1771° - V	4 ID	0808301 Lead Project Scientist Storm Gustav LPS Uhlhann
Fligh		O808 301 Storm Gustav LPS Unlhorn
Prefli	ignt	The state of the s
4	1.	Participate in general mission briefing.
-/	2.	Determine specific mission and flight requirements for assigned aircraft.
	3.	Determine from field program director whether aircraft has operational fix responsibility and discuss with AOC flight director/meteorologist unless briefed otherwise by field program director.
	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.
1	5.	Meet with AOC flight director and navigator at least 3 hours before take-off for initial briefing.
	5.	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	6.	Report status of aircraft, systems, necessary on-board supplies and crews to appropriate HRD operations center (MGOC in Miami).
V	7.	Before take-off, brief the on-board GPS dropsonde operator on times and positions of drop times.
	7.	Make sure each HRD flight crew members have life vests
-1	7.	Perform a headset operation check with all HRD flight crew members. Make sure everyone can hear and speak using the headset.
1	8.	Collect "mess" fee (\$2.00) from all on-board HRD flight crew members.
In-Fli	ght	
J	1.	Confirm from AOC flight director that satellite data link is operative (information).
	2.	Confirm camera mode of operation.
J	3.	Confirm data recording rate.
V	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 fl	light	
	1.	Debrief scientific crew.
	2.	Report landing time, aircraft, crew, and mission status along with supplies (tapes, etc.) remaining aboard the aircraft to MGOC.
	3.	Gather completed forms for mission and turn in at the appropriate operations center. [Note: all data removed from the aircraft by HRD personnel should be cleared with the AOC flight director.]
	4.	Obtain a copy of the 10-s flight listing from the AOC flight director. Turn in with completed forms.
	5.	Obtain a copy of the radar DAT tapes. Turn in with completed forms.
	6.	Obtain a copy of the all VHS videos form aircraft cameras (3-4 approx.). Turn in with completed forms.
	7.	Obtain a copy of CD with all flight data. Turn in with completed forms.
	8.	Determine next mission status, if any, and brief crews as necessary.
	9.	Notify MGOC as to where you can be contacted and arrange for any further coordination required.
	10.	Prepare written mission summary using Mission Summary form (due to Field Program Director a week after the flight).

MISSION ID: 1467A GUSTAV

		roject Scier			The state of the s		
Storm or Project Date	t Gustar		Experim	ent name TP	2		
Date	Aircraft		Fli	ght ID OSO8	30 I		
A. Participants:							
and a companies.							
	HRD			AO			
Function	Function Participa		Function	this shirt in	Participant		
Lead Project Scient	entist Uhll	wr_	Flight I	Director	Parryt		
Radar	100	oto	Pilois		Merson, Ebhe		
Workstation	2150	not the	Navigat	or	Membra er		
Cloud Physics	- avar	- G		s Engineer	gallagher		
Photographer/Ob	server 100	Ja K		chnician	- Chick		
/Guests	ABC	News			Smith		
Dropwindsonde	Her	&	Electronics Technician				
AXBT/AXCP			Other				
Take-Off: Landing: Number of Eye Per C. Past and Forec Date/Time	netrations:	ions:		MSLP	Marina		
Date/Time	Latitude	Long	gitude	MISLP	Maximum Wind		
			***************************************	7			
	7						
				a Parkin in			
. Mission Briefin	g:		A	0 1	1 51		

BR in Gustar, S. of Cuba. Butterfly patter w/ Cuba overflight chearance

E. —Equipment Status (Up ↑, Down ↓, Not Available —, Not Used O)

Equipment	Pre-Flight	In-Flight	Post-Flight	# DATs / Cds /Expendables/ Printouts
Radar/LF				
Doppler Radar/TA				
Cloud Physics	138 NS 181		36	
Data System		70.11		
GPS sondes				474
AXBT/AXCP	0	The state of the s		
Ozone instrument	-1/		and the second	
Workstation	V -7			
Videography				

REMARKS:

- AXBT Signal recorded on DAT.

- 20 BTS

- 10 Dropsondes

- SAME high-bank maneuver.

