Lead Project Scientist

Flight ID) 20170908H1 Mission ID 2 2011A	
Preflight		
1.		G. no
2.	나도로 했다. 그리스 회사 전에 가장하는 학생들이 되었다. 그리고 하는 그리고 있는 수 해석의 하는 이 회사에 되어 함께 주었다.	am
	Director. Allo	
3.		
4.	Meet with AOC flight director and navigator at least 3 hours before take-off for initial briefing.	
5.	Determine from AOC flight director the mission designation and whether aircraft has operational responsibility.	fix
6.	Meet with AOC flight crew at least 2 hours before take-off for crew briefing. Provide copies of fligrequirements and provide a formal briefing for the flight director, navigator, and pilots.	ght
	Report status of aircraft, systems, necessary on-board supplies and crews to Field Program Director	
8.	Before take-off, brief the on-board GPS dropsonde operator on times and positions of drops.	
9.	Make sure each HRD flight crew member has a life vest.	
10		ar
In-Flight		
	Confirm from AOC flight director that satellite data link is operative (information).	
2.	Confirm camera mode of operation.	
3.	Confirm data recording rate.	
4.	Request AOC flight director to leave radar in non-sector mode for initial Figure 4.	
5.	Once at IP, request AOC flight director adjust radar tilt to minimize sea clutter.	
6.	Complete Lead Project Scientist Form.	
7.	Check in occasionaly with the flight director to make sure the mission is going as planned (i.e. turns are may when they are supposed to be made).	de
Post fligh	it , , , , , , , , , , , , , , , , , , ,	, ,
1011 1.	Debrief scientific crew.	R ?
2.	Gather completed forms for mission and turn in to data manager at HRD.	L
V. 1 0 13.	Obtain a copy of the Dropsonde raw and processed files from the AVAPS operator on thumb drive.	
Jo 4.	Obtain a copy of the radar LF files from the radar technician on thumb drive.	
<u>50 √</u> 5.	Obtain a copy of the tar'ed radar TA files from the radar scientist on thumb drive. (Have TH)	eT.
	Obtain a copy of serial flight data and raw NetCDF file on thumb drive from the data technician.	
6. 7.	Obtain a copy of SFMR data on thumb drive from the data technician.	
7 8.	Obtain a copy of DMT data on thumb drive from the data technician.	
0. 9.	Report landing time, aircraft, crew, and mission status to the Field Program Director.	
<i>,</i>	그는 아이들이 있는 이 집에 다른 이번에 하는 사람들이 되었다. 그 사람들은 사람들이 가는 이 이번에 가져보고 주요한 사람들이 되었다.	
10.	Determine next mission status, if any, and brief crews as necessary.	

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Lead Project Scientist Check List

Storm or Project IRMA	Experiment name TOR
Flight ID 2017-0908H1	Mission ID 2011 A
A. Participants	

HRI)	AOC		
Function	Participant	Function	Participant	
Lead Project Scientist	Zawislak	Flight Director		
Radar/Workstation	HOUSEH .	Pilots		
		Navigator		
Cloud Physics		Systems Engineer		
		Data Technician		
Dropwindsonde	DUNION	Electronics Technician		
AXBT/AXCP	D ON TON	Other		
Photographer/Observer s/Guests				

B. Take-off and Landing Times and Locations:

Take-Off: <u>6724</u> UTC	Location:
Landing: <u>1532</u> UTC	Location: LAL

Number of Eye Penetrations: 4

C. Past and Forecast Storm Locations:

Date/Time	Latitude	Longitude	MSLP	Maximum Wind
NHC OSONUM	21.50	73.3 w	92500	/40 kT
FCSr 092	21.7N	73.6 W		
NHC 09Z	21.7N	73. 8W	925 cp	135 Km
NHC 12-5	21.8N	74.7W	92700	130 KT
NHC 152	22.0N	75.3 W	927 mb	130 161

285/14

D. Mission Briefing:

LOADER 18 8TS. (R 30406) FIX ON EACH PASS. SO RUTATED FIG. 4 PATTERN, IR DROP AT TURN POINTS MIDPOLITS, COMBO WI HYST. RECLAR DROPS AT MAY WIND, CENTER. W EXCEPTION OF ONE EMEMON SONOR WILL BE A COMBO AND ONE EME (AIRE) LILL BE COMBO. LEMA AMENRY TO BE GUAR THRUCH EXEMPLE REPORTER. TONE AROUND THE EME ARE WARRING, STURM HA) WESLEWED TO 140 KET IN THE LAST PIX FROM TEAL. PHIN HACKEN INDICATES A CORCER OUTER ETRUACE MAN BE TAKEN'S OVER

