

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

FLT ID: 050922N1	From: KMCF	To: KMCF
Flt No: 05 - 144	In: 1434 Z	On: 1425 Z
ETD: 062 Z	Out: 0547	Off: 0600
ETE: 8 +	Blk Time: 8 + 47 (8.8) Hrs	Flt Time: 8 + 25 (8.4) Hrs
Sponsoring Org: NHC	Program: Surveillance	Purpose: H. Rita

AOC Flight Crew

Aircraft Commander: Finke	Data System: Hill
Co-Pilot: Roston ' Odell	AVAPS: Carpenter
Navigator: /	System Engineer: Fox
Flight Eng: /	AA:
Flight Director: Parrish	AA:
Avionics:	Crew Chief:

Participating Scientists / Visitors

Name (Last, First)	Activity on Aircraft	Affiliation
Coldenberg, Stan	AVAPS	HRD

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

Storm Name: **RITA**
 Mission ID: **1718A RITA**

Recco Times

Fix #

Fix Time

28 Drops, 26 4000
1 extra dropped east side of eye

U.S. DEPT OF COMMERCE / NMAO / NOAA / AIRCRAFT OPERATIONS CENTER

FLT ID: 050922N1

TIME OFF: 0600 Z

TIME ON: Z

A/C - Takeoff

WX Station - Takeoff

A/C - Land

WX Station - Land

Pressure

1012.3

29.92

ATIS - Takeoff

I 0455Z 070/8 7K 26/25 29.92 +13

ATIS - Land

070/10

Data Source

Number

Data Disposition / Date / Quality

Flight Level Tapes

Radar Tapes

Cloud Physics Tapes /
Cds

Video Tapes

Dropsondes

Good: 26 Bad: 2

Total: 28

1 extra drop
east of 5

AXB T

AXCP

AXCTD

SONOBUOY

REMARKS:

Flight Data Log

Flight ID: 050922N1 H. Aita Surveillance

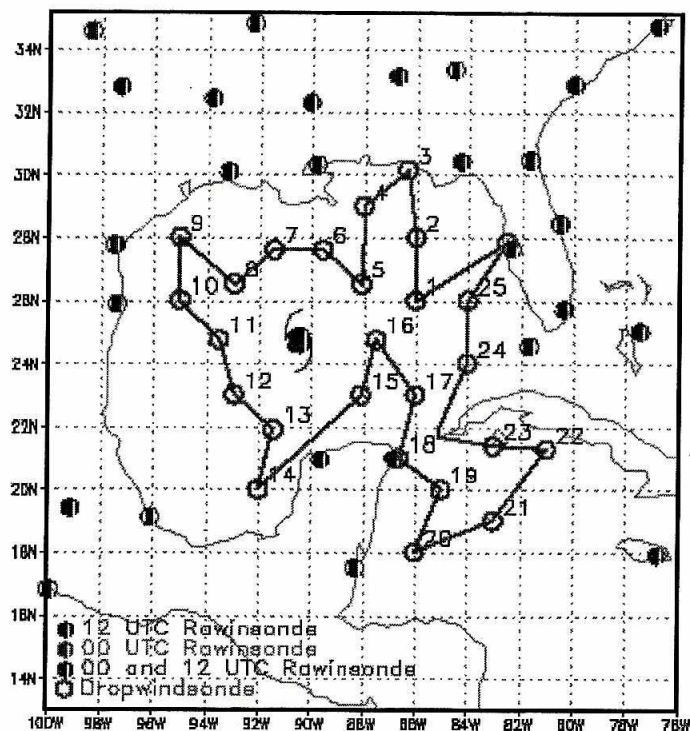
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Form 413-50