PH Alt 12000' pressure

Lead Project Scientist Event Log

Date	Flight	LPS	
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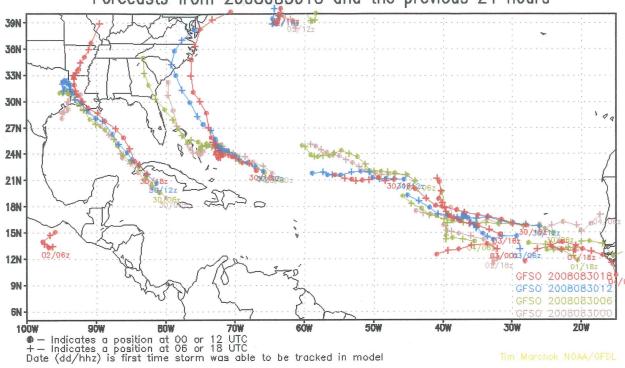
	Time	Event	Position	Comments
		Event	1 OSITION	Comments
	0805	(19-1/80H	ence	
	094120	TP/3T0	21.48 82.20	Begin Leg 1
		GRSO		SST 29.7 shallow
PK Sfe wind 47 m/s	095/22	MO	20.83 81,78	Dudy
Will It	100/13	B13 /918 0/Eye	2034 8131	msup 959/55T 29.2
	10/6/4	ST(4)	19,48 80.78	NSST 29/3
End leg16	102750	BTG/4PS	18.81 80.39	29.0 557
	103435	13+60	19.24 80.13	287885
	104130	BTO	19.83 79.87	and 23.6?
	104536	BTQ	20.12 79.28	357 28.4
	105130	BT9/6P54	20.61 79269	SST 28.9
	105230	turn W	20.63 79.75	Begni leg 2
	116237	BTO	20.62 80.55	SST 291)
MSLP 955	1112)	Changed AXFA Tgp
motion }	111525	BA(U)	20.58 81.52	fye 29.0
320/14)	11229	BID	20.59/82.43	
	114023	PT(B) / GPS(B)	NO-51 83,36	End leg 2 79, \$ 55
	114940	BTO	19.88 82.95	
	115547	AP86	19,42 82,68	(Ranbard Prop)
	115859	BT(15)/GPS 17	1922 8206	Turn to NE Hedden
	N0100			Beg. Leg 3
	124131	18F16)	20.15 82.03	55t 29.2
MSLP 955	122330/	BT(7)	2026 8171	Bye 29.2
	12814	GPS 0	21.03 81.55	NE Eyewall SAME
	123114	BTB	21.20 81.45	29:355
End	12117	BT (9/ 9859)	21.75 81.19	-29,1 Shalloy
leg 3	124549			(24B