Storm or Project 12MA	Experiment name	TDR	
Flight ID 20170908 41	Mission ID 2011A	5.1835	
F Faninment Status (Un * 1	Down I Not Available N/A Not II	sed (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			*	7 C.O.
Ozone instrument				
Workstation		200		
Cameras				

REMARKS:

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HAT COMMS USSUES PURING PRE-FLIGHT -> RESOLVED BEFORE TEXEOFF REGULARI NEW SETTING FOR ASPEN

IN TRANSIT: TOR & UP : BUTWAR IS WARECT THE TS ARE SHOWING VELOCITY (SEC RETURNS) AND REASCOUTH

> FEMPL IS UP ASIEN IS UP. VE IS UP.

18 AKSTS / 12 SONOET ON BUREN. A PART COMPANIES AND ARREST OF THE STATE OF

Lead Project Scientist Event Log.

Date 9/8/17 Flight ID 20170908 H/ LPS Zawscak

Time	Event	Position	Comments
07242	170		
J8003	ENROUTE TO 19		OFSO E IR IMPORTY INGOITE
			COUCHE CLEUR TORR PRESENT THE ETHERSHIP PERCHAPS INDICATING THAT ETCL IS ONGO BEHARMENT AND POSSIFICE CUMTRECTUS COLD OCCUR.
		·	SPERS AT THOUGH PALL
			HOLLEGE THAT THERE IS A HOLLEGE THE STUTEM, HOLL WERKERED SOME
08232	ENLOWE TO 1P		0800 - GIRD-RINGCOTEP
			NRAR COMPLETE AZI, COURTAY
०१०० र	ELESURE TO IP		NHC HOS COMERCO INTO
			TO 155 KT (CAY). INDICATES
		1.44 . S	OF EXPECTED.
09192	19 12/85	210391 / 750101	IR/8T , INGOIND OND
09203	dinta er Tallacia	AND DESIGN TO THE	PAR ~ 870 TO CIR
	: tallyte, al	and dramater to	LE INDICATE THE REPRINE
			WHER ETEWAL STUR ROSE !. OUTER PRESENCE MUR INTENSE
09292	MD BIW WBOWN THE	210401/74037	PROPER SHORT OF LEW EVENEL.
09372	(tr # 1R/B+	21038 / 24041	CEMPER M
		No. 181	REMONT INNER STRUCK SW
-0948Z	איני פעופטייני	21 37 773 16	BEFORE HICKIT ROW & CRISE
0957 &	* EW 42" 18/Br	21"371/72"41"	IN PREMY HEAVY STRATEGET
			STILL PLANT D COUPLE MAN ON THE TRACE TO WAY
		•	EIRM DROD
		CENTRA PAS 41 INFS:	PEDE SEC 116 KT, EL 130 M
			or observe frence in
1008 2	DOWNWIND TO WAH 3	19 July 10 18 18 18 18 18 18 18 18 18 18 18 18 18	INSTESTIBLE OUTCE PLAND

