Lead Project Scientist

Storm or P	Project	Jose		Experimen	t type To	R	-
	201709	18 H 1	N	/Iission ID_	1212A		
Preflight							
1.	Participate	in general mission b	iefing.				
2.	Determine Director.	specific mission an	d flight requi	irements for as	ssigned aircraft	from the Field	d Program
3.	a. Assur b. Revie c. Arran	RD members of crew re availability for miss we field program safet age ground transportat mine equipment statu	sion. y checklist ion schedule	when deployed			
4.	Meet with	AOC flight director a	nd navigator	at least 3 hours	before take-off f	or initial briefi	ing.
5.	Determine responsibil	from AOC flight dir	ector the miss	sion designation	and whether air	rcraft has oper	rational fix
6.		AOC flight crew at least and provide a form					es of flight
7.	Report stat	us of aircraft, system	s, necessary o	n-board supplie	s and crews to Fi	ield Program I	Director.
8.	Before take	e-off, brief the on-boa	rd GPS drops	onde operator o	on times and posi	tions of drops	
9.	Make sure	each HRD flight crev	v member has	a life vest.			
10.		headset operation che using the headset.	eck with all H	RD flight crew	members. Make	sure everyon	e can hear
In-Flight							
1.	Confirm from	m AOC flight director th	nat satellite data	link is operative	(information).		
2.	Confirm can	nera mode of operation.					
3.	Confirm data	a recording rate.					
4.	Request AO	C flight director to leave	radar in non-s	ector mode for in	itial Figure 4.		
5.	Once at IP, r	request AOC flight direc	tor adjust radar	tilt to minimize	sea clutter.		
6.	Complete Le	ead Project Scientist For	m.				
, 7 .		casionaly with the flighter supposed to be made)		ake sure the mis	sion is going as p	lanned (i.e. turn	is are made
Post flight						Pws	170917H1
1.	Debrief scien	ntific crew.					1
2.	Gather comp	oleted forms for mission	and turn in to d	lata manager at H	RD.		×
3.	Obtain a cop	y of the Dropsonde raw	and processed	files from the AV	APS operator on the	numb drive.	
4 .	Obtain a cop	y of the radar LF files fi	om the radar te	chnician on thum	b drive.		,
	Obtain a cop	y of the tar'ed radar TA	files from the r	adar scientist on	thumb drive.		•
6.	Obtain a cop	y of serial flight data an	d raw NetCDF	file on thumb dri	ve from the data tec	chnician.	
<u>7</u> .	Obtain a cop	y of SFMR data on thun	nb drive from th	ne data technician	l• .		~
✓ 8.	Obtain a cop	y of DMT data on thum	b drive from the	e data technician.		,	/
9.	Report landin	ng time, aircraft, crew, a	nd mission stat	us to the Field Pr	ogram Director.		
10.	Determine no	ext mission status, if any	, and brief crev	vs as necessary.			
11.	Prepare writt	en mission summary us	ng Mission Su	mmary form			

Lead Project Scientist Check List

Storm or Project	Experiment name てのに
Flight ID 20170918 H1	Mission ID 1212 A

A. Participants:

HRI)	AOC		
Function	Participant	Function	Participant	
Lead Project Scientist	Zawiscak	Flight Director	WILLIAMS /SEARS	
Radar/Workstation	Zawiscak .	Pilots	K18884 (CND2)	
DUIL	RYAN		DIDIER	
		Navigator	URATO	
Cloud Physics		Systems Engineer	-	
		Data Technician	RICHAROS / LYNCH	
Dropwindsonde	Zawistak / Ryan	Electronics Technician	, , , , , , , , , , , , , , , , , , , ,	
AXBT/AXCP		Other		
Photographer/Observer		AVAPS: Pa	TEL.	
s/Guests				

\mathbf{R}	Take-off	and I	onibne.	Times	and I	Locations:
D.	I and viii	anu i	anumz	TIMES	auu i	Jucanuns.

