

U.S. Dept. of Commerce / NOAA / Aircraft Operations Center

ACOWA

Flt ID: 031213N	From: CXT	To: KMCF
Flt No: 04-023	Blk In: 2206z	ATA: 2158
ETD: 14z	Blk Out: 1354z	ATD: 1358z
ETE: 7+30	Blk Time: 8+02 (8.2)	Flt Time: 8+00 (8.0)
Sponsor Org: OAR	Program: ATREC	Purpose: FLT 08 / FERN /

AOC Personnel

AC: McCann, B	Sys Eng: Hornbaker, C
CP: Finn, M / Yates, G	Data Sys: Hall, J
Nav:	Radar: Hornbaker , Brown, D
FE: Rottevel, K	GPS/BT:
FD: Flaherty, P	Cld Phys:
Avionics:	P.M. Maxson, B

Participating Scientists / Visitors / AOC

Name (Last, First)	Activity on Aircraft	Affiliation
SHAPIRO, M	PI PI	OAR

Proposed/Actual Mission Remarks (Recco, Fixes, Storm, PENET, NHOP #)

DATA CRASH AT TAKE OFF

CABIN PRESSURE DROPPED ~1927

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AOCWF2

ID: 031213N	Time Off: 1358Z	Time On:
Pressure	A/C (Take Off) 991.3	Wx Station (Take Off) 29.72
	A/C (Land)	Wx Station (Land) 29.99

	Number	Data Disposition / Date / Quality
Alt Lvl Tapes		
Radar Tapes		
Cloud Physics Tapes		
Video Tapes		
XBT		
XCP		
XCTD		
Probes		

Video					
	Forward	Left Side	Right Side	Down	Remarks
Time On					
Time Off					
Rate					

Remarks

G-IV Error Summary

Flight # 031213n

(TReC Flight #8 - CYYT-KMCF)

Block out:	1354z	
Take-off:	1358z	Block Time: 8.2
Landing:	2158z	Flight Time: 8.0
Block in:	2206z	

Total number of drops: 22
Total number of observations: 21

Flight Summary:

TReC Flight #8 was a mission en route to KMCF. The atmosphere along the East Coast as well as the Gulf of Mexico was studied for a storm developing in the Gulf.

There was a data crash at take-off. Data began recording at 1413z.

Cabin pressure dropped slightly at 1927.

	Corrected Aircraft Altimeter	Station Altimeter
Take-off	1007.2	1009.4
Landing	n/a	1015.6

Paul T. Flaherty
Flight Director
(813) 828-3310 x3094

N49RF AOC Flight Director's GPS Dropwindsonde Log

FLIGHT ID 031213N FLIGHT DIRECTOR FLAHERTY Page 1 of

MISSION ID AMEC STORM/Track ID FT 03 Total # of dropsondes _____

[illegible]

N49RF AVAPS DropSonde Log

N49RF Project: TOST

Flight ID 031213N

Mission: ST. JOHNS-TPA Flight #: RF08

Launcher S/N: 02

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	024415151	1	1459	0	17	OK		☒
2	024415429	1	1523	0	31	OK		☒
3	025045234	1	1549	0	30	OK		☒
4	025045104	1	1612	0	35	OK		☒
5	025045081	1	1637	0.5	25	OK		☒
6	025045239	1	1703	0	21	OK		☒
7	025045075	1	1731	0	31	OK		☒
8	025018090	1	1800	0	21	OK		☒
9	025018082	1	1829	0	20	OK		☒
10	025045077	1	1857	0	23	OK		☒
11	025045083	1	1932	0.6	83	OK	LATE WINDS LOST	☒
12	025045082	2	1945	0	28	OK		☒
13	025018084	1	2000	0	10	OK		☒
14	025045232	2	2015	-0.8	—	OK	no winds	☒
15	024415327	3	2017	0	39	OK	B/L T014	☒
16	025045105	1	2030	0	43	OK		☒
17	024415396	2	2043	0	17	OK		☒
18	024415107	1	2059	0	92	OK		☒
19	024415102	2	2109	0	23	OK		☒
20	025045080	3	2115	0	19	OK		☒
21	025045074	4	2122	0	26	OK		☒
22	024415166	1	2129	0	45	OK		☒
23								
24								
25								
26								
27								
28								
29								
30								
31								
32								
33								

Drops

- 1) 42 38 / 55 45
- 2) ~~41~~ / 58 25
- 3) 39 ~~26~~ / 61 10
- 4) 37 45 / 63 42
- 5) 36 ~~12~~ / 66 18
- 6) 34 35 / 68 51
- 7) 33 25 / 71 40
- 8) 32 20 / 74 29
- 9) ~~31~~ 30 49 / ~~77~~ 10
- 10) ~~29~~ 18 / 79 35
- 11) 28 55 / 83

- 12) 28 50 / 84 25
- 13) 28 48 / 85 48
- 14) 28 40 / 87 15
- 15) 28 35 / 88 ~~40~~
- 16) 28 30 / 90
- 17) 27 / 90
- 18) ~~27 10 / 88 40~~ 27 12 / ~~88 30~~
- 19) ~~27 18 / 87 36~~ 27 22 / ~~86 59~~
- 20) ~~27 27 / 86 28~~ 27 32 / 85 30
- 21) ~~27 34 / 85 15~~
- 22) 27 41 / 84

new 18/19/20 in
22/23/24