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e 4 4 55 44 2#5,85*

Lead Project Scientist Event Log

Date	Flight ID	LPS	
D 410			

Time	Event	Position	Comments
			ALSO, DECITION TO NO
	,		BY COMBO . WHE OUR THE IR!
			NEED IT AM MURE AND A RECOUR SOME DOESN'T
			ףט שש הייננו פסטים,
10212	ENBOURTO WITE		LOOK LIKE SOUTH OUR BRAD .
trigencia, in the			WE'LL GO OUTBOUNT ON 1870°
		ov. Pro transfer t	04.50.
10382	NEWNO CHAM S		THE WALL HAS TOO HOM FICH
		• -	IN ON 1650
10432	Us #3	22°571 /75°31	WIN H-2 WART ZON OF COSTONE
* * * * * * * * * * * * * * * * * * * *	DEVITUR OUR		INBOUND 1020 CONFOCIUL
itan Jan	CONVECUIN!	. Charles	
1052 2	INBUM CTR 335	· Victoria Co.	LITTLE BIT OF UF INNER EYEAU
10543	HIP Par 375 wagen	220201/740441	IR/BT CUMBS FOR UND
50011	CTR#Z	210371/740231	אט לטשר
1177	MIPPOINT 1550 BUIRDIN	21011/74041	PRIOR IN MOOF REUN
1130 2	wo # 4	20"121 /75"421	THE TO GET IN CEID ROLL,
	WE/BT COMBO		THIS (IV IST COMBO DEOP
	•		Theur up achieve curp
11356	סשושוה דע נא של		ASILED FOR 300 THACK IN COUR TO GET BETTER TOP
tosk po			COVERAGE
1142.2			CIRCLING FOR WORKING OFC
4553			DUT OF HOLD BUT HEATINGTO NEW WITH S
1203 2	IN ME # 2	20°51' /73°201	INPOUND . 310 DE THE
			ABOUT BOAM LEGIN BOWN ON
12102	M1070 UT ON 1350 LIGHT	21011/73043	IRIRE COMES MATRE LICHT

2nd OFFISH BY FL UN 2nd PAN

Lead Project Scientist Event Log

Date	Flight ID_	LPS	
Time	Event	Position	Comments
14152	MAY WIND DROP	21°31/74°17'	ON 11800W 130, 25 At LINE
			ALMOST 120 BY SEC BUT BO
12252	CTR 413	210441/740411	REAL ASSIS FOR DIS GHELL
		21 44 777 11	PERMEUT SOME OTO
			ETELOU. SOUPY.
15305	קפקס קטוש החה	210/561/74058	max whin begin outbour
1240 2			
1210 2		22,51, 42,939	MOPOINT OUT DOUND 310°
12482	علا مِن	22" 441 /75"58	THIRD POST; OUTBOUN 147 ET
	DUWNWING TO	B. C. 1 43 30	THI DUMBLEY WILL THE
	We HT 045° INBOU	NO ON MENT	CUBAN DOLE
- Production	INBOS	AT WO #7	THEN METH 60 032.
	~13023 + TUNIMIG	HT BY OUR INBOUND	
13105	WI IIZ	210291 /75072	הטיותר שמנו לשות דמותם" השוער בער סלב והשמים
		2878\$ 307m	REALLY THENTH SEACED SO
er State Literatur		mut Aveu	PID UN UT COMBUL WILL OU REGULAR MAY WIND PROP
	• 4.		CARBO , THEN GO BUT BOUR ON 035°, MAY LUING CARBO , THIS POUT CARBO
13167	משפטעו מאיש בארו	21°38' 175°21	MAX MIND CARE INFORM
	tyo		777
13202	CTR 14	Causo SIOALI	COMPO DEOF IN CIR.
		WINT 74.02.	RHW. OULY COME MIN POINT
3302	MIOPOILT ON	Careo 22°12'/	AND ENDROUNT
	SUTBOUND 035	Careo 22° 17'/	COMBO BEFORE MINGO. A.
		· · · · · · · · · · · · · · · · · · ·	Peace Peace

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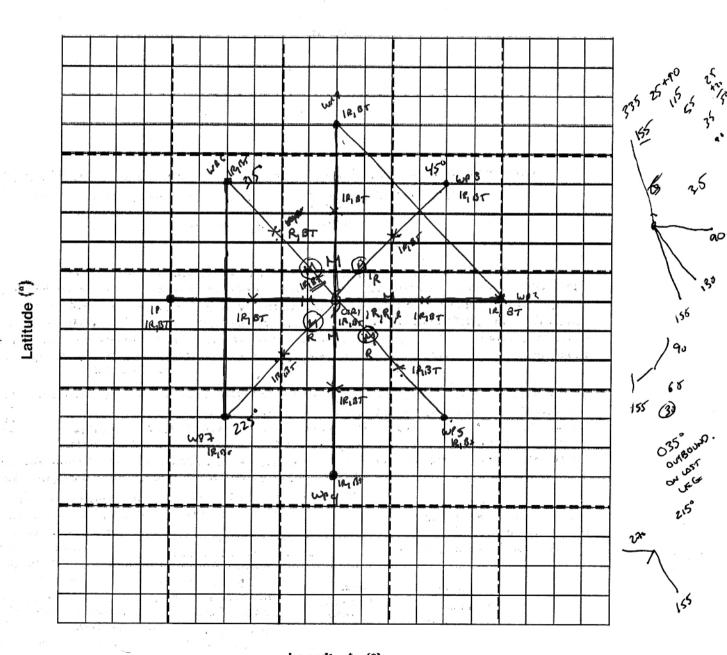
W# # 8 ENGPOINT

