Lead Project Scientist

Date 8/17/19

Flight ID 2019 081741

Storm or Project EP95
Mission ID WAY XE GENESIS

Experiment name GENESIS STAGE (PRODE)

Pre-i	light	
	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 Field Program Director.
	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-Fl	ight	
	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-	flight	
	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: a	Il data res	moved from the aircraft by HRD personnel should be cleared with the AOC flight director.]
	6.	Report landing time, aircraft, crew, and mission status along with supplies (tapes, etc.) remaining aboard the aircraft 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 EP 95

Experiment name GENESIS STAGE (PMODE)

Flight ID Z019081741

Mission ID WAWKE GENESIS

A. Participants:

Function	Participant	Function	Participant	
Lead Project Scientist	ZAWISLAK	Flight Director LUNDRY	/ Holmes	
Radar Punion		Pilot DIDIER/ABITBOL/MITCHELL		
Workstation		Pilot		
Cloud Physics		Navigator RICHARDS		
Dropsonde Bucci		Systems Engineer		
Dropsonde		Data Technician Mascago		
AXBT/AXCP		Electronics Technicians		
Observer/Guest				
Observer/Guest		Flight Engineer		

B. Take-off and	Landing Times an	d Locations:

Take-Off:	1303	UTC	Location:	LIR	CUBERIA, C. 2.	1

Landing: 2012 UTC Location: LR

Number of Eye Penetrations:

C. Past and Forecast Storm Locations:

Date/Time	Latitude	Longitude	MSLP	Maximum Wind
1				
1				
1		4		
1				
1				

D. Mission Briefing:

HEADED OUT TO INVEST 950 THAT NHE IS GIVING A 40/30% CHANCE OF FORMATION IN 715 PAPS. PLAN IS FOR A LAWNHOWER DATTERN CAST-WEST DESERTED, UP TO ZOKER OUTSIDE OF PRECIPITATION PLENTY OF CONVECTION IN THIS TILING, A LIF OF IT ON THE NUMBER SIDE, SO HOPING TO GET PLENTY OF RADAR COVERAGE.

BOX IS STOT UP FOR 10-13N

90 - 96W THENCH MAY THE ZM/37 CECT

TO THE EAST SINCE NUT MICH

GUNG ON AT 96W, WE THINK

Storm or Project 6995	Experiment name	GENESIS STACE (PMODE)
Flight ID 20,009(714)	Mission ID NAW	UXE GENESIS

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				
Cloud Physics				
Data System				
GPS sondes				
AXBT/AXCP				
Ozone instrument				
Workstation				
Cameras				

REMARKS:

Lead Project Scientist Event

Date 3/17/19

Flight ID Zoi9081741

LPS Zawislah

Time	Event	Position	Comments
1303 Z	T/O LIBERA, CR		HEADED OUT TO CISS
			PLOT OF COLLECTION WAN THE
			FOR THE RIDAR
×			CIRCULATIVE OUT THERE IS A
			Niw.
13462			SLAE LOOKING LIKE & DEPORTEDING
14082	SONDE 41 AT 13M		
14193	SONDE DZ AT BNI		Sinor w Chaps BELOW
14302	Soupe 43 AT 126		SSHOR #3 DESHE IST E+W LEG
			SHAWOW CLUD MOSTER
1432 2	Source 44 or BNI 92'131.		BACKUR SOWER TO \$3 or
			MOSTUR CLEAR UP HOME WHUTEN TOWNER WHUTEN BAR WHUTEN
	SONDE US AT 13NI 93+W		BAD PTU DATA - WILL
	SONDE "6 AT ALCUM		BETTER LOXING SOME
1453Z	SONDE HA OF ISNI		the cheuch boy to the
			DEFINITELY SOME DEAL COMMEN
15042	SUNDE #8 AT ISNI		SHIPPOINT SOUDE AT THE END OF THE 8-W USE NOW HELDER BOW TO 2ND LAWNINGUE LEG
15152			SO THE RAPPE STANC BLUE THE
7,30	7 - 7 - 1		POSA WOCKSTATION AND THE
			SYMLOO
15173	Susa #9 # Pul	94 601 110571	MU GANG TO BEEN OUR
			GENE TO HAVE TO DESCRIPT DUT MORE WX ON THIS LEC
1932 Z	SONOR * 10 12W/	•	MOSAN CLEAR HONE

Lead Project Scientist Event

Date 8/17/19

Flight ID 2019 0817 HI LPS ZAWISLAK

Time	Event	Position	Comments
5 FP21	SOMPE #11 12N/		THE SOUDE ON ZT WE LEG
12.7.7			AROUND TUST CAME OUT OF O
			WSCATTERED CURS PROW
			SUME DAVIL MANY CLOUP DECK!
			THE MINDLE OF THE PATHERS
			WITH CONVERTIN ON THE
			OUT THIS SEEMS TO BE WHERE
			THE NURSH SIDE INFOW OR WORTHERUKI CHES BR
			PRETTY INTERESTING.
5002	SONTE AIZ 12M		WE HAVE DESCENDED SOME TO 4800 RALT TO KER RELL
			CHEATING DOWN AS
			WE OUT MURE INTO PRICED.
16122	SONDE #13 12N1		300 to LOT OT ON 2nd was
		_t	IT WAS DROPPED IN STAR
16182			A LOT OF SMANTUL NOW
3.7			BESARRY PARCE ON THE
			EAST SIDE
1624 2	SUPER HIY DENIQUE		CANNOWER LEG
			USE SHOW UP CHECK OF YOUR
1632 Z		THINK W	WIND OF MOURY TOWN
			JUNET A MUCH TO THE MANNER
1634 2			SO NOW HIT ES OF ZACAMI
200			THUNG AND DROPPED A BIT
141			EARLY TO MAKE HAVE TO ATM
C482	SONDE #15 11 N/		HOW REACH THE HART OF
			THINK WE'RE BOIL OR MAIN
			CONVECTIVE APEN

