

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

FLT ID: 050923 N2	From: KMCF	To: KMCF
Flt No: 05-	In: 0208 Z	On: 0159 Z
ETD: 18 Z	Out: 1736 Z	Off: 1747 Z
ETE: 8 + 30	Blk Time: 8 + 32 (8.5 Hrs)	Flt Time: 8 + 12 (8.2 Hrs)
Sponsoring Org: NOAA/NHC	Program: Hurricane 2005	Purpose:

AOC Flight Crew

Aircraft Commander: FINN	Data System: BROGAN
Co-Pilot: HAGAN	AVAPS:
Navigator: /	System Engineer: SMITH
Flight Eng: /	AA:
Flight Director: FLAHERTY	AA:
Avionics: ROGERS	Crew Chief:

Participating Scientists / Visitors

Name (Last, First)	Activity on Aircraft	Affiliation
DORST, N	HAPS	HRD
CLOTHIER, MARK	PRESS	BLOOMBERG NEWS
SHEINWALD, RICHARD	"	"
BAZELL, ROBERT	"	NBC NIGHTLY NEWS
DURRUTY, AL	"	"

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

Recco Times

Fix #

Fix Time

Storm Name: Hurricane RITA

Mission ID: NOAA 2418A RITA

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

FLT ID: 050923 N 2 TIME OFF: 1747 Z TIME ON: Z

A/C - Takeoff

WX Station - Takeoff

A/C - Land

WX Station - Land

Pressure

1013.8

ATIS - Takeoff

ATIS - Land

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:

1755Z 12007KT 75m 29/25 A2994

LAND 1055Z 11006KT 75m 28/24 A2997

Subject: Re: NOAA Media MacDill AFB Entry Request & Approval for Thurs, 22 Sep 05

From: Lori Bast <Lori.Bast@noaa.gov>

Date: Fri, 23 Sep 2005 11:06:33 -0400

To: 6 AMW Protocol Staff <6amwccp@macdill.af.mil>, "diane.green" <diane.green@macdill.af.mil>, "erin.dorrance" <erin.dorrance@macdill.af.mil>, Jeanne G Kouhestani <Jeanne.G.Kouhestani@noaa.gov>, "andrew.bullock" <andrew.bullock@macdill.af.mil>, "anthony.dean" <anthony.dean@macdill.af.mil>, "carlos.marrero" <carlos.marrero@macdill.af.mil>, "donny.cooper" <donny.cooper@macdill.af.mil>, "efrain.roman" <efrain.roman@macdill.af.mil>, "laurence.vanderoord" <laurence.vanderoord@macdill.af.mil>, "nicole.graham" <nicole.graham@macdill.af.mil>, "randall.jackson" <randall.jackson@macdill.af.mil>, Randy Redman <randy.redman@macdill.af.mil>, Ryan Kukua <ryan.kukua@macdill.af.mil>, "david.wood-05" <david.wood-05@macdill.af.mil>, "Orlando.Chapa" <Orlando.Chapa@macdill.af.mil>, "John.ward" <John.ward@macdill.af.mil>, Steve Kozak <Steve.Kozak@noaa.gov>, Paul Flaherty <Paul.Flaherty@noaa.gov>, Jack R Parrish <Jack.R.Parrish@noaa.gov>

Please see the addition in **Green**.

Good Morning,

Request the following individual(s) be granted entry to MacDill AFB to fly with NOAA's Aircraft Operations Center located at Hangar 5 on 22 and 23 Sep 05:

**Christian T. Boex, Interactive Media Director, WFTS-TV 28 Tampa, FL
DL#B200118782610, exp. 7/21/08**

Arriving the Port Tampa Gate on Thurs., 22 Sep 05 @ 1145 to fly aboard N49RF (GIV Jet) departing MacDill @ 1400 for an 8-9 hour mission

**Kelly Golden, Reporter, WDBO AM 580 Orlando, FL DL#G435501767620, exp. 7/22/11
Arriving the Port Tampa Gate on Thurs., 22 Sep 05 on/about 1300 to fly aboard N49RF (GIV Jet) departing MacDill @ 1400 for an 8-9 hour mission**

The following Flight ~~may be cancelled~~ Is a GO!

