR- off to put - At. B. Reard Levels Left - Max C. Rowal Master proxim > (-15 u W?)

Proces in Right ong

proces steves Eld setting were - proper super Front > Mic/sin fec. Mester & 5