TEN STATE OF THE BOOK OF THE B

CAME WIN ABOUT ZO - ZO MIN OF GOV AT 11 N/990W WHICH IS THERE FURNIEST NW POINT CF THERE CHWINDWER Flight ID

LPS

Time	Event	Position	Comments
17012	SONDEHIE HOW		This is Somme #2 or 3" EAST-WEST LEG
			PRESTY CURAR OUT HATEE
			FIRST LOOK AT JUNDE COARS
			CLECUATION BELLETING BAP WHOTE OF THE FL WIND
17102			STILL LOSS OF CONVECTION ON
			SALL CORE CHE CONVECTION
17143	SONDE 417 11N/		BULLERY M BENTONNING
200			STILL SWESTERNES AT FL.
			AMUL CLUB - NOT MUCH 147
			SEETS MOUTH STRATIFICAN
1726Z	South #18 HN/ GZW	THOUS WEEK	THE DOES ON END THE LEC
			CUNKCION PLOT IS
			WEARPING AROUS THE SUMS
			RE INTERFERENCE ON
			THAT OFOR LOST THE USFAL THOUSAND FO
7 353			SERTS WILL A LOT UR STREET
			STIL , NOT MULLS
			SEEM TO BE PAST CHOPUR
7387	SONDE #19 11N/		FURTH SUNDER OF BROLEG UP
	WINDS COULD BE		2nd RADAR AWALTSU SUGGEST
	A LITTLE IPY ON		A THENT MON , DOURTO ZIM,
	REPORTED BY AVARI		THAT CALL BE TOK KIND OF FUCK POINT URICK LINE
17502	SUNDE #20 144W		
1803 2	JUNE 451 11 45W		CLESS PRIMI CHEMIS
1815 2	SUDE # 22 10 4 / 9510	CLEAN DELIN,	COUNT OF THE POINT
8282	SONAK 423 16N/94W	Guino Theady Cues	JUST THE ELLIPSITO ON THE
5018	SUNDE HZY ION/93W	CON BONE	SOM SIDE OF THE

1851 & Sorak + 25 164/92 W

19023

NOW HEROID TOWNRAI O

Some "ZE

WEN CHAROLINE

TO THE FOUND OF

ION/91W

LINE THAT HOI DEVELOPES

GST SOME BLOWN AT ALTINDE, CALERY BACK,

TATIL CONVECTIR BOND WE JAW EARLING

SSUDE WILL MAPLE THE INFO WES THAT BAND

Source 26 LAX POLIT OF LA WIMOWER 19142

MONDED WHE BIT OF DAKENS APPECTIVE THE CIRCUMINO

BLOW UPF FROM THE CONVECTION

IS STILL TO THE SOUTH

beverine over conscious

Mission Summary

Scientific Crew (42RF) Lead Project Scientist Zawislak Radar Scientist Dunian Cloud Physics Scientist Dropwindsonde Scientist Bucci Boundary-Layer Scientist Workstation Scientist Observers (affiliation)

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

LAWNINGWER PATTERN ENCUMPATSING INVEST 95E IN THE SIST PACIFIC ADJUMES IN FUCILIT TO BE BANKEN GAM AND ARM UND ION TO ISN. 4 UEUS, OF 20 UP PHD BEIOUS AS NEEDED

Mission Synopsis: (include plot of actual flight track)

EXECURES FOIRLY WERE WORD UNION A FEW DESTABLIST (Z ON THE N STOR) LIOW EAST TON MEANT WE DION'T GET AN THE WIM TO BOW.

DEFINATION A BRUSTO GREWOOD AT LOW-LEVEL WATH JOHN OF CONTINTO TRUCK PRINTUR MUTHOL THUK WAS DO SHE ON MEN UN TIME COST STOK UK PROMOTH IN SUMA STROMETICAN. DECENT SOUTHBRUSH / TO NAMEDITY WITH ON ENT SAR, SU GUID INTOWN IN BUT NUMBERS ON WELL SAR MUCH PRIME TO MARGE STREAM? Evaluation: (did the experiment meet the proposed objectives?)

REPUR GOOD PROTERIOR CLUSTER COMPRESED LINEAU IS BUSINES LO DIN JOHNSON OF OURS SU THE " CHARLEMENT WORLD OUT WELL

CARCUMATION IS TO GREATING ACT TOURNERS TOUT STU BREND TO NOW CONSTROTUR MINIMA GOOD NEWS ... WE WERE DOLE TO COMPUTERE MUST of home who we so some INTEREMENT BAND SET UP AT THE EUR OUR TURN LAWYHAN Problems:(list all problems)

THE HAN WORKERMIN DIO NOT SUNC W ONE TECH STATIST TO GE THE SUEET FUEL HAD TO KNO OR MANUAUM DO IT. BUT TOTHE THE ALLOWER US TO GET POUR REST-TIME ANALYSIS

FEW BAD DRODIONOEL. REWIRED BARONE OF TWILE - BOTH WERE ON THE I'VEC. WERMAN NOT STATE WI RADAN WURKAANW

Expendables used in mission:

Deployed Good Bad 26 Prs Z8 28 2 BACKUPE 2

AXBTs:

Sonobuoys:

GPS sondes:

UAVs

DREAM GODO WI CODENINATION WI OTREC. THEY'LL BENEFIT FRIM THE DAM AND WE BENEFIT FROM THEIR).

WHE UI'M IT TO 50% w 2 oprs, 80% 12 5.

50 BB. T at an INGREDIE BOIRD

ON UP PORT