	Lead Project Scientist
G.	Iggl TDR/OCeaw
Storm or	Project Experiment name Mission ID NXO7A Early
Flight ID Preflight	Wilssion ID ATA STATE
1	Participate in general mission briefing.
1/2.	Determine specific mission and flight requirements for assigned aircraft.
7	Determine from AOC flight director/meteorologist whether aircraft has operational fix responsibility
-/3	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.
6.	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.
	Report status of aircraft, systems, necessary on-board supplies and crews to MGOC in Miami.
8.	Before take-off, brief the on-board GPS dropsonde operator on times and positions of drop times.
9.	Make sure each HRD flight crew member has a life vest.
	Perform a headset operation check with all HRD flight crew members. Make sure everyone can hear and speak using the headset.
In-Flight	
1.	Confirm from AOC flight director that satellite data link is operative (information).
2.	Confirm camera mode of operation.
3.	Confirm data recording rate.
4.	Complete Lead Project Scientist Form.
5.	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 fligh	nt sandamen i mante a comunication de la comunicati
1.	Debrief scientific crew.
2.	Gather completed forms for mission and turn in to data manager at HRD.
3.	Obtain a copy of the 10-s flight listing from the AOC flight director. Turn in with completed forms.
4.	Obtain a copy of the radar DAT tapes. Turn in with completed forms.
5.	Obtain a copy of serial flight data on thumb drive. Turn in with completed forms.
[Note: all data	removed from the aircraft by HRD personnel should be cleared with the AOC flight director.]
6.	Report landing time, aircraft, crew, and mission status along with supplies (tapes, etc.) remaining aboard the aircraft to MGOC.
7.	Determine next mission status, if any, and brief crews as necessary.
8.	Notify MGOC 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

Storm or Project_		Experimer	it name	
Flight ID	1.100.042	Mission ID		MgRoyT
A. Participants:				
	HRD		AOC	C
Function	Particip	ant Function	n	Participant
Lead Project Scient	tist Clare	Flight D	irector	Sports
Radar/Workstation	Leighto/A	Pilots		NOSOP Helverson
Regards Satissified and Satis		Navigato	or	Slage
Cloud Physics		Systems	Engineer	Rushinse
Photographer/Obse /Guests	rver	Data Tec	chnician	Nacher
Dropwindsonde	Leilho	Electron	ics Technician	San Source
AXBT/AXCP	0	Other	Sondes	Mascaro
B. Take-off and Landrage Take-Off: 1928 U Landing: 0270 U Number of Eye Pene	UTC Location:	3640495		Adolf Cell
C. Past and Forecas	st Storm Location	ıs:		Post flight
Date/Time	Latitude	Longitude	MSLP	Maximum Wind

Date/Time	Latitude	Longitude	MSLP	Wind
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Company and the	(i) manan in a	Kara Basat Bass, walk it sanaku a	in sura dista hacer needs	

D. Mission Briefing:

Storm or Project	Experiment name
Flight ID	Mission ID
E. —Equipment Status (Up †, Dov	wn ↓, Not Available N/A, Not Used O)

Equipment	Pre-Flight	In-Flight	Post-Flight	# DATs / CDs /Expendables/ Printouts
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Doppler Radar/TA	Jan	Acres and the second		
Cloud Physics		An the second	F 1 15/4	
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AXBT/AXCP	13 to 15 to		497	
Ozone instrument			Marie Commission (Commission Commission Comm	
Workstation				
Cameras				

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Lead Project Scientist Event Log

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Lead Project Scientist Event Log

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Mission Summary Storm name YYMMDDA# Aircraft 4_RF

Scientific Crew (4 RF) Lead Project Scientist __ Radar Scientist Cloud Physics Scientist Dropwindsonde Scientist Boundary-Layer Scientist_ Workstation Scientist Observers Mission Briefing: (include sketch of proposed flight track or page #) Mission Synopsis: (include plot of actual flight track) Seconder Evaluation: (did the experiment meet the proposed objectives?) sed objectives?)

Some of rado, dos ellok no major la minar probas (failue (ege) Problems:(list all problems) Expendables used in mission: GPS sondes : ____ AXBTs:_____

Sonobuoys: ____