## **Lead Project Scientist**

		roject Tonal Experiment name IDR
Flight	ID_	101106 I Mission ID 2/2/A TO MAS
Preflig	ght	
	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.
	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.
	7.	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.
	10.	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 (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 fli	ght	
	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 d	ata rem	oved from the aircraft by HRD personnel should be cleared with the AOC flight director.]
	5.	Report landing time, aircraft, crew, and mission status along with supplies (tapes, etc.) remaining aboard the aircraft to MGOC.
3	7.	Determine next mission status, if any, and brief crews as necessary.
8	3.	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_			nt name TOWA		
light ID 10/106	1+	Mission II	2021A TOMAS		
A. Participants:					
	HRD		AOC		
Function	Particip	oant Function	on	Participant	
Lead Project Scien	ntist Alexan	Flight I	Director	Domino	
Radar/Workstation	n	Pilots		A. C.	
		Navigot		Melion Sweeny Han	
Claud Dhysica	Gameche	Navigat		Sloan	
Cloud Physics	datham		Engineer	Alland Darby	
Photographer/Obs Guests	server	Data Te	chnician	Macher Macio	
Dropwindsonde	Vukiceric	Electron	nics Technician	Willer, "willand	
AXBT/AXCP	VUNITETIC	Other	į	ateral	
	netrations: 4? ast Storm Location	ns:			
Date/Time	Latitude	Longitude	MSLP	Maximum Wind	
		C 1994 1			
. Mission Briefin	g: TDR ansscore legs, Possible B	. Der poiss. Look/8-smde	sequence on	s on I downwin	

## Lead Project Scientist Event Log

Date 6 Nov 2010 Flight ID 1011061 LPS Aberson

Time	Event	Position	Comments
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0940	40- mm- uside partial	trong on LF	
0943	center day do d		drop 2
1007	Hun and drop		drop 3
1027	inboundylan		drop4
1038	mud print dop	just of Cairas	drop 5
1050	marked de other mo	top Stongortconucto	on Nas gænter, søen W
1100	medpoint drop in		don 6 22 71
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1130	clim 6 % 3.5 K		
1135	began ascent to 5K		
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	most con	weton mow on Sside	

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