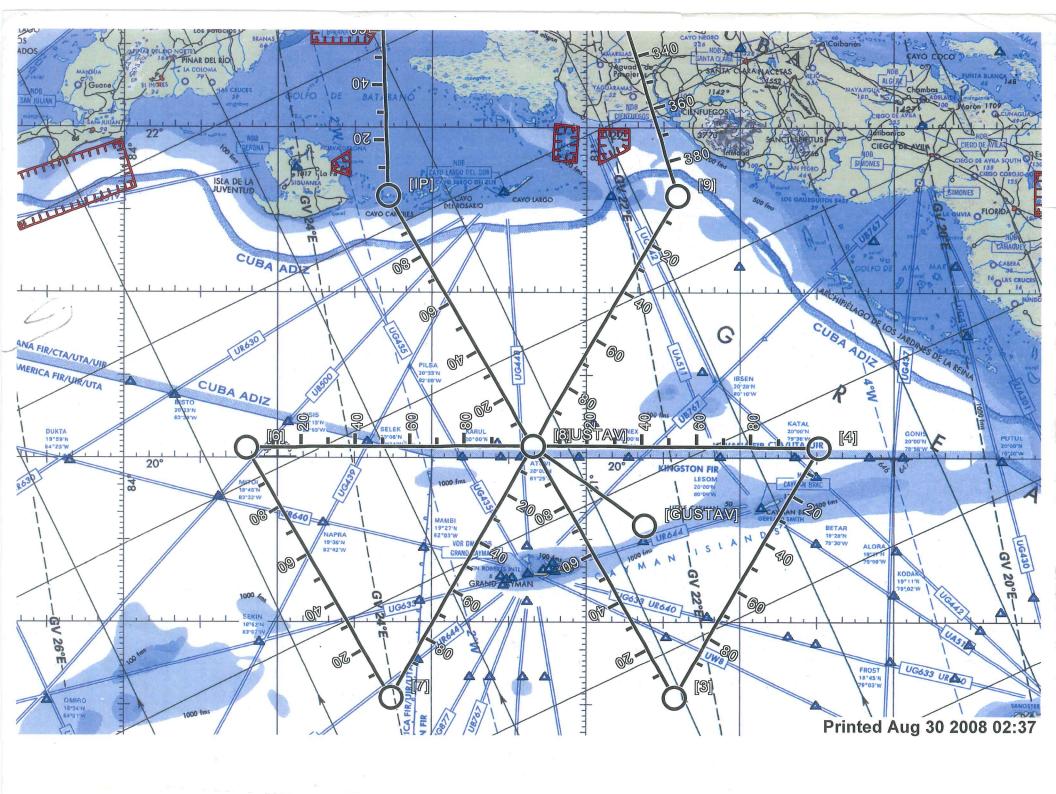
Observer's Flight Track Worksheet

Latitude (°)

Longitude (°)







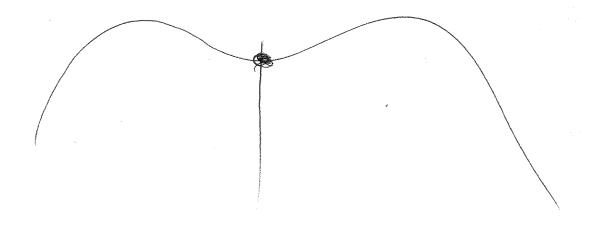




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Turn	Pt Type	Fix/Point	Latitude	Elev	Aspd	Altitude	МН	TH	Leg Time	Leg Dist
	DTD		Longitude	MV	Bank	Wind	MC	TC	Clock Tim	
1		KMCF/A	N 27 50.96	.14FT	270T	12000M	189	185	00+00+00	0.0
	*M	MACDILL	W082 31.27	4.5W			189	185	00:00:00	0.0
2		SRQ	N 27 23.42	20FT	270T	12000M	189	185	00+06+07	27.6
	*M SRQ	SARASOT	W082 33.82	4.4W		5.25	189	185	00:06:07	27.6
3		VIOLA V57	N 26 57.06	unk	270T	12000M	159	155	00+06+27	29.1
	*M VIOLA	Company of the Compan	W082 19.94	4.5W			159	155	00:12:34	56.6
4		PINTS V57	N 26 48 17	unk	270T	12000M	134	130	00+03+04	13.8
	*M PINTS		W082 08.15	4.6W			134	130	00:15:38	70.4
5		RSW V579	N 26 31.79	25FT	270T	12000M	135	130	00+05+38	25.3
	*M RSW	LEE CO	W081 46.55	4.8W			135	130	00:21:16	95.7
6		HICUP V22	N 26 24.82	unk -	270T	-12000M	185	181	00+01+33	7.0
	*M HICUF	CAMPAGE STATE OF THE STATE OF T	W081 46.64	4.8W			185	181	00:22:49	102.7
7		MARCI V2	N 25 53.46	unk	270T	12000M	185	181	00+06+57	31.3
	*M MARC	MARCI	W081 47.04	4.7W			185	181	00:29:46	133.9
8		RIGOR V2	N 25 07 36	unk	270T	12000M	185	181	00+10+13	46.0
	*M RIGO	RIGOR	W081 47.57	4,5W			185	181	00:39:59	179.9
9		STING V22	N 24 52.90	unk	270T	12000M	185	181	00+03+12	14.4
	*M STING	STING	W081 47.78	4.5W			185	181	00:43:11	194.3
10		EYW V225	N 24 35.15	10FT	270T	12000M	185	181	00+03+56	17.7
	*M EYW	KEY WEST	W081 48.03	4.4W			185	181	00:47:07	212.0
11		UVA	N 23 01.48	300FT	270T	12000M	173	168	00+21+11	95.3
	*M UVA	VARDER	W081 27.22	4.4W			173	168	01:08:18	307.3
12		UCL G448	N 21 36 30	100FT	270T	12000M	187	183	00+18+53	85.0
	*M UCL	CAYO LAR	W081 31.96	4.1W			187	183	01:27:11	392.3
13		TR0033301	N 21 34.81	unk	250T	12000M	272	268	00+10+03	41.8
	*M IP		W082 16.83	3.6W			272	268	01:37:14	434.1
14		TR0013050	N 20 03.70	unk	250T	12000M	153	150	00+25+12	105.0
	*M GUST	11.00	W081 20.51	3.9W		2.73	153	150	02:02:26	539.1
15		TR0031501	N 18 32.28	unk	250T	12000M	154	150	00+25+12	105.0
1 17 17	*M 3		W080 25.26	4.3W			154	150	02:27:38	644.1
16		TR0030901	N 20 03.11	unk	250T	12000M	035	030	00+25+12	105.0
	*M 4		W079 28.97	5.1W	40		035	030	02.52:50	749.1
17		TR0013050	N 20 03.70	unk	250T	12000M	276	271	00+25+12	105.0
	*M 5		W081 20.51	3.9W			276	271	03:18:02	854.1
18		TR0032701	N 20 03.11	unk	250T	12000M	274	270	The second secon	105.0
	*M 6		W083 12.04	2.8W			274	270	03:43:14	959.1
19		TR0032101	N 18 32.28	unk	250T	12000M	152	149	Committee the American Committee	105.0
	*M 7		W082 15.76	3.1W			152	149	04:08:26	1064.1
20		TR0013050	N 20 03.70	unk	250T	12000M	033	030	The state of the s	105.0
912000000000000000000000000000000000000	*M 8		W081 20,51	3.9W			033	030	04:33:38	1169.1
-21		TR0030301	Contract of the state of the st	unk	250T	12000M	034	030	00+25+12	105.0
	*M 9	A CONTRACTOR OF THE PARTY OF TH	W080 24.18	4.8W			034	030	04:58:50	1274.1
22		Property of the second	N 21 34.83	unk	290T	12000M	275	270	00+04+58	24.0
9530000000000000000	*M PERL	Control of the Contro	W080 49.98	4.5W			275	270	05:03:48	1298.2
23	1 1 0 Section Street, and the second	UCL	N 21 36.30	100FT	290T	12000M	277	272	00+08+06	39.1
ACTION CONTRACTOR CONTRACTOR OF THE PARTY OF	*M	The American Control of Control State of State	W081 31.96	4.1W			277	272	05:11:54	1337.3
24	The second second second		N 23 01.48	300FT	290T	12000M	007	003	00+17+35	85.0
\$200 ACC \$20	*M:	CONTRACTOR PROGRAMMENT OF THE PROPERTY OF THE	W081 27.22	4.4W			007	003	05:29:29	1422.3
25	the state of the s	EYW	N 24 35.15	10FT	290T	12000M	353	349	00+19+43	95.3
	*M	KEY WEST	W081 48.03	4.4W			353	349	05:49:12	1517.6