Time	Lat	Long	Trk	Hdg	Wind Dir	Wind Spd	T _a	T _c	Press. Alt	Geo. Alt	Sfc Press.	Press. Sfc	Dyn. Press	Remarks
0547	Out													
0600	Off													
063338	26 07	85 57	~	~	138	5.8	-53	-52	13001	12962		183.7		Drop 1 (Lake wind)
063515	26 18	86 00	0.2	0.4	134	5.3	-55	-55	13235	13155		177		Backlog Drop 1
064811	28 00	86 00	353	356	200	18	-57	-61	13236	13198		177		Drop 2
071930	28 59	87 58	~	~	188	19.2	-57	-60	13228	13190		177.6		Drop 4
070414	30 02	88 25	~	~	248	22.5	-57	-62	13223	13186		177.2		Drop 3
074012	26 39	88 10	~	~	182.4	15.1	-58	-63	13523	13481		169.5		Drop 6
080552	27 34	91 27	243	248	175	13.8	-58	-64	13520	13480		169.4		Drop 7
082000	26 35	92 36	266	271	177	16.3	-58	-65	13511	13470		169.5		Drop 8
083734	27 51	94 59	223	230	183	15.9	-59	-69	13498	13456		169.6		Drop 9
085331	26 01	94 55	157	158	157	14	-60.6	-70	13784	13740		161.6		Drop 10
090931	24 44	93 30	151	150	164	22	-60	-70	13806	13761		161.5		Drop 11
092550	22 59	92 55	143	143	162	17	-61	-71	13813	13766		161.4		Drop 12
094038	21 54	91 30	157	158	150	9.8	-60.9	-67.3	13822	13774		161.3		Drop 13
095704	20 10	91 46	50	49	128	15	-61.7	-69.8	13803	13754		161.4		Drop 14
103442	23 00	88 05	325	33	39	2.4	-62	-71	14120	14072		153.6		Drop 15
104646	24 23	87 34	49	51	245	22	-66	-57.7	14090	14043		153.4		Drop 15.52 mi SE of Cape
105226	24 33	86 47	119	115	215	17.3	-62	-59	14104	14058		153.5		Drop 16
110641	23 00	86 01	178	171	192	17	-69	-69	14407	14357		146.3		Drop 17
112303	21 04	86 34	166	170	141	21	-69	-71	14405	14363		146.4		Drop 18
113842	20 00	85 05	154	158	125	22.9	-70	-71	14406	14354		146.4		Drop 19
115521	18 07	85 52			87	24								Drop 20 130 T, H
115653	18 06	85 43	70.3	69.8	84	26	-66	-72	14394	14341		146.2		Drop 20 backlog
122201	19 01	83 00	56	55	78	24	-66	-72	14404	14347		146.6		Drop 21
124713	21 14	81 09	331	331	56	11	-66	-72	14412	14361		147		Drop 22
130115	21 12	83 00	273	273	72	9.9	-66	-73	14431	14379		146.5		Drop 23
134048	24 00	84 00	10.3	14.7	356	9	-65	-71	14338	14389		146.4		Drop 24
135748	26 00	83 59	12.8	19.1	281	60.2	-66	-73	14428	14382		146.4		Drop 25

Thru off
Fri noon



GRADE COLLABS

2005-08-20-22:21

229-4418
1505

240 24'N
870 38'W
240 37'N
860 45'W

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HURRICANE SYNOPTIC SURVEILLANCE MISSION PLAN: RITA

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NOAA/AOML/Hurricane Research Division: September 20, 2005 10:21:46 PM
Aircraft: N49RF Proposed takeoff: 22/0600Z

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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 00	-86 00	226.	226.	0:31
2	28 00	-86 00	120.	346.	0:47
3	30 09	-86 20	130.	476.	1:05
4	29 00	-88 00	116.	593.	1:21
5	26 31	-88 04	149.	742.	1:41
6	27 36	-89 34	107.	849.	1:56
7	27 36	-91 26	104.	954.	2:10
8	26 31	-92 56	107.	1061.	2:25
9	28 00	-95 00	147.	1208.	2:45
10	26 00	-95 00	120.	1328.	3:01
11	24 45	-93 30	113.	1442.	3:17
12	22 59	-92 56	110.	1553.	3:32
13	21 54	-91 26	108.	1661.	3:47
14	20 00	-92 00	118.	1780.	4:03
15	22 59	-88 04	289.	2069.	4:42
16	24 45	-87 30	110.	2180.	4:57
17	23 00	-86 00	135.	2316.	5:16
18	21 00	-86 37	125.	2441.	5:33
19	20 00	-85 00	111.	2553.	5:48
20	18 00	-86 00	133.	2686.	6:06
21	19 00	-83 00	185.	2871.	6:32
22	21 18	-81 00	180.	3052.	6:56
23	21 12	-83 00	115.	3168.	7:12
24	21 30	-85 12	122.	3290.	7:29
25	21 54	-85 12	11.	3302.	7:30
26	24 00	-84 00	141.	3443.	7:50
27	26 00	-84 00	120.	3563.	8:06
28	27 51	-82 31	139.	3703.	8:25

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HURRICANE SYNOPTIC SURVEILLANCE MISSION PLAN: RITA

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NOAA/AOML/Hurricane Research Division: September 20, 2005 10:21:46 PM
Aircraft: N49RF Proposed takeoff: 22/0600Z

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DROP LOCATIONS

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#	LAT (d m)	LON (d m)	TIME (h:mm)
1	26 00	-86 00	0:31
2	28 00	-86 00	0:47
3	30 09	-86 20	1:05
4	29 00	-88 00	1:21
5	26 31	-88 04	1:41
6	27 36	-89 34	1:56
7	27 36	-91 26	2:10
8	26 31	-92 56	2:25
9	28 00	-95 00	2:45
10	26 00	-95 00	3:01
11	24 45	-93 30	3:17
12	22 59	-92 56	3:32
13	21 54	-91 26	3:47
14	20 00	-92 00	4:03
15	22 59	-88 04	4:42
16	24 45	-87 30	4:57
17	23 00	-86 00	5:16
18	21 00	-86 37	5:33
19	20 00	-85 00	5:48
20	18 00	-86 00	6:06
21	19 00	-83 00	6:32
22	21 18	-81 00	6:56
23	21 12	-83 00	7:12
24	24 00	-84 00	7:50
25	26 00	-84 00	8:06

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