

**HRD Radar Scientist Check List**

Flight ID: \_\_\_\_\_

Aircraft Number: \_\_\_\_\_

Radar Scientist: \_\_\_\_\_

Radar Technician: \_\_\_\_\_

Component Systems Status (Up ↑, Down ↓, Not Available N/A, Not Used O):

Radar Computer \_\_\_\_\_

Lower Fuselage (LF) Antenna \_\_\_\_\_

Tail (TA) Antenna \_\_\_\_\_

Time correction between LF radar time and digital time: \_\_\_\_\_

TA Radar Parameters:

(Single/Dual) PRF \_\_\_\_\_ F/AST (Y/N) Rotation Rate \_\_\_\_\_ RPM

Sweeps/File \_\_\_\_\_ Record 2<sup>nd</sup> Trip (Y/N) (Circle appropriate status)

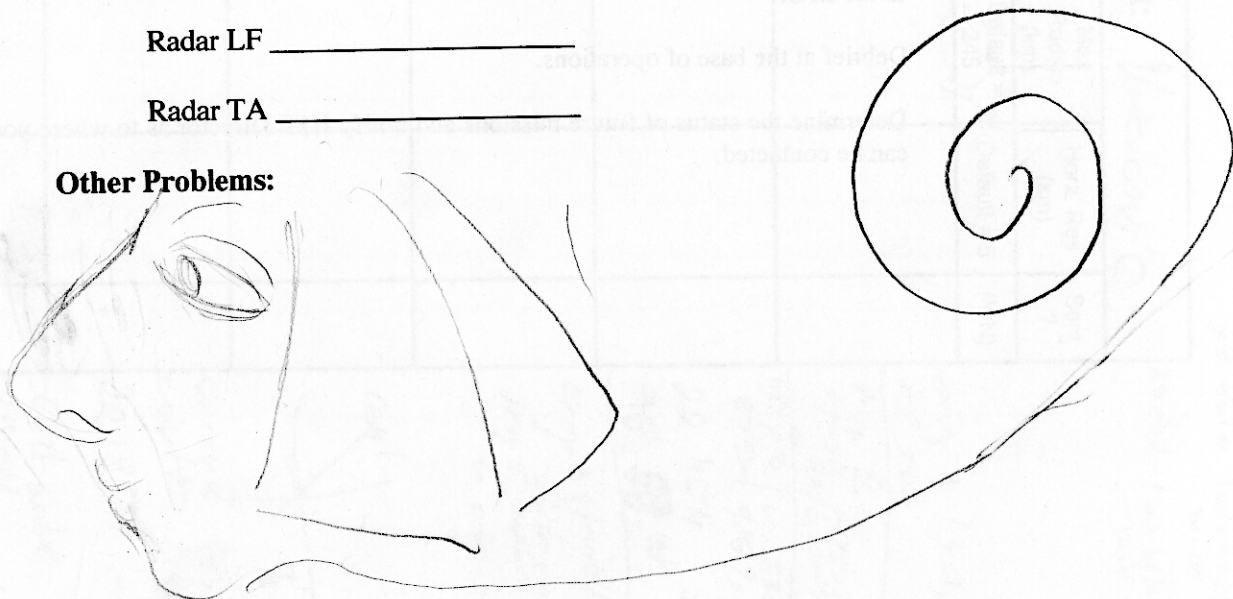
**Radar Post flight Summary**

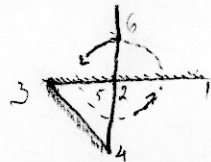
Significant down time:

Radar LF \_\_\_\_\_

Radar TA \_\_\_\_\_

**Other Problems:**





start wid end in-out end downwind  
 AT (1-4) 204042 20:50 8/4410 Center 2245 N 9600 W  
 A2 (4-6) X Center 2248 9602  
 A3 O

### Doppler Wind parameters

skid end 3D  
 xs skid twinkefer  
 mid  
 xs end 1 min after  
 mid

Flight ID: 2013091511 Doppler flight-leg notes (for use in automatic QC and analysis) Scientist: *V. Kieren's*

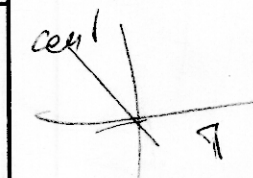
Leg Start Time	Leg End Time	Storm Motion		Center Fix			Inbound	Outbound	Max Radius (km)	Horz. Res (km)	Sent ?
				Time	Latitude	Longitude					
HHMMSS	HHMMSS	Degrees	Knots	HHMMSS	(Deg/Min)	(Deg/Min)	track	track	Default = 245	Default = 5	(Y/N)
<del>20:32:50</del> 2054 39 <sub>m</sub>	21:04:48						070	270			
21:04:48 <sub>out</sub>	21:22:09	290	5								
21:22:43 downwind	21:44:13										
21:44:13 <sub>m</sub>	<del>2218 04</del>						360	360			
2218 04 <sub>out</sub>	2220 55										
<del>2218 04</del>							0	0			
2300 48 <sup>o</sup>	23:47:57										
	2205234										
1/2 time	52/2=26										
	23										

drop 1 / 4010  
22 50t

drop 2  
eyewall 2755T  
9920w 20w/s

drop 3 / 55T 273  
eye / 986.7<sub>27</sub>  
22 454  
96 59 W

drop 4 eyewall  
mid front sub  
dry 5 core 60  
6 core 60



second center  
2218 04 time

60ft sub  
eyewall  
087.01 13 w/s

22 48  
96 02

Center 3