

U.S. Dep't. of Commerce / NMAO / NOAA / Aircraft Operations Center

FLT ID: 050920N	From: KMCF	To: KMCF
Flt No: 05 - 142	In: 1357 Z	On: 1350 Z
ETD: 0600 Z	Out: 0550	Off: 0601
ETE: 8 + 10	Blk Time: 8 + 07 (8.1) Hrs	Flt Time: 7 + 49 (7.8) Hrs
Sponsoring Org: NHC	Program: Surveillance	Purpose: TS Rita

AOC Flight Crew

Aircraft Commander: Finke	Data System: Hail
Co-Pilot: Poston / Odell	AVAPS: Robs
Navigator: /	System Engineer: Bwt
Flight Eng: /	AA:
Flight Director: Parrish /	AA:
Avionics:	Crew Chief:

Participating Scientists / Visitors

Name (Last, First)	Activity on Aircraft	Affiliation
Goldenberg, S.	HAPS	HRD
Hamilton	Guest	EASL

Remarks (Storm Name, Mission ID, Recco Times, Fix Times)

Storm Name: Rita

Mission ID: 0918A

51/15 m/s
45/12

Recco Times

27 dropped 25 good

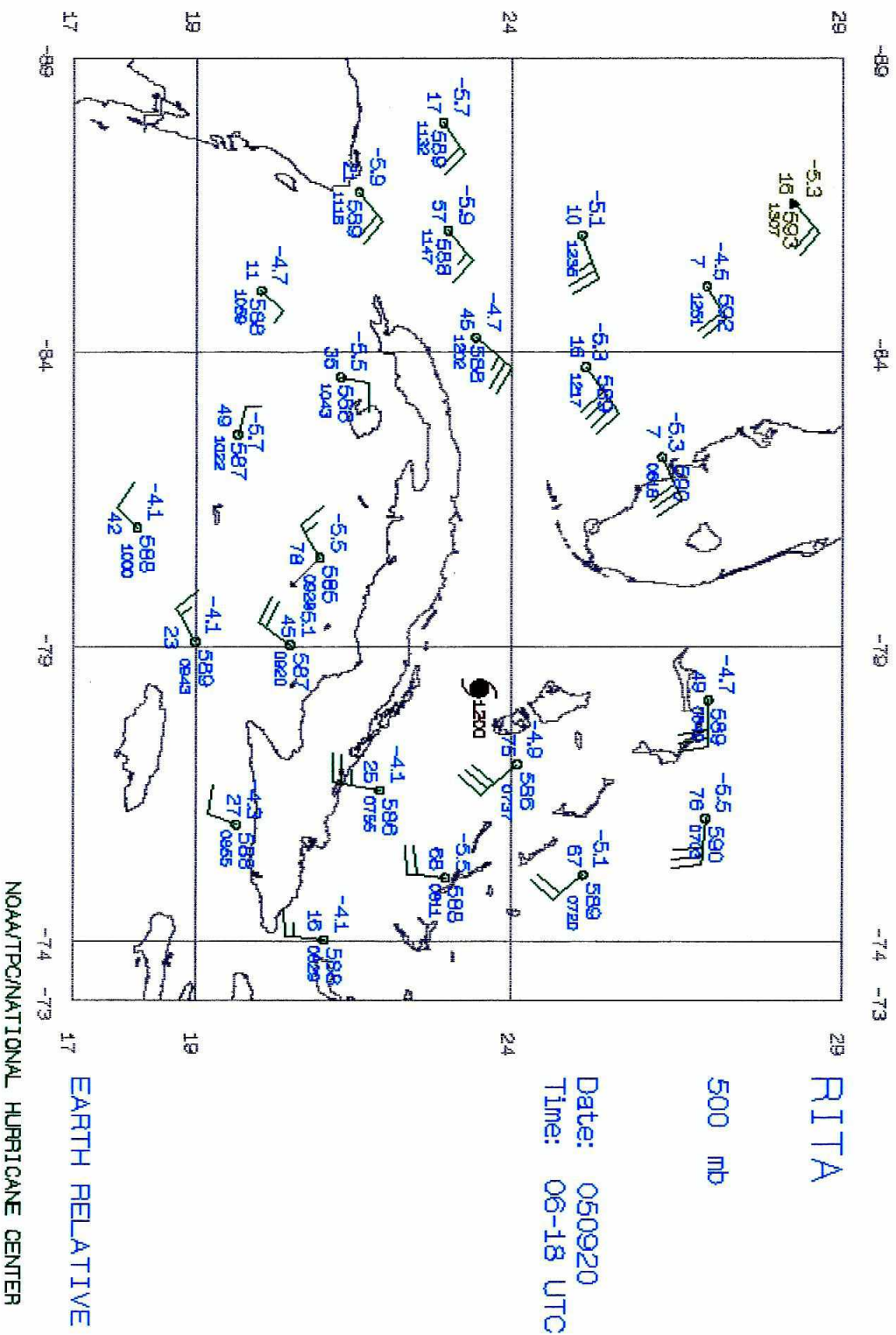
Fix #

Fix Time

U.S. DEP'T OF COMMERCE / NMAO / NOAA / AIRCRAFT OPERATIONS CENTER

FLT ID:		TIME OFF: Z		TIME ON: Z	
	A/C - Takeoff	WX Station - Takeoff	A/C - Land	WX Station - Land	
Pressure				29.99	
ATIS - Takeoff					
ATIS - Land	TMR 030/13 6 21				
Data Source	Number	Data Disposition / Date / Quality			
Flight Level Tapes					
Radar Tapes					
Cloud Physics Tapes / Cds					
Video Tapes					
Dropsondes		Good:	Bad:	Total:	
AXBT					
AXCP					
AXCTD					
SONOBUOY					

