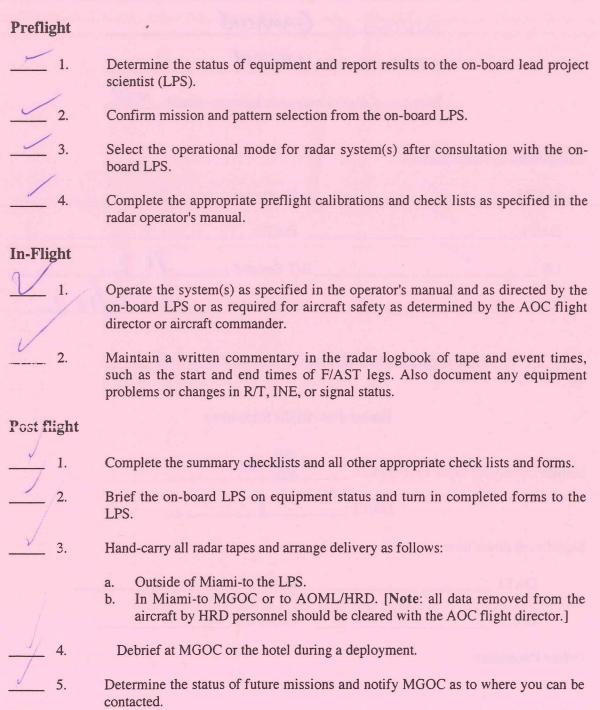
Radar Scientist

The on-board radar scientist is responsible for data collection from all radar systems on his/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.)



HRD Radar Scientist Check List

Flight ID:	04091211	09091211
Aircraft Nu	mber: <u>N43R1</u>	2
Radar Open	rators: <u>GAMACH</u>	<u> </u>
Radar Tech	nnician: LYNCIF	
Number of	digital magnetic tapes	on board: NIO
Component Systems Status		
Component Systems Status:		
MARS	Computer	
DAT1	DAT2	
LF	R/T Serial #	702
TA	R/T Serial #_	202/102
		e through a robbins
Time correction be	tween radar time and	digital time:
Rac	lar Post flight Summ	ary
Number of digital tapes used: DA	r1 <u>8 2</u>	gradien ein minimus (
	Г2	
Significant down time:		
DAT1	Radar LF _	
DAT2	Radar TA _	
Other Problems:		

HRD Radar Event Log

Flight <u>0409/21/</u>	Aircraft V 438F	Operator	GAMACHE	Sheet _/	of
LF RPM	2	TA RPM	10		

(Include start and end times of DATs, as well as times of F/AST legs and any changes of radar equipment status)

Tape #	F/AST On?	Event Time (HHMMSS)	Event
		090030	T/O FROM MACDILL
1-1	FRENCH	090435	TO FROM MACDILL BEGIN REC
		091900	RADAR DOWN
1-1	PRENCIT 2400	094353	RECORDING STARTED AGAIN
	17	111803	RADAR DOWN
	· tr	112150	RADAR UP
DI-TI		120214	CHANGING RADAR TAPES FOR
D2-T1		,	RECORDING ON 2nd tape
12-11		1204	RECORDING ON 2nd tapa
DITZ		N1355	RECORDING ON 3rd tape would not
			2 NOTE! 2nd tape would not
			to=fb
		0627	END RECORDING
			A STAN AND THE SUPPLIES BEFORE :
			Call the distribution of the second special states

040912 11 RADAR OPERATOR GAMACHE RAMAR TECH LYNCH LPS, DODGE NKSTN/SONDE LEIGHTON THIS IS A TASKED SFAR MOSION USAF HAS THE FIX AT 122 WE WILL TRY THE to-fb option after either the first or second pass through ~ 97 T/o 9h mission "Buterfly - 600" pattern. PLAN TO USE 2400 PRF PIRST COOD BIN-#4 \$458 M RDR DEALIBING AVERAGE 10 BINS 1030 JUAN HAS A PRONEUNCED MOAT AND APPARENTLY CONCENTRIC RADAK SCEEN, CENTER AT ABOUT ZED MINONRADAR

1 1041 88 km from outer 4km ves. 6.2 spectral width 1042 2117 8248 JROP 1224 DID ATOFB of first radar type of flagit for Day 1. 17.8 us onsper RA 2530 M 1831 8112 1045 RADAR FX Let's see what happens Storted Ground 1210-1215 110931 Soule 1946 81 53 1256 2" of Levo lys 115 100 KM OUT 1201 110 km out on ENE Side MLAX UIUD WARDSIDE 100 KNots SFINR 1306 70 hu int on ENE side 18.7 81.13 920mb 1130 1301 1858 9048 3sombes RA 2335 1339 60-65 KM out windmay 1146 115 KM OUT 1310 45 hum out reg Est 5. de 1849 81 22 922mb 316

1 1327 80 Km out on wsw side 1330 sor med of eg STEWNER CAT hope WILL TRY TO RUN TEAL IN RADAR SOFTWARE ONE NOCE TIME 1301-1330 18,810 -81.67 SADAR OF ERATOR: GAMACHE, ALTHOUGH I'M ACTUALLY Those I and end eneapthem LUCKED OUT HERE IN THE Leel of cestonishing It executed JUMP SEAT all depotions from the coult Much of the peop & strakform. PETER DODGE 1 CPS MYE BLACK : WIRKSTATION GUSSEL NET! SHEPHERD 18564 8138 HE 1856 81 39 922mm 23/11 /12 1535 Ended gathern that HABLA LEG / WKW DOOS Last lip of 1538 B) KM 60033 W 6006 E (u,u)=(0,7) Neat conviction along very activity. Line N of store cute -1545 50014 28°53' ROUN' 93/+6 50 KM 0522 Deep; intentry flows 90 KM 9926