

Flt ID: 030830N	From: KMCF	To: TISX
Flt No.: 03-078	Blk In: 2028	ATA: 2025
ETD: 1730Z	Blk Out: 1720	ATD: 1732
ETE: 3	Blk Time: 3:08 (3.1)	Flt Time: 2:53 (2.9)
Sponsor Org: NHC	Program: Surveillance	Purpose: H. Fabian Position

AOC Personnel

AC: McCann ✓	Sys Eng: Goldstein ✓
CP: Boston / Finn / Maxson ✓	Data Sys: Hornbrook ✓
Nav:	Radar:
FE: Kitson	GPS/BT: Brogan ✓
Avionics:	Cld Phys:
FD: Parrish ✓	

Participating Scientists/Visitors/AOC

Name (Last, First)	Activity on Aircraft	Affiliation
Murillo, Shirley ✓	NAPs	HRD

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

1655Z 1953Z
 120/9 130/11
 32/23 31/23
 30.16 29.99
 32/22
 107/5.5

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HURRICANE SYNOPTIC SURVEILLANCE MISSION PLAN: FABIAN/SYNOPTIC

NOAA/Hurricane Research Division Saturday, August 30, 2003 10:34:23 am

Aircraft: N49RF Proposed takeoff: 31/1730Z

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DROP LOCATIONS

Instrument Drop Points

#	LAT (d m)	LON (d m)	RAD/AZM (nm/dg)	TIME (h:mm)
1	19 00	60 00		0:39
2	18 51	58 11		0:54
3	20 56	57 21		1:12
4	23 07	58 54	22 02	1:34
5	25 18	60 27	58 08	1:55
6	27 30	62 00		2:17
7	27 45	60 00		2:32
8	28 00	58 00		2:48
9	25 58	57 01		3:06
10	23 56	56 03		3:24
11	21 54	55 05		3:43
12	20 56	52 50		4:02
13	18 54	52 00		4:20
14	16 51	52 50		4:38
15	15 53	55 05		4:58
16	16 51	57 21		5:17
17	17 00	60 00		5:39

$$\begin{array}{r} 47 \\ 2 \overline{) 93} \\ \underline{8} \\ 13 \end{array}$$

715X
17 41.992
64 47.913

W/ 60

$$\begin{array}{r} 59 \ 10 \\ 66 \\ 2 \overline{) 131} \\ \underline{12} \\ 11 \end{array}$$

(51) 18 42 1A
61 00

(52) 18 56 2A
59 10

(53) 22 02 4A
58 08

(54) 22 55 11A
55 35

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TRACK DISTANCES

Turn Points

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#	LAT (d m)	LON (d m)	RAD/AZM (nm/dg)	LEG (nm)	TOTAL (nm)	TIME (h:mm)
0	ST CROIX			0.	0.	0:00
1	19 00	60 00		291.	291.	0:39
2	18 51	58 11	180/269	106.	398.	0:54
3	20 56	57 22	180/315	134.	532.	1:12
4	27 30	62 00		475.	1006.	2:17
5	28 00	58 00		228.	1234.	2:48
6	21 54	55 06	180/ 0	402.	1636.	3:43
7	20 56	52 50	180/45	143.	1779.	4:02
8	18 54	52 01	180/90	131.	1911.	4:20
9	16 52	52 50	180/135	131.	2042.	4:38
10	15 54	55 06	180/180	145.	2187.	4:58
11	16 52	57 22	180/225	145.	2332.	5:17
12	17 00	60 00		155.	2487.	5:39
13	ST CROIX			284.	2771.	6:17