Lead Project Scientist

Date	81	10/202/ Flight ID 202/08/07/						
		Project of A Investment name InvestID 6/AC94						
Pre-f	light							
\boxtimes	1.	Participate in general mission briefing.						
X K	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.						
Ā	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.						
\boxtimes	5.	Meet with AOC flight director and navigator at least 3 hours before takeoff for initial briefing.						
\boxtimes	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.						
NERE	7	Report status of aircraft, systems, necessary on-board supplies and crews to Field Program Director.						
\mathbf{x}	8.	Before take-off, brief the on-board GPS drapsonde operator on times and positions of drop times.						
ليخا	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-Fli	ight							
	1.	Confirm from AOC flight director that satellite data link is operative (information).						
MMMM	2.	Continue camera mode of operation.						
	3.	Confirm dam recording rate.						
X	4.	Complete Lead Project Scientist Form.						
X.	5 .	Check in with the flight director to make sure the mission is going as planned (i.e. thins are made when they are supposed to be made).						
Post-f	light							
	1.	Debrief scientific crew.						
닏	2.	Gather completed forms for mission and turn in to data manager at HRD.						
	3.	Obmin a copy of the 10-s flight listing from the AOC flight director. Turn in with completed forms.						
님	4.	Obtain a copy of the radar DAT mpes. Turn in with completed forms.						
لىبا ئىساد	5. Obtain a copy of serial flight data on thumb drive. Turn in with completed forms.							
[1.015; 3]	6.	aoved from the aircraft by ARD personnel should be cleared with the AOC flight director.] Report landing time, aircraft, crew, and mission status along with supplies (tapes, etc.) remaining aboard the aircraft						
] [U.	to Field Program Director						
	7.	Determine next mission status, if any, and brief crews as necessary.						
	8,	Notify Field Program 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

Storm or Project

Experiment name Invest 7D6

Flight ID 202/08/07/ Mission ID 0/06A / nvest

A. Participants:

Function	Participant	Function	Participant
Lead Project Scientist	Marcil Wal	Flight Director	John AREL
Radar Marke		Pilot Aptho	2 / The Manne
Workstation		Pilot	15/10/11 2
Cloud Physics		Navigator	Stama Del
Dropsonde Was 2	24	Systems Engineer	7
Dropsonde		Data Technician	wanve cetolyens
AXBT/AXCP		Electronics Technicia	wanve elopeny ms Krala Soles
Observer/Guest Observer/Guest	WF.		\sim \sim \sim \sim
Observer/Guest	elive C	Flight Engineer S_0	anche 3

B. Take-off and Landi					
Take-Off: <u>BBQ</u> UTC	7	Location: _	<u>_a</u>	42	9m0
Landing:UTC	7	Location: _			
Number of Eye Penetrat	ic	ons:			

C. Past and Forecast Storm Locations:

Date/Time	Latitude	Longitude	MSLP	Maximum Wind
/				
/				
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/				
/			-	

D. Mission Briefing:	,,,,,,,,,,
D. Mission Briefing:	6
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	1	Lead for in	
Storm or 1	Project	Experiment name tasked wissing	^
	207;0810]	Mission ID 0/06 A Invest	

E. — Equipment Status (Up U, Down D, Not Available N/A, Not Used O)

Equipment	Pre-Flight	In-Flight	Post-Flight	# DATs / CDs /Expendables/ Printouts
Radar/LF				
Doppler Radar/TA	V			
Cloud Physics				
Data System				
GPS sondes	√			
AXBT/AXCP				
Ozone instrument	~			
Workstation	~			
Cameras	✓ <u> </u>			

REMARKS: Tasked Mission:

Lead Project Scientist Event

Date 8/16/2/

Flight ID 207108 STLPS //a/

Time	Event	Position	Comments	7
0839	70	Lakeland		
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