

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

Fit ID: 040924N	From: KMCF	To: KMCF
Fit. No: 04-117	Blk In: 0124 z	Time On: 0115 z
ETD: z	Blk Out: 1717 z	Time Off: 1727 z
ETE: 8 + 15	Blk Time: 8 + 07 (8.1) Hrs	Fit Time: 7 + 48 (7.8) Hrs
Sponsoring Org: NHC	Program: Hurricane Surveillance	Purpose: Jeanne

**AOC Flight Crew**

Aircraft Commander: McCann	Data System: Hill
Co-Pilot: Finn /	AVAPS: Brogan
Navigator: /	System Eng:
Flight Eng: /	A A:
Flight Director: Mayeaux /	A A:
Avionics: Carpenter	Crew Chief:

**Participating Scientists / Visitors**

Name (Last, First)	Activity on Aircraft	Affiliation
Dorst, N	Haps	HRO

<b>Remarks (Storm Name, Mission ID, Recco Times, Fix Times)</b>	<u>Recco Times</u>	<u>Fix #</u> <u>Fix Time</u>
Storm Name: <u>Jeanne</u>	26.3 72.9 2pm 270/12 100mph	182 26°23N 7305W 968 mb
Mission ID: <u>1811A Jeanne</u>		
<u>Penetration number and time</u>		
Total 10K ft 17522		
Nova 43 5k		
Nova 42 78k		

(See reverse for additional remarks)

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

Flight ID: **040924N**      Time Off: **1727**      Z      Time On: **0115**      Z

	A/C - Takeoff	Wx Station - Takeoff	A/C - Land	Wx Station - Land
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Pressure	1012.8 mb	2995 1014.2 mb	1012.4 mb	2998 1013.5 mb
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ATIS	Time	Observation
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Takeoff	1555 Z	D4009KT 7sm few 030 few 250 28/8 A2997
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Land	0053 Z	04008KT 360V060 10sm few 085 28/21 A2993
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	Number	Data Disposition / Date / Quality
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Flight Level Tapes		
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Radar Tapes		
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Cloud Physics Tapes / CDs		
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Video Tapes		
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Dropsondes	28	Good: 26 Bad: 2
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AXBT		
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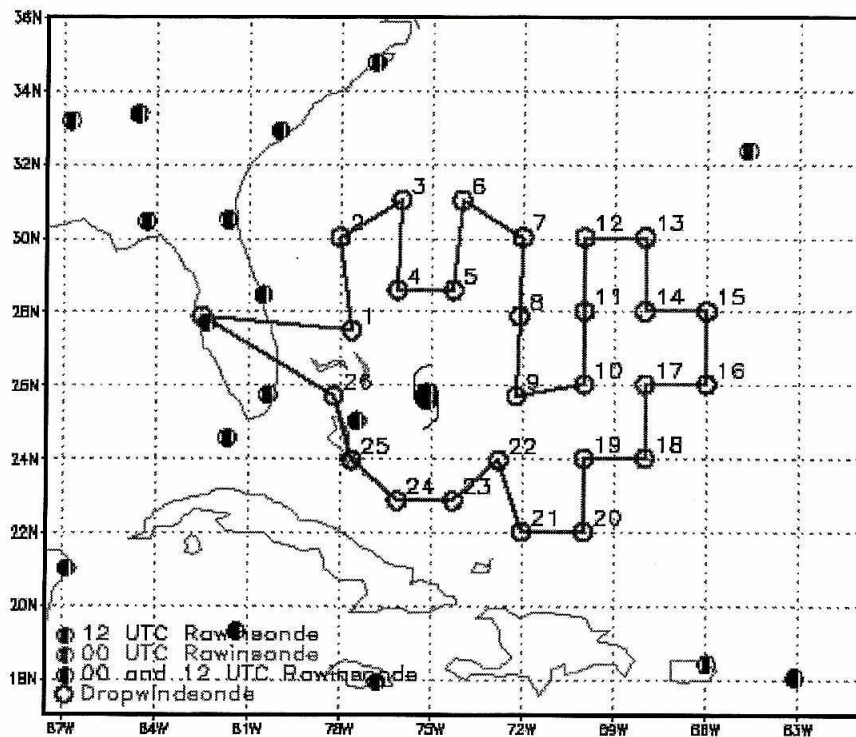
AXCP		
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AXCTD		
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**Remarks:**

