

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

Flt ID: 040906 N	From: TISX	To: TISX
Flt. No: 04-100	Blk In: 0111 z	Time On: 0108 z
ETD: 1730 z	Blk Out: 1712 z	Time Off: 1719 z
ETE: 7 + 45	Blk Time: 7 + 59 <u>8.0</u> Hrs	Flt Time: 7 + 49 <u>7.9</u> Hrs
Sponsoring Org: NHC	Program: HURR SURV.	Purpose: HURR IVAN

AOC Flight Crew

Aircraft Commander: MAXSON, B	Data System: HALL, J
Co-Pilot: MCCANN, B ; FINN, M*	AVAPS: BROGAN, D
Navigator:	System Eng:
Flight Eng: ROTTSVEEL, K	A A:
Flight Director: FLAHERTY, P	A A:
Avionics: HOANBROOK, C	Crew Chief:

Participating Scientists / Visitors

Name (Last, First)	Activity on Aircraft	Affiliation
LANDSEA, C	HARS	HRD

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

Storm Name: HURR IVAN

Mission ID: 0209A

Penetration number and time

Recco Times Fix # Fix Time

11.6 55.3

007 (2314) 11 12 N

56 02 W

963 mb

106 kts

(See reverse for additional remarks)

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Flight ID: **Δ40906N** Time Off: **1719** Z Time On: **0108** Z

	A/C - Takeoff	Wx Station - Takeoff	A/C - Land	Wx Station - Land
Pressure	1010.2 mb	1013 mb	1010.8 mb	mb

ATIS	Time	Observation		
Takeoff	1653z	13012 KTS	105M	31/26 2992
Land	0053z	01011 KTS		2991

	Number	Data Disposition / Date / Quality
Flight Level Tapes		
Radar Tapes		
Cloud Physics Tapes / CDs		
Video Tapes		
Dropsondes		Good: Bad:
AXBT		
AXCP		
AXCTD		

Remarks:

11 22 ~ 54 52 ~
 969 94 KTS

 29.91



NOAA G-IV N49RF
2004 Hurricane Season
Hurricane Ivan



Flight ID: N040906

<u>Sensor or system</u>	<u>Number or Name</u>
INE (for wind derivation)	VEW,VNS
Accelerometer	ACINS
Temperature Probe	AT1
Dew Point Probe	DPR
Altitude (for vertical wind derivation)	PALT
Static/Dynamic Pressure	PS1/QC1
True Air Speed	TAS1
Constants File	49cal041
Project Directory	406

T/O Weather TISX 1653Z 13012KTS 10SM 31/26 A2992
Land Weather TISX 0053Z 01011KTS 10SM xx/xx A2991

Notes:

There were no time/data gaps and no data glitches noticed during this flight. Aircraft PS1C read 1010.2 mb at takeoff and 1010.8 at landing. No dynamic corrections were applied to the measured static and dynamic pressures. Thus wind direction and wind speed may not be representative of actual flight level conditions.

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

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 HURRICANE SYNOPTIC SURVEILLANCE MISSION PLAN: FRANCES

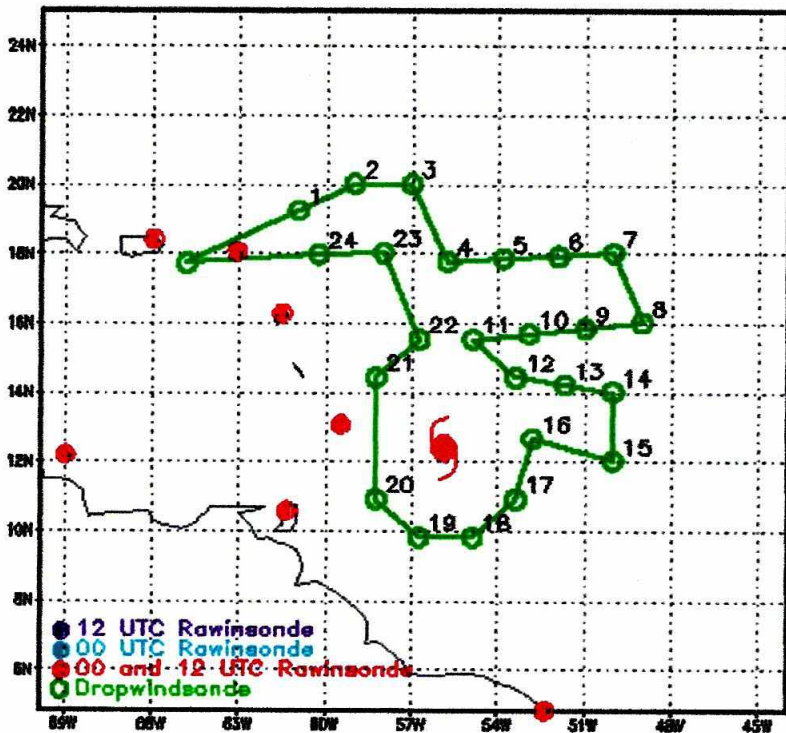
Prepared by the Hurricane Research Division File: current1.

Aircraft: N49RF Altitude: FL410-450 Proposed takeoff:
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DROP LOCATIONS

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#	LAT (d m)	LON (d m)	RAD/AZM (nm/dg)	TIME (h:mm)
1	19 14	60 58		0:42
2	20 00	59 00		0:59
3	20 00	57 00		1:14
4	17 45	55 45		1:35
5	17 50	53 50		1:50
6	17 55	51 55		2:04
7	18 00	50 00		2:19
8	16 00	49 00		2:37
9	15 50	50 57		2:53
10	15 40	52 55		3:08
11	15 30	54 52		3:24
12	14 25	53 22		3:39
13	14 12	51 41		3:52
14	14 00	50 00		4:05
15	12 00	50 00		4:22
16	12 39	52 48		4:45
17	10 53	53 22		5:00
18	9 48	54 52		5:15
19	9 48	56 44		5:30
20	10 53	58 14		5:45
21	14 25	58 14		6:13
22	15 30	56 44		6:28
23	18 00	58 00		6:51
24	17 57	60 16		7:08



Handwritten mark resembling a stylized 'e' or '9'.

0:40: COLA/RES

2004-08-05-11:28