

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

FLT ID: 050928 N	From: TBPB	To: TBPB
Flt No: 05-150	In: 2046 Z	On: 2043 Z
ETD: 15 Z	Out: 1438 Z ¹²⁶¹⁰⁸	Off: 1446 Z
ETE: 6 + 00	Blk Time: 8 + 08	Flt Time: 5 + 57 (6.0 Hrs)
Sponsoring Org: NOAA/HRD	Program: SALEX	Purpose: INVEST

AOC Flight Crew

Aircraft Commander: FINKE	Data System: BROGAN
Co-Pilot: FINN / HAGAN	AVAPS:
Navigator: /	System Engineer: HILL
Flight Eng: /	AA:
Flight Director: FLAHERTY	ACPM: PARRISH
Avionics: CARPENTER	Crew Chief: KITSON

Participating Scientists / Visitors

Name (Last, First)	Activity on Aircraft	Affiliation
DUNION, J	HAPS	HRD

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

Recco Times

Fix # Fix Time

Storm Name:

Mission ID: WXWXA TRAIN

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

FLT ID: 050928 N	TIME OFF: Z	TIME ON: Z		
	A/C - Takeoff	WX Station - Takeoff	A/C - Land	WX Station - Land
Pressure	1008.1			
ATIS - Takeoff				
ATIS - Land				
Data Source	Number	Data Disposition / Date / Quality		
Flight Level Tapes				
Radar Tapes				
Cloud Physics Tapes / Cds				
Video Tapes				
Dropsondes	28	Good: 23	Bad:	Total:
AXBT				
AXCP				
AXCTD				
SONOBUOY				

REMARKS:

T10 1300z 11012kt 10sm 31/24 Q1014

UND 2000z VRB 13kt 10km 31/24 Q1012



NOAA G-IV
Hurricane 2005
HRD - SALEX
TBPB - TBPB



Flight ID: 050928n

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 (not including the sondes).

28 dropsondes were deployed. 5 sondes were bad.

	Takeoff	Landing
Aircraft Static Pressure	1008.1 mb	n/a mb

STATION INFORMATION

1300Z 11012KT 10SM 31/24 Q1014

2000Z VRB13KT 10SM 31/24 Q1012

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

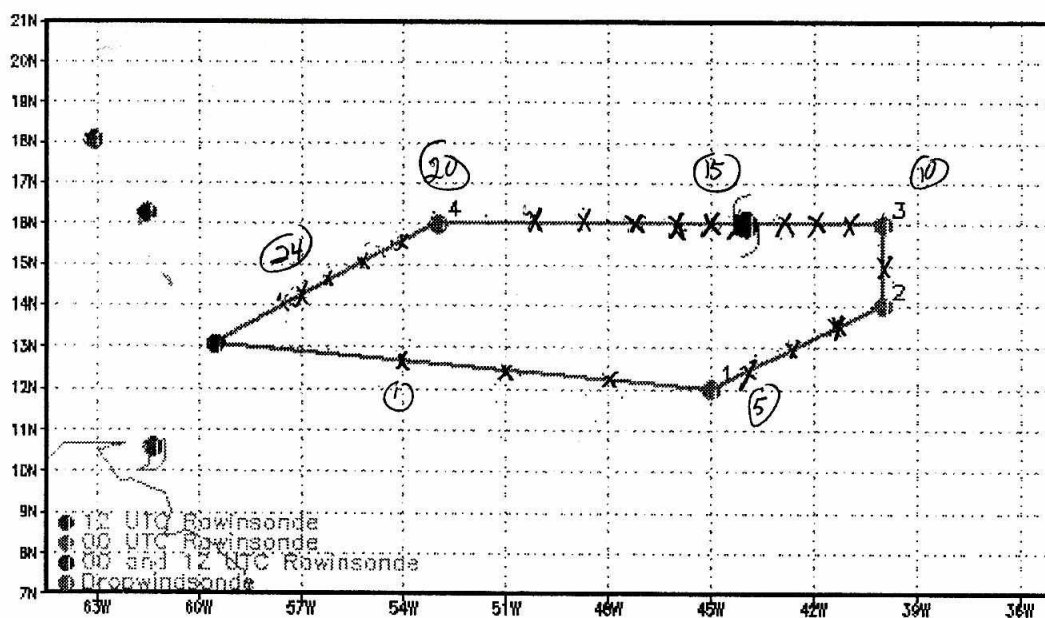
N49RF AVAPS DropSonde Log

N49RF Project: HURA 05 Flight ID 050928-2

Mission: SALEX 2 Flight #: 2 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	000745075	1	1531	0	43	<i>[Signature]</i>		✓
2	003135272	1	1555	0.6	27			✓
3	500745026	1	1620	0	9			✓
4	012225065	1	1646	0	19			✓
5	012225094	2	1655	0	-		NO WINDS	✓
6	012225206	3	1658	0	-		FAST FALL	✓
7	000715077	4	1659	0	23		R5 FROZE	✓
8	011378085	1	1706	-0.5	-		NO WINDS/R5-FROZE	✓
9	000745024	5	1709	0	23			✓
10	012615147	1	1722	0	20			✓
11	000745122	2	1731	0	19			✓
12	012225200	3	1740	0	26			✓
13	012025110	1	1748	0.5	25			✓
14	000715087	4	1755	0	13			✓
15	012225184	2	1803	0	35			✓
16	011378218	3	1811	0	22			✓
17	012225091	1	1818	0	58			✓
18	000745123	4	1826	0	26			✓
19	000745114	2	1834	0	32			✓
20	012225201	3	1842	0	18			✓
21	012025105	1	1858	0	38			✓
22	000745124	2	1906	0	17			✓
23	000745027	3	1930	0	27			✓
24	000715357	2	1939	0	14			✓
25	012225099	3	1951	0	42			✓
26	000715043	1	1959	0	19			✓
27	000745110	2	2007	0	-		NO WINDS	✓
28	000715050	3	2009	0	58			✓
29								
30								
31								
32								
33								

Charge all to HRS



GRADE COLLYERS

2005-09-28-08:48

(1)	12.7	54W
(2)	12.3	51.0
(3)	12.1	48.0
(4)	12.0	45.0
(5)	12.3	44.0
(6)	13.0	43.0
(7)	13.5	41.0
(8)	14.0	40.0
(9)	15.0	40.0
(10)	16.0	40.0
(11)	16.0	41.0
(12)	16.0	42.0
(13)	16.0	43.0
(14)	16.0	44.0
(15)	16.0	45.0
(16)	16.0	46.0
(17)	16.0	47.0
(18)	16.0	49.0
(19)	16.0	50.0
(20)	16.0	53.0
(21)	15.5	54.0
(22)	15.0	55.5
(23)	14.7	56.0
(24)	14.2	57.0

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HURRICANE SYNOPTIC SURVEILLANCE MISSION PLAN: SALEX

Prepared by the Hurricane Research Division File: current1.ftk

Aircraft: N49RF Altitude: FL410-450 Proposed takeoff: 28/1500Z

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TRACK DISTANCE TABLE

#	LAT (d m)	LON (d/m)	RAD/AZM (nm/dg)	LEG (nm)	TOTAL (nm)	TIME (h:mm)
0	BARBADOS			0.	0.	0:00
1	12 00	45 00		852.	852.	2:06
2	14 00	40 00		317.	1169.	2:49
3	16 00	40 00		120.	1289.	3:05
4	16 00	53 00		751.	2040.	4:47
5	BARBADOS			417.	2457.	5:54