Take-Off:	0750	_UTC	Location: _	LAL	
		TIMO	T		

Landing: LCC Location: LAL

Number of Eye Penetrations: 4

SHIPS SHEAR COUTE: 231 /37 KE

MOTION: 3600/8 KG

C. Past and Forecast Storm Locations:

Date/Time	Latitude	Longitude	MSLP	Maximum Wind
NHC 18/06002	32.6 N	71.6 W	972 m b	80 KE
122 FCST	33.4 N	71.6 W		
NHC 18/09002	33.0 N	71.4W	9.74 mb	75 KT
NHC 18/1200 Z	33.5 N	71.2W	440 926	736,

D. Mission Briefing:

ROTATED FIG. 4 AT LUICETE. SONDES AT THE COPPOINTS ON THE FIRST FIG. 4. CENTER BY REGULT FROM NHC, THOUGH THEY DO NOT APPEAR TO WANT THE ROMENT. WE'LL DO A SONDE ON THE OMESOUND TRANSIT TO THE 1A AT FERRY AUTITUDE I ABOUT HALFWAY. 90 AM: LEGS. OUT SOME PARTY GOOD CHOP IN THE PREVIOUS FIGHT.

SHEAR IS DRIVING IMPACTING THE STORM, MIST OF THE PRECE IS DOWNSHEAR.
CENTER CLASS FULL BY HEARLY EMPOSED - STRILL SWESTERN SHEAR. NO CLASS RESIDENT.

Storm or Project	Experiment name
Flight ID	Mission ID
E. —Equipment Status (Up 1.	Down ↓, Not Available N/A, Not Used O)

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

REMARKS:

TA VANO OBE CHECK OUT, SPC RETURN, PUR SIZES

SFMR +

AVAPS 1

DWL - CONNECTION BILL STATION 2 AND DWL NOT WORKING BUT DWL

Lead Project Scientist Event Log

Date	2017-0918 HI	Flight ID	LPS Zawislak
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Time	Event	Position	Comments
U750 Z	T/0		
, e e e	EMPOUTE TO IP		THE STURM. PRETTY MUCH NO
			STARTING TO BE EXPOSED.
08525	MIDWAY DROP	210231/760381	DRUP FROM 6700 M
			DWL NOT WORKING YET.
09232	ENROUTE TO 19		ALL PRECIP DISPLACED TO THE LOCAL OF THE STORM NOW.
			WORS LIKE CENTRE WILL THE FULL EXPORTED.
09502	קו	310401/71.321	Sanore
			THE CLEAR , NOTHING ON
			RADARS
10163	TOWNERS CTR	330191/7105'	SURE STABLANCE OF A CTR ON CF. SUMM DERAM WA
			CTURREDE CLEAR M SHALLO
			حسه اسعمد
10192	ADD. CTR FOU GOO		ALESANCE 133 VE REGISTER TO CUTSHORT TO FURM
10173	Cravil	330 231 / 710031	GUTROUNG 360° STRATIFURM
10342	W1 H2	34°34' /21°3'	THENING BOWNERIM
		Pass 1:	PEAL SEMP: ~55.564
SOMUE U3	103445 162712043	34.57/71.06	
10572	mu # 3	33° 34 1 /72° 51'	TURNIL INDOUND ANNO 270"
	ING SOLD TO CTR ZAOF		JUN STING OF CLUED IN
			MAYBE LICHT STRONG FURN POUL.
	CLOSETO CTR 12		TRACU, NATE THE ANIL
			AGOVE.
11222	CT2 # 2	3302+1 /710101	AON INBOUND AT TURN WE HAD GOLT
	090 0400		טרא שר ארתמחיני , זוומעשט
			AND BELOW.