TTI oscillating noticed 1900Z, worsening by 1944Z





GRADE: COLA/16ES

2004-08-23-10:53

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 HURRICANE SYNOPTIC SURVEILLANCE MISSION PLAN: JEANNE

Prepared by the Hurricane Research Division File: current1.ftk

Aircraft: N49RF Altitude: FL410-450 Proposed takeoff: 24/1730Z  
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## DROP LOCATIONS

#	LAT (d m)	LON (d m)	RAD/AZM (nm/dg)	TIME (h:mm)
<del>1</del>	27 28	77 38		0:46
<del>2</del>	30 00	78 00		1:06
<del>3</del>	31 00	76 00		1:23
<del>4</del>	28 33	76 08		1:43
<del>5</del>	28 33	74 16		1:56
<del>6</del>	31 00	74 00		2:16
<del>7</del>	30 00	72 00		2:32
<del>8</del>	27 51	72 06		2:50
<del>9</del>	25 42	72 12		3:07
<del>10</del>	26 00	70 00		3:24
<del>11</del>	28 00	70 00		3:40
<del>12</del>	30 00	70 00		3:56
<del>13</del>	30 00	68 00		4:10
<del>14</del>	28 00	68 00		4:27
<del>15</del>	28 00	66 00		4:41
<del>16</del>	26 00	66 00		4:58
<del>17</del>	26 00	68 00		5:12
<del>18</del>	24 00	68 00		5:28
<del>19</del>	24 00	70 00		5:43
<del>20</del>	22 00	70 00		6:00
<del>21</del>	22 00	72 00		6:15 <i>- close drop</i>
<del>22</del>	23 56	72 46		6:32
<del>23</del>	22 51	74 16		6:46 <i>→ Early Drop</i>
<del>24</del>	22 51	76 08		7:00
<del>25</del>	23 56	77 38		7:14 <i>→ Early Drop 1 minute</i>
<del>26</del>	25 42	78 12		7:29

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 HURRICANE SYNOPTIC SURVEILLANCE MISSION PLAN: JEANNE

Prepared by the Hurricane Research Division File: current1.ftk

Aircraft: N49RF Altitude: FL410-450 Proposed takeoff: 24/1730Z  
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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	MACDILL			0.	0.	0:00
1	27 28	77 38		262.	262.	0:46
2	30 00	78 00		154.	415.	1:06
3	31 00	76 00		120.	535.	1:23
4	28 33	76 08		147.	682.	1:43
5	28 33	74 16		98.	780.	1:56
6	31 00	74 00		148.	928.	2:16
7	30 00	72 00		120.	1048.	2:32
8	25 42	72 12		259.	1306.	3:07
9	26 00	70 00		120.	1427.	3:24
10	30 00	70 00		240.	1667.	3:56
11	30 00	68 00		104.	1771.	4:10
12	28 00	68 00		120.	1891.	4:27
13	28 00	66 00		106.	1998.	4:41
14	26 00	66 00		120.	2118.	4:58
15	26 00	68 00		108.	2226.	5:12
16	24 00	68 00		120.	2346.	5:28
17	24 00	70 00		110.	2456.	5:43
18	22 00	70 00		120.	2576.	6:00
19	22 00	72 00		111.	2688.	6:15
20	23 56	72 46		124.	2812.	6:32
21	22 51	74 16		106.	2917.	6:46
22	22 51	76 08		103.	3020.	7:00
23	23 56	77 38		106.	3125.	7:14
24	25 42	78 12		110.	3236.	7:29
25	MACDILL			265.	3501.	8:15