BIW ALC OLITING MYCH RAW

W 418

Observer's Flight Track Worksheet

Date 9/3/17 Flight 20130908 H | Observer ZAWISAK



Longitude (°)

Mission Summary Storm name YYMMDDA# Aircraft 42 RF

Scientific Crew (4 RF)

Lead Project Scientist	awistar				
Radar Scientist Hausach					
Cloud Physics Scientist					
Dropwindsonde Scientist_	DUNION				
Boundary-Layer Scientist_					
Workstation Scientist					
Observers (affiliation)					

Mission Briefing: (include sketch of proposed flight track or page #)

ATTEMPTE FUT ROTOTES FO. 4: 270" > 070" , 000" → 180", 135" → 315" 225" + 045 - IRIGT AT TURNS AND MAS, ONE IN ETE, DIE WAR BRU. MAY WIND REGURE DROPS. HOLY OVARRANTS.

Mission Synopsis: (include plot of actual flight track)

TOUCH TO GET A CLEAN PATTERN WI CURA SO CLOSE TO THE CENTER TO THE SOUTH / SOUTHWEST, WE ACCOMPLIAND IN ON 270" (THOUGH SHARETE THIN GETTE) THEN GOOD GUTBOUND BOD', SOME UN ANDIDANCE OVER FIRST 25 ME MINE US GO INBOUND ON 3350 INSTEAD OF 360", STOTED ON 1550 OUTBOUND. OFTER A HOLE WE FINITHEN DOWNWIND ON 130/135" PURIM, OUT ON \$10" - DOWNWAY TO 225" + WELL TRUNCTIES ON IN SINE (MATER BORNE?) DIE UT BIRTIPALE, TURNES TO 0750 DURAULES AND GUT FULL LEGA Evaluation: (did the experiment meet the proposed objectives?)

WE REVERSED 18 IR SUNDE /AYBT COMBO. WE EMPEN UP WI Z EME COMBOS , RESTOR a cithe confusula regar in South avalvabilty on First dispung SO ENTED WI CIFET COMOS, NO MIRPORM (THE CLUSE TOCEPHER), AN EYE COMBO (40 PASS), MUS MAY WIND, & COMBO ON EITHER SING OF RANDOWN.

INHERMIST UPS CUSE TO RAW (JUST OLISINA) -> 2 UPFORMS RAWNIL PROFILES FOR THEIR INNER UED OBE BELOW THA OWER. SO WE GOT THE ETE

Problems:(list all problems)

3 OUT OF THE LOST Y BTS DIO NOT REPORT DETO - BLE,

AM 2 MIRROLLES

AL GREAT SHOE /BT GOD

Expendables used in mission:

GPS sondes: 3 20 74, 18 12 5 00 65 *350mpt AXBTs: 18 AXBTs

(15 600 /3 ws 577)

Sonobuoys: __

COMOS +2. athermise has the miopours and ENDROINT COMOIS. OUL ? REGUSA SUMS 4 au mer wird. So WE GOT GERD 4 INBOOM 130

DOTA FRA BLL IRIBT

CURRUS

OUTBOWN 310 INBOUND 225°

LA PROPE POPE BY MOPSIMI + TELED TO

LA SE DIDN'T GET COMES IN MAY WIND

AND FUN PIS

Dr 032, MV2

CLESE TO F

THOUGH OUF

KARO THEN IN MOST RECIONS AND BETTER WY AT THEN PHINTS.

4 SCATTERED CLOUDS BELOW BY MOST PURCHENTA

Y TOR BIDLESES - THOUGH MONY W TRUNGATION

BUS O LOOKS LIKE WIS TO HAZ GENE TO Some, But now or THE REPUBLIE WHER ETENDER WAS GOR SHUR AT OUR ALTHOUGH BUT THE THING SHOUR STAND CLEARING AGRIN.

153 SE CUI SERIUG ce mages COPPER PURITE