Bear

DRX 42

orean +3

SUDAK 4

Lead Project Scientist Event Log

Date 9/18/17 Flight ID 2017091841 LPS ZAWISLAK

Time	Event	Position	Comments
11342			LOOKS LIKE NEXT IN BOUND MILL LIGHT TO BE OHS AT
1 1 1 1 1 1			FUMO, SU ALSO SHUMER
		CENTER PATT ZINFO:	973mb 6496 PROLL WOT OUT OUT OUT THE INTRAL INBUNO,
			EU ET AT SEC JEME UN'
			CLOURL TO CIP, FL PEAK GORFL
			786 seme outboad
1144 2	WERY ORDE	33 ° 291 / 69° 231	THEMS OUNDWIND
-		•	SKRING SUME CLUM AT TOUS AT OUR AUTITUDE ME MICH
			RATURN, MATRE ZEAEZ IN SIME UF THE THOUGH CONGETT
			COSE!
1157 2	GRADITE TO CON HIS	340241/69° 511	ELTERINI TIME CLOQ
			SHOUS GET FLY QUARY
	SONOR 5: 114459	33.47 /69.42	
	142835098	996 mb , 40 pt , 153	OB 11 15
			SATECLITE SHOWS A CONVECTOR
			THAT PRETTY GOOD US LAST POTS
12102	פה יהפסירט.		Comus Sunk Pagem NOW
			to a sart of alc.
12142		33 431 / 70 481	NOT MUCH RETIRM OF JA
1470			MOST PRECE VORAL TO NO!
			MOTHING MEN IN ME OHOD
			ASOUR. STROTU OF WIR FIL.
		000011	VERY BRUM WING FIRM W
15505	Crr. " 3	33°34' 71°14	FROM CTE.
			PROM CIP.
12412	THENE DOWNWITH TO	me we	TURNIUC DOWNWIN FOR
			FAIRLY CLEAR TO 1950

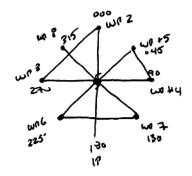
020045

SU FAR PRODUCT 2 FUL ANGUISED. INBULATED.

Lead Project Scientist Event Log

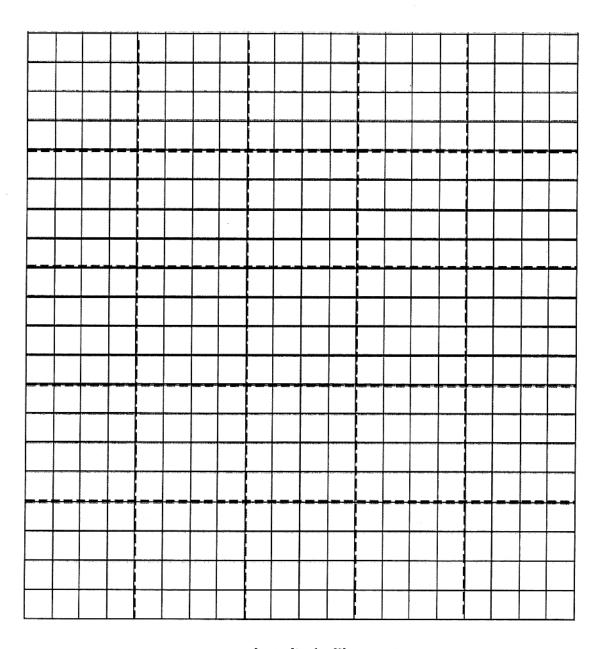
Date	9/18/17	Flight ID	20170918 H1	LPS	Zawislak	
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Time	Event	Position	Comments	
1308 Z	1953	32°33' / 75°2'	My 41 + 148 mm 137.	
			MAT EXCURE THE ANALYSIS	
	INBOUNTO CIR 155"		OUR IS NOT SCANNING BUT IT	
			WHE WILL BO CENTER SOME	
	·		ON THS.	
13302	CTR 44	33 036 / 710 15	EL WILL NOT MUCH CHEEK SERVE SI	
		পুরু ও ৫১		
14012		8. FFP OAH ROMOZ		
			PREMIN AS ALTITUDE TO US.	
			PRECE / WHA IN PARTY CAS	
			SO THE BOWNING WIN BE	
14092	ENO OF PATERN		ENORA DUNUEND UTC 2161/	
	FREET HOME	•	130' OT ALTHUE.	
	·		,	