Mark Clothier, Reporter, Bloomberg News, GA DL#049907830, exp. 6/15/06

Arriving the Port Tampa Gate on Fri., 23 Sep 05 @ 1145 to fly aboard N49RF (GIV Jet) departing MacDill @ 1400 for an 8-9 hour mission

Richard Sheinwald, Photographer, Bloomberg News, FL DL#S543741403630, exp 10/3/11

Arriving the Port Tampa Gate on Fri., 23 Sep 05 @ 1145 to fly aboard N49RF (GIV Jet) departing MacDill @ 1400 for an 8-9 hour mission

**Robert Bazell, Chief Science Correspondent, NBC Nightly News, NY DL#376345065, exp. 8/21/09
Arriving the Port Tampa Gate on Fri., 23 Sep 05 @ 1145 to fly aboard**

AL DORRANCE



NOAA G-IV
Hurricane 2005
NHC – Hurricane Rita
KMCF - KMCF



Flight ID: 050923n2

Sensor or system

Inertial (for wind derivation)

Temperature /Dew Point

Static and Dynamic Pressure

Directory / Constants File

Number or Name

VEW_PITR/VNS_PITR

AT1/DPRC

PS2C/QC2C

506/49cal032

Notes:

There were no time/data glitches during this flight.

All instruments worked properly.

27 dropsondes were deployed. 26 Observations were transmitted.

	Takeoff	Landing
Aircraft Static Pressure	1013.8 mb	n/a mb

STATION INFORMATION

1755Z 12007KT 7SM 29/25 A2994

0055Z 11006KT 7SM 28/24 A2997

Flight Director:	Paul Flaherty
Phone #:	(813) 828-3310 ext. 3094

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HURRICANE SYNOPTIC SURVEILLANCE MISSION PLAN: RITA

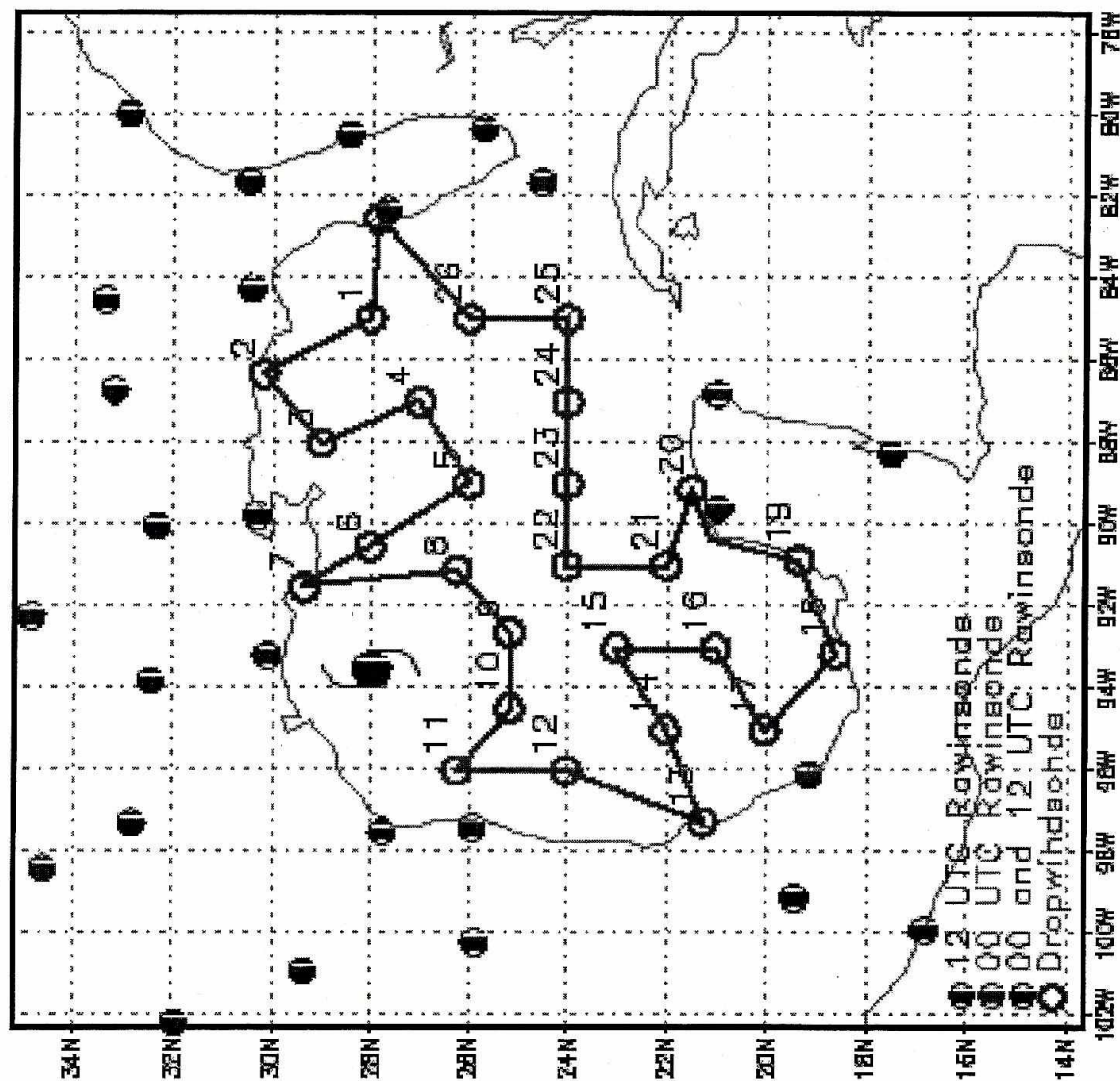
NOAA/AOML/Hurricane Research Division: September 22, 2005 10:52:49 AM
Aircraft: N49RF Proposed takeoff: 23/1800Z