urn Pt Type	Fix/Point	Latitude	Elev	Aspd	Altitude	МН	TH	Leg Time	Leg Dist
OTO	Descriptio	Longitude	MV	Bank	Wind	MC	TC	Clock Tim	Total Dist
26	STING V22	N 24 52.90	unk	290T	12000M	005	001	00+03+40	17.7
*M	STING	W081 47.78	4.5W			005	001	05:52:52	1535,3
27	RIGOR V2	N 25 07.36	unk	290T	12000M	005	001	00+02+59	14.4
*M	RIGOR	W081 47.57	4.5W	4 10 6		005	001	05:55:51	1549.7
28	MARCI V2	N 25 53.46	unk	290T	12000M	005	001	00+09+31	46.0
*M	MARCI	W081 47.04	4.7W			005	001	06:05:22	1595.7
29	HICUP V22	N 26 24.82	unk	290T	12000M	005	001	00+06+28	31.3
*M	HICUP	W081 46.64	4.8W			005	001	06:11:50	1626.9
30	RSW V225	N 26 31.79	25FT	290T	12000M	005	001	00+01+26	7,0
*M	LEE CO	W081 46.55	4.8W		100	005	001	06:13:16	1633.9
31	PINTS V57	N 26 48.17	unk	290T	12000M	315	310	00+05+14	25.3
*M	PINTS	W082 08.15	4.6W			315	310	06:18:30	1659.2
32	VIOLA V57	N 26 57 06	unk	290T	12000M	315	310	00+02+51	13.8
*M	VIOLA	W082 19.94	4.5W			315	310	06:21:21	1673.0
33	SRQ V579	N 27 23.42	20FT	290T	12000M	339	335	00+06+01	29.1
*M	SARASOT	W082 33.82	4.4W			339	335	06:27:22	1702.0
34	MCF/T	N 27 51.67	14FT	290T	12000M	010	005	00+05+51	28.3
*M KMC	FMACDILL	W082 30.81	4.5W			010	005	06:33:13	1730.3



08/30/08 02:57:15