REMARKS:



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HURRICANE SYNOPTIC SURVEILLANCE MISSION PLAN: RITA

NOAA/AOML/Hurricane Research Division: September 18, 2005 9:50:26 PM
 Aircraft: N49RF Proposed takeoff: 20/0600Z

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DROP LOCATIONS

#	LAT (d m)	LON (d m)	TIME (h:mm)
1	26 16	-82 09	0:13
2	27 00	-78 00	0:46
3	27 00	-76 00	1:01
4	25 00	-75 00	1:19
5	23 30	-78 06 24 77	1:47
6	21 44	-76 37	2:05
7	23 00	-75 00	2:21
8	21 00	-74 00	2:40
9	19 36	-75 59	3:03
10	20 30	-79 03	3:34
11	20 39	-80 10	3:44
12	19 00	-79 00	4:01
13	18 00	-81 00	4:19
14	19 00	-83 00	4:37
15	20 39	-82 02	4:52
16	21 23	-83 35	5:06
17	20 00	-85 00	5:22
18	21 00	-86 37	5:37
19	23 00	-88 00	5:58
20	23 00	-86 00	6:13
21	23 30	-84 06	6:29
22	25 16	-83 32	6:44
23	25 00	-86 00	7:03
24	27 00	-85 00	7:21
25	29 00	-86 00	7:39

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HURRICANE SYNOPTIC SURVEILLANCE MISSION PLAN: RITA

NOAA/AOML/Hurricane Research Division: September 18, 2005 9:50:26 PM
 Aircraft: N49RF Proposed takeoff: 20/0600Z

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TURN LOCATIONS

#	LAT (d m)	LON (d m)	LEG (nm)	TOTAL (nm)	TIME (h:mm)
0	27 51	-82 31	0.	0.	0:00
1	26 16	-82 09	97.	97.	0:13
2	27 00	-78 00	239.	336.	0:46
3	27 00	-76 00	113.	449.	1:01
4	25 00	-75 00	132.	582.	1:19
5	23 30	-78 06	199.	781.	1:47
6	21 44	-76 37	136.	917.	2:05
7	23 00	-75 00	119.	1037.	2:21
8	21 00	-74 00	133.	1170.	2:40
9	19 40	-73 48	42.	1213.	2:45
10	19 48	-75 00	70.	1283.	2:55
11	19 36	-75 59	58.	1341.	3:03
12	19 36	-77 48	105.	1447.	3:17
13	20 30	-79 03	121.	1568.	3:34
14	20 39	-80 10	77.	1645.	3:44
15	19 00	-79 00	120.	1765.	4:01
16	18 00	-81 00	131.	1897.	4:19
17	19 00	-83 00	131.	2028.	4:37
18	20 39	-82 02	113.	2142.	4:52
19	21 23	-83 35	100.	2242.	5:06
20	20 00	-85 00	116.	2359.	5:22
21	21 00	-86 37	111.	2471.	5:37
22	21 42	-86 42	42.	2513.	5:43
23	23 00	-88 00	108.	2621.	5:58
24	23 00	-86 00	115.	2736.	6:13
25	23 30	-84 06	113.	2850.	6:29
26	25 16	-83 32	110.	2960.	6:44
27	25 00	-86 00	142.	3102.	7:03
28	27 00	-85 00	132.	3235.	7:21
29	29 00	-86 00	132.	3368.	7:39
30	27 51	-82 31	207.	3575.	8:08

N49RF AVAPS DropSonde Log

N49RF Project: SURV

Flight ID 050920N RITA

Mission: Rita Flight #: _____ Launcher S/N: 2 Status: Sys 1 ☒ Sys 2 ☒

Drop #	Sonde Serial Number	Chn. #	Time (Zulu)	Press. offset	Winds time	Operator Initials	Comments / Drop Status/ Failure Reason	GOOD ☒
1	000715168	1	0618Z	-.5	1:03	JMB	* HAPS ingested Sonde prep data	✓
2	000715173	1	0649Z	0	:55			✓
3	000715300	2	0703Z	.3	:46			✓
4	011 838 040	1	0720Z	0	1:18			✓
5	011 378 158	2	0737Z	0	:50			✓
6	011 378 170	1	0755Z	0	:26			✓
7	011 378 169	2	0811Z	0	:19			✓
8	011 345 123	1	0829Z	-.5	:30			✓
9	011 345 124	1	0855Z	-.7	:30			✓
10	011 345 104	2	0920Z	-.3	:58			✓
11	000715292	1	0928Z	.3	:14			✓
12	011 378 172	3	0943Z	0	:16			✓
13	011 378 205	1	1000	0	:36	JWlt	* HAPS ingested Sonde prep data	✓
14	011 838 037	2	1016	0	1:07		Winds dropped out	
15	011 378 162	3	1023	0	:15			✓
16	000715083	1	1031	1.0	:17			✓
17	011 838 043	4	1043	-.5	:35			✓
18	011 345 125	1	1059	-.5	:59			✓
19	011 378 168	2	1112	0	:37		lost Glinds	
20	053 316 127	3	1118	.3	:49			✓
21	044 135 260	1	1132	0	:25			✓
22	053 316 118	4	1147	0.4	:32			✓
23	053 316 119	2	1202	0.5	:17			✓
24	053 316 128	3	1217	0	:19			✓
25	044 135 316	1	1235	0	:27			✓
26	051 926 041	2	1251	0	:25			✓
27	051 926 178	3	1307	.3	:20	JWlt		✓
28								
29								
30								
31								
32								
33								