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DROP LOCATIONS

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#	LAT (d m)	LON (d m)	TIME (h:mm)
1	28 00	-85 00	0:19
2	30 09	-86 20	0:39
3	29 00	-88 00	0:55
4	27 00	-87 00	1:13
5	26 00	-89 00	1:31
6	28 00	-90 33	1:51
7	29 20	-91 31	2:04
8	26 14	-91 07	2:30
9	25 09	-92 37	2:45
10	25 09	-94 29	2:59
11	26 14	-95 59	3:14
12	24 00	-96 00	3:32
13	21 14	-97 15	3:57
14	22 00	-95 00	4:16
15	23 00	-93 00	4:33
16	21 00	-93 00	4:50
17	20 00	-95 00	5:07
18	18 37	-93 08	5:26
19	19 20	-90 51	5:45
20	21 30	-89 08	6:11
21	22 00	-91 00	6:26
22	24 00	-91 00	6:42
23	24 00	-89 00	6:58
24	24 00	-87 00	7:13
25	24 00	-85 00	7:29
26	26 00	-85 00	7:45



N49RF AVAPS DropSonde Log

N49RF Project: Hurr '05

Flight ID 050923N2

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	044 135 151	1	1812	Ø	Ø	JAS	Rev F	✓
2	053 166 153	2	1831	Ø	Ø		15 Rev F	✓
3	053 416 290	1	1846	Ø	Ø		17	✓
4	012 225 032	2	1903	-1.6	38			✓
5	012 525 063	1	1919	Ø	46		18	✓
6	012 615 118	2	1938	Ø	25			✓
7	053 316 136	1	1950	Ø	Ø			✓
8	011 378 023	1	2016	Ø	38			✓
9	012 548 030	2	2030	Ø	53			✓
10	053 116 272	1	2044	Ø	Ø			✓
11	053 116 042	2	2057	0.5	Ø			✓
12	053 416 244	1	2115	0.5	25		Rev F	✓
13	053 166 094	1	2140	Ø	Ø			✓
14	053 416 109	2	2159	Ø	Ø			✓
15	012 548 043	1	2216	Ø	30		WINDS FAILED @ 775 mb	✓
16	012 548 039	2	2233	Ø	37			✓
17	012 225 023	1	2249	Ø	39			✓
18	012 548 040	2	2309	-1.4	30			✓
19	012 548 042	1	2329	Ø	33		Some WINDS DROP OUTS	✓
20	012 548 034	1	2354	Ø	22			✓
21	012 548 037	2	00 06	.5	14		WINDS 1st 450-850 mb	✓
22	011 345 031	1	0022	Ø	27			✓
23	012 615 094	2	0037	Ø	17			✓
24	012 548 031	1	0053	Ø	17			✓
25	012 258 004	2	0110	Ø	✓			✓
26	012 258 014	1	0126	Ø	27			✓
27								
28								
29								
30								
31								
32								
33								

Charge all GOOD TO NHC BAD TO AOC