Observer's Flight Track Worksheet

Date	NOR AND THE ADDRESS AND THE PROPERTY OF THE PR	Fligh	Harana Anna Anna Anna Anna Anna Anna Anna	Observer	SERVICE OF THE SERVIC
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Longitude (°)

Mission Summary Storm name YYMMDDA# Aircraft 42RF

Scientific Crew (4 RF)

Lead Project Scientist Zawiscak

Radar Scientist Zawislak (GROUDO: GAMACHE)
Cloud Physics Scientist
Dropwindsonde Scientist Tawiscar / Ryan
Boundary-Layer Scientist
Workstation Scientist
Observers (affiliation)
owe Ryan
Mission Briefing: (include sketch of proposed flight track or page #)
PUNIS FUE A RESORTED FIG. 4 AT LONE (DONASCH BLOT) MORE LIKELY
WI TEN OH MATIN. SONNES BY END PULLS OF FRIT FIG. 4 ON , 12TH
NHC COMPRE AT REQUESTED. TO AND LEGS! THOUGH PUT OF THE SURVEN LEGS
WILL BE IS CLEAR. ALSO 0201 A SOMRE ON CE INBOLM FERRY, HALFWAN TO THE IR
Mission Synopsis: (include plot of actual flight track)
MILE WAS GRANGEY CLIMBING. 17200 WHEN WE TOOK UPS ACLORDING TO MILY
UN TO 97600 OF ZON PASS. SO MUCH CUENC CONDITION COTT TO SOUTH JUST FERMUN
SMUSIN CU (NOT RESULT BEINGE), SSME ANVI CLOSER TO THE NORTH PRECIP
SULTEN. GOT SUME DEEDER CONVECTION TO PIP UP JUST N/UW OF CTRY BUT WITHRILLISE
GRADERA TO WERL /WW/ LIEST. JUST NON MUCH OF UN FL. BROWN AT THE CLUSS TOPS
CORPORED COM-LAWE SWIRE. TOUGH TO CET COM TOR ANDLYSS. BEST PRICE NO AND W. TOT STR. OTHERWAYE GOL SHALLOW CU, STR.
FIGURE TOOL PROJULI INDULIN TENNICATED INT TO
SECULA PATT WAT FULL. THIRD PATT TOUNDED, NO ACCUMULAND LEGG (RAD PATT /COT) OF NOTE)
FORM BUT POSS; NO RAIN INBOUNT BUT CUIBUUM HAN PURNUT, THEN WE TEVEN
COT A GOD TOWNING OF ZION 1840 TO GET PURE TOTA TOE ANALTHIS LEG , EDGE ANALTHIS LEG , EDGE ANALTHIS
Problems: (list all problems) So TOR MET, OWL HAD ISSUE, DREWS OFFICENES OFFI
DWL WAS NOT SCHWING BUT AT WARDIR AND COLLECTIVE OF A. COLLE BE A
GOSO USE FOR THEN CONSIDERANCE THE MICH WINDS ALLOCULA LIKE THE WAST ELICHT
TO WOCK ISSUES
Expendables used in mission:
GPS sondes: 6 (5 HEIP, INGIC)
AXBTs:
Sonobuoys: ϕ

JONE 25 WEARENING, INTAL MIE ADVISAN AT TZS HAD 972+2 WK FING URA MORE LIKE 977mb CONOTSUY SHEAR CAMPING CARLIE OTI MMRTRE IN رصعه والعلقا RAM DIG.