Lead Project Scientist

		Ject NESOS/JPS VALIDATION Experiment type Mission ID
refligh		
_		articipate in general mission briefing.
		Determine specific mission and flight requirements for assigned aircraft from the Field Program
		irector.
2	3. C a. b c. d.	Review field program safety checklist Arrange ground transportation schedule when deployed.
	1. M	feet with AOC flight director and navigator at least 3 hours before take-off for initial briefing.
5		etermine from AOC flight director the mission designation and whether aircraft has operational fix esponsibility
6		Meet with AOC flight crew at least 2 hours before take-off for crew briefing. Provide copies of flight equirements and provide a formal briefing for the flight director, navigator, and pilots.
7	7 R	eport status of aircraft, systems, necessary on-board supplies and crews to Field Program Director.
8	8. B	efore take-off, brief the on-board GPS dropsonde operator on times and positions of drops.
9	M	Take sure each HRD flight crew member has a life vest.
1		erform a headset operation check with all HRD flight crew members. Make sure everyone can hear and speak using the headset.
ı-Fligh	ıt	
1	. C	onfirm from AOC flight director that satellite data link is operative (information).
2	. C	onfirm camera mode of operation.
3	. Co	onfirm data recording rate.
4	. Re	equest AOC flight director to leave radar in non-sector mode for initial Figure 4.
5	. O1	nce at IP, request AOC flight director adjust radar tilt to minimize sea clutter.
6	. Co	omplete Lead Project Scientist Form.
7		neck in occasionaly with the flight director to make sure the mission is going as planned (i.e. turns are made then they are supposed to be made).
ost flig	ht	
1	. De	ebrief scientific crew
2	. Ga	ather completed forms for mission and turn in to data manager at HRD.
3	. Oł	btain a copy of the Dropsonde raw and processed files from the AVAPS operator on thumb drive.
4	. <u>O</u> l	btain a copy of the radar LF files from the radar technician on thumb drive.
5	. Ot	btain a copy of the tar'ed radar TA files from the radar scientist on thumb drive.
6	. Oł	otain a copy of serial flight data and raw NetCDF file on thumb drive from the data technician.
7	Ot	otain a copy of SFMR data on thumb drive from the data technician.
8.	. Ot	otain a copy of DMT data on thumb drive from the data technician.
9	. Re	eport landing time, aircraft, crew, and mission status to the Field Program Director.
). De	etermine next mission status, if any, and brief crews as necessary
	l. Pro	epare written mission summary using Mission Summary form.

Lead Project Scientist Check List

AAAA.	D	AO	C
Function	Participant	Function	Participant
Lead Project Scientist Radar/Workstation	JANGUAZ NOTAND	Flight Director Pilots	HENNING
Cloud Physics		Navigator Systems Engineer Data Technician	
Dropwindsonde	ZAWISLAK	Electronics Technician	
AXBT/AXCP Photographer/Observer s/Guests		Other AVAPS:	PATEL / WERNE CHE
R. Taka off and Landin	g Times and Location	as:	
Take-Off: 1300 UTC Landing: 2130 UTC			

	Date/Time	Latitude	Longitude	MSLP	Maximum Wind
-	·		<u> </u>		

D. Mission Briefing:

SURVEY PATTERS OF DROPSONORS THAT WILL CROSS MUMPUR MOINNER GROVENTS. WITTOUT WIN A FRENCE BOUNDARY LEGAND ONE SOFT COST, SIME MUST TOROPHUL CUMING UP OUT OF THE CHILBRAIN, ASSOCIATED WAVE AND OF COURSE THE SAMARUM PIR WIFER RUSHING WASHWARD, GIAL IS TO VACIAME THE NUCAPS PRODUCT, PARTICULARY HOW IT HANDLES INVESTING WHEN AN REPARSENTS FINER SURE REGIONS IN THE ARRAY.

Lead Project Scientist Event Log

Date 9/20/18 Flight ID 20.80920NI LPS Dumon/Zawis MA

Time	Event	Position	Comments
1300	Takeoff		LAL ENRUSTE TO POTTERN
			INITIAL PIRMAIS LUCKS TO BE
1348			THE CEPTAINE CHOIS CHOR IT HAT PUTHED THE WEST THAT
			AUREDON CROSSEN THE FROMM
			NEW OF SOME MOSE MOSE AIR ASSOCIATED WITHE UPPOR WW
1513			LOOKS LIKE COMECHE AT
			THE DRAW ARE CARNER A TROUBLES INTO SAL
1625		57.72/18.78	BEEN DILL OFFE THE SAY
		6.10	UTTLE CHANGE MUTE CHAN FOR SLEE.
			never on present town
1633			Rence that our les into
		-	SUSTECUTE CLESPARK. SUSTECUTE CLESPARK. JAL DERVISEL FRETIER
			WEIT THAN WHEN WE PUNKED!
1654	משא א או רואצ		AT PL, LOOKE WE CUT
7637			FROMT WORN OR PURETO PICE

1707			CHAIN FISTER PART OF PATEON
			HIM DISTER AHEAD AT WE HEAD TOWARD THE
1719			PERLITUR BAG TO DUT
•			SOMERED (CLOUD) WILL DUST

Lead Project Scientist Event Log

Date 7/20/18 Flight ID 20180920 NJ LPS TOUNION / ZAWISCAL

Time	Event	Position	Comments
1746		61.9 / 15.00	STILL IN SAL DUST BUT HERMING TOWNS OUR
			WANT HIW THEN TER FIRETURE ENTERWIFE
			ATUS SAL FRINT AT NOR POUN
1812		65.0/150	MI GENTHE CLOSER TO
			THE WALL STREMEN ESTERMENT OWER PASSIONE - 1018 Mg
			CANDRAN TO DIS AN FAMOREL STORE
13312		67.0/15.00	GEATING ONLINE AND LA PICK.
1355		70.38/15 Y	HERRING HW , STILL FOR
			NO OUT OUT HERE
1917		Sand OF HIJM WILLS	CETTURE IN AND AROUND
			PART BETA IN WITH MANE
			JASOU REEDEN CON SOUMER
			SAL, MID LAT SRY INTRUSTONS
			MOIST TRADICAL, AND TROPICAL WINE IN THE EDIT CARRESTAN.
			Sugar in A. Rahamai
2046			SUMMER MOTOR
·		-	