Flight	ID	12082742 Storm ISAAC LPS TASON DUNION						
Preflig	The second second							
V	1.	Participate in general mission briefing.						
	2.	Determine specific mission and flight requirements for assigned aircraft.						
+	3.	Determine from AOC flight director/meteorologist whether aircraft has operational fix responsibility and the mission designation.						
	4.	Contact HRD members of crew to: a. Assure availability for mission. b. Review field program safety checklist c. Arrange ground transportation schedule when deployed. d. Determine equipment status.						
	5.	Meet with AOC flight director and navigator at least 3 hours before take-off for initial briefing.						
	5.	Meet with AOC flight crew at least 2 hours before take-off for crew briefing. Provide copies of flight requirements and provide a formal briefing for the flight director, navigator, and pilots.						
	6.	Report status of aircraft, systems, necessary on-board supplies and crews to HFP Director.						
4	7.	Before take-off, brief the on-board GPS dropsonde operator on times and positions of drop times.						
	7.	Make sure each HRD flight crew member has a life vest.						
<u> </u>	7.	Perform a headset operation check with all HRD flight crew members. Make sure everyone can hear and speak using the headset.						
In-Flig	ht							
	1.	Confirm from AOC flight director that satellite data link is operative.						
	2.	Confirm camera mode of operation.						
	3.	Confirm radar recording set-up.						
	4.	Confirm data recording rate.						
	5.	Complete Lead Project Scientist Form.						
	6.	Check in with the flight director to make sure the mission is going as planned (i.e. turns are made when they are supposed to be made).						
Post fli	ght							
1	1.	Debrief scientific crew.						
	2.	Gather completed forms for mission and bag separately from other missions. Turn in to data manager at HRD.						
	5.	Copy serial flight data, dropsonde files, and radar data onto thumb drive. Turn in with completed forms.						
	6.	Report landing time, aircraft, crew, and mission status along with supplies (tapes, etc.) remaining aboard the aircraft to HFP Director.						
	7.	Determine next mission status, if any, and brief crews as necessary.						
-	8.	Notify HFP Director as to where you can be contacted and arrange for any further coordination required.						
_	9.	Prepare written mission summary using Mission Summary form.						

Lead Project Scientist Check List

HRD		AO	C	
Function	Participant	Function	Participant	
Lead Project Scientist	DUNION	Flight Director		
Radar	Reasor	Pilots		
Dropwindsonde Bucci		- Navigator		
Sea-Air		Systems Engineer		
Photographer/Observer/ Guests (give affiliation)	ndy were agen (1781 by) sektors agen a 1 and sik	Data Technician		
Cloud Physics		Electronics Technician		
		Other (() () () () () () () ()	

C. Past and Forecast Storm Locations:

Date/Time	Latitude	Longitude	MSLP	Maximum Wind
	262800000 pt (46300000	bas varier, suitais not	im bein stantioped	
	nge tedapolitic et ac	negierajw or at m	South Site Stock	
<i>></i>				

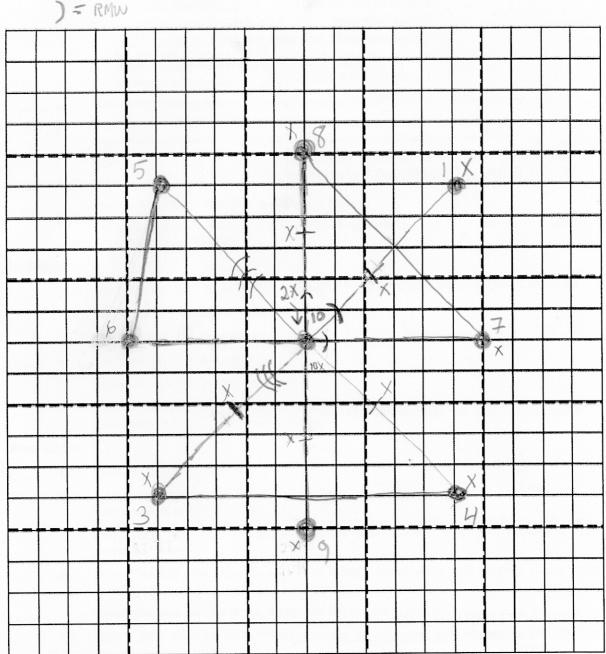
E. —Equipment Status (Up ↑, Down ↓, Not Available —, Not Used O)

Equipment	Pre-Flight	In-Flight	Post-Flight	Number of Expendables	
Radar/LF	√ ↑			4.0	
Doppler Radar/TA	. 1				
Cloud Physics					
Data System	4				
GPS sondes	1				
AXBT/AXCP	1				
Ozone instrument					
Cameras					
Other ()					

D. Mission Briefing:

- IP CtR: did a triple RMW set for whithorn + 2 hang
= Ed pt 6 (~2315=23302) + ~50 nm wide ot .. rough w/ 18ts of rein

PT	Time	coord	Storm motion		Press.	VIII
1P.(1) 210016	27.78 95.00	300 14		and the second	2 1 11 1
C	212543	26.45 86.19			984.4mb	sonde
3	2152	25.14 87028				
4	2219	25 23 85° 4"				
e_	2249	2635 8622			951 ext	mp
	2308	2747 8744	310 10			
6	2324	26421 8831			AUIN-	
Ctr	2354	2647'40" 862	725"	Gtr 9	021/2	27:53 86 59'
7	0019	2647' 84036	2'	n		
8	0053	0 / 00	1			
CAL.	01/62	2658 8638				



Longitude (°) 25 15 7 291

Latitude (")