

**NOAA P-3 N42RF
Hurricane Fabian 2003**

Fabian Flight #1

Flight ID: 030902H

<u>Sensor or system</u>	<u>Number or Name</u>
INE	2
Accelerometer	2
Temperature Probe	2
Dew Point Probe	1
Altitude (for vertical wind)	RA - 159
Static Pressure	Rosemount Fuselage
Dynamic Pressure	Rosemount Fuselage
Time Source	Micro 99
Constants File	CO2032.CON

Take off: 1455Z

Land: 0007Z

Notes:

There was a data gap from 163541 - 163600.

RA-232 was substituted for RA-159 from 145201 - 150400 (takeoff) and from 235100 - 000900 (landing) due to spiking. TDM 2 data was substituted for TDM 1 from 224919 - 224950 and 231739 - 234441 due to spiking.

There was a few instances when the dewpoint temperature exceeded the ambient temperature resulting in a RH% above 100%. These times were during heavy rain events and were likely due to a wet-bulb effect on the total temperature sensor and/or an artificial warming of the dewpoint sensor as it tried to burn off excess moisture. The J/W liquid water data also reflected these periods. No corrections were made during these events.

All other instruments worked optimally during the flight.

The aircraft INE positions were renavigated with respect to GPS.

SPECIAL NOTE!!! Locations 80, 81 and 82 of record five on the standard tape contain vertical ground, vertical air and vertical speeds, respectively, computed using Dave Jorgensen's vertical wind algorithm.
It is recommended that these values be used for vertical wind analysis.

	Takeoff	Landing
Aircraft Static Pressure	1014.9 mb	1013.5 mb
Reported Station Pressure	1015.2 mb	1013.9 mb

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

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

Flt ID: 030902H	From: TISX	To: TISX
Flt. No: 03-39	Blk In: 0010z	Time On: 0007z
ETD: 1445	Blk Out: 1439z	Time Off: 1455z
ETE: 8+00	Blk Time: 9+31 9.5 Hrs	Flt Time: 9+12 9.2 Hrs
Sponsoring Org: NOAA/HRD	Program: HURR03	Purpose: HURRICAN FABIAN

AOC Flight Crew

Aircraft Commander: KENNEDY, P ✓	Data System: McMILLAN, S ✓
Co-Pilot: SILAH, M ✓ / HALVERSON, H	AVAPS: PEEK, B ✓
Navigator: BRADOB, D ✓ / NEWMAN, C	System Eng: DELGADO, J ✓
Flight Eng: TORREY, R ✓ / WADE, S ✓	A A: McFADDEN, J ✓
Flight Director: SHEPHERD, T ✓ / FLAHERTY, P	A A:
Avionics:	Crew Chief:

Participating Scientists / Visitors

Name (Last, First)	Activity on Aircraft	Affiliation
CHANG, P ✓	PI	NESDIS
ESTEBAN, D ✓	IWRAP	UMASS
KERR, B ✓	"	"
MARKS, F ✓	RADAR	HRD
DODGE, P ✓	"	"
EMANUEL, K ✓	"	"
ABERSON, S ✓	"	"

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

Storm Name: **FABIAN**

Mission ID: **NOAA2 WX104 FABIAN**

1912 5945 IP 1930 6012

2024 6100 eye

**1930 6011
STAIR STEP**

Recco Times

**1) 1507
2) 1700**

Fix # Fix Time

**PEN 1 1933
2 2000
3 2109
4 2212
5 2247**

56

(See reverse for additional remarks)

110 020

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

Flight ID: 030902H Time Off: 1455 Time On: 0007

A/C - Takeoff	Wx Station - Takeoff	A/C - Land	Wx Station - Land
---------------	----------------------	------------	-------------------

Pressure	1014.9	1015.2 29.98	1013.5	29.94 1014	
----------	--------	--------------	--------	------------	--

	Number	Data Disposition / Date / Quality
Flight Level Tapes	2	
Radar Tapes	1	
Cloud Physics Tapes / CDs	1	
Video Tapes	4	
Dropsondes	42	Good: Bad:
AXBT		
AXCP		
AXCTD		

Remarks:

030902H	LAT	LON	PS	TA	TD	TK	HD	RA	WD	WS	Comments
144146	17.42.00	-64.48.00	1015.	32.3	23.5	172.2	264.2	6290.	352.3	1.5	Block out 1439Z
145512	17.42.00	-64.47.40	1016.	30.6	23.1	84.1	84.0	6290.	354.7	2.8	Take off
150853	18. 6.60	-64. 7.80	671.4	6.5	1.7	58.3	56.9	3560.	345.7	6.0	Climbing
155259	18.43.20	-60.57.00	577.3	1.2	-1.2	46.6	40.2	4748.	278.1	20.0	Descend to 11000 PA
160420	19.21.60	-60.20.40	683.1	8.5	8.5	40.3	34.6	3321.	249.3	25.8	
161856	19.55.80	-60. 2.40	678.3	8.1	8.8	226.7	220.6	3318.	208.1	36.2	Reseting avaps
163009	19.46.20	-59.53.40	678.5	8.5	7.7	270.4	258.1	3365.	216.7	36.2	Still working avaps and loitering
172119	20.18.60	-60.16.80	678.7	12.0	7.8	314.3	294.7	3208.	191.0	51.8	D1 hrd
172149	20.19.80	-60.18.60	678.6	11.4	8.0	314.4	295.0	3188.	186.8	54.6	D2 hrd
172220	20.22.20	-60.20.40	678.7	10.0	9.9	314.6	295.9	3161.	182.6	56.4	D3 hrd full up
172256	20.24.00	-60.22.80	674.0	10.2	10.2	314.8	294.0	3182.	186.6	61.2	D4, sonobuoy1, BT12
173821	20.31.20	-60.39.00	651.1	12.2	12.3	304.5	300.9	3298.	145.8	23.1	2nd avaps system down now
175903	20.23.40	-60.48.60	647.8	12.4	10.3	127.4	130.9	3330.	275.1	18.9	AF fix 1718z 2029n 6044w 948mb 157 fl wnd
182331	20.28.20	-60.41.40	647.9	12.2	10.4	173.8	180.6	3340.	200.7	27.1	4 avaps channels now up
183339	20.27.00	-60.45.00	647.4	12.7	10.9	227.1	225.5	3339.	213.6	20.2	circling circling...so many circles
191334	20.33.60	-60.52.20	669.3	13.9	11.5	156.0	157.7	3040.	242.0	5.3	N43 seems to have same prob w avaps
193323	20.45.00	-61. 4.80	672.1	13.2	11.1	313.7	328.0	3061.	46.1	33.0	D5, sonobuoy12, BT12
193341	20.46.20	-61. 6.00	673.3	13.3	12.1	313.1	328.9	3063.	42.2	36.6	D6
193410	20.47.40	-61. 7.80	675.4	11.1	13.2	312.8	337.4	3072.	37.0	50.6	D7
193441	20.48.60	-61. 9.00	682.6	12.5	12.7	312.3	339.4	3020.	48.5	56.1	D8
195626	20.25.20	-61.23.40	693.4	10.9	11.7	76.6	56.9	3033.	332.6	42.7	Inbound
195906	20.28.20	-61.12.00	681.3	13.0	11.8	73.2	49.9	3035.	316.6	55.4	D9
195924	20.28.80	-61.10.20	677.8	16.0	10.5	73.9	49.9	3052.	312.8	59.4	D10
195939	20.29.40	-61. 9.00	677.3	14.9	12.2	74.9	52.6	3041.	312.4	56.2	D11
200009	20.30.00	-61. 6.60	673.7	14.2	13.3	74.0	58.3	3047.	310.9	44.0	D12, BT12
200837	20.37.80	-61. 4.80	669.5	14.6	11.7	228.1	234.2	3050.	349.8	15.9	Prepping sondes
201502	20.40.20	-60.48.00	670.5	12.8	10.7	62.8	84.6	3078.	169.6	49.2	D13 ful up, BT12
201534	20.41.40	-60.45.60	672.8	11.6	12.0	72.1	97.9	3091.	174.1	55.3	D14
201548	20.41.40	-60.44.40	674.5	10.5	10.9	72.2	99.1	3087.	171.9	60.7	D15
201603	20.42.00	-60.43.20	676.9	10.7	9.5	74.5	100.8	3081.	173.5	59.0	D16
203640	20.33.60	-59.56.40	759.2	13.0	9.3	311.8	300.5	2429.	176.8	34.2	preparing for stair step
203838	20.30.60	-59.59.40	759.5	12.6	9.4	169.6	172.1	2417.	178.3	32.3	D17, Sonobuoy12, BT12, Begin leg
204043	20.25.80	-59.58.80	759.2	12.7	9.9	169.9	173.6	2424.	184.1	32.3	D18
204405	20.16.80	-59.57.00	759.3	13.8	8.8	173.9	178.2	2432.	188.8	31.0	D19
204625	20.10.20	-59.55.80	759.5	13.1	10.1	171.4	177.4	2435.	195.3	29.7	D20 End leg
205357	20.13.80	-60. 0.60	759.2	13.5	9.4	355.3	349.9	2432.	193.8	33.7	Reverse trk; still stacked over 43
210735	20.44.40	-60.37.20	771.6	13.4	14.0	270.2	242.7	2109.	167.0	57.3	D21
210758	20.44.40	-60.39.00	770.0	13.2	13.6	270.3	240.2	2108.	169.2	62.5	D22
210814	20.44.40	-60.39.60	768.6	13.7	14.0	270.5	241.6	2106.	168.7	60.0	D23
210843	20.44.40	-60.42.00	764.9	15.0	15.6	270.3	244.8	2127.	167.5	53.2	D24 Inbound for 3rd penetration
211736	20.33.60	-60.58.20	745.0	18.1	15.5	134.6	156.5	2180.	236.1	48.3	D25
211804	20.32.40	-60.57.00	749.1	22.4	11.5	135.3	161.1	2176.	234.7	55.7	D26
211819	20.31.80	-60.56.40	751.8	20.1	12.5	135.7	163.1	2171.	233.7	57.4	D27
211834	20.31.20	-60.55.80	754.1	21.2	11.4	136.4	163.0	2167.	232.3	54.5	D28 Outbound from eye back to N43
214109	20.30.00	-60. 0.60	785.2	14.5	12.0	77.2	92.8	2148.	183.6	32.1	D29, Sono12, BT12
214250	20.31.80	-59.53.40	786.5	15.0	10.4	73.2	86.7	2146.	175.0	28.8	D30
214621	20.37.20	-59.47.40	787.4	15.7	9.9	254.5	241.2	2141.	163.4	27.6	D31
215301	20.31.20	-60.11.40	789.0	14.6	11.5	254.9	239.9	2080.	191.8	34.3	End leg; hdg to NE quad for another pass
221202	21. 0.00	-60.49.80	765.5	14.8	15.5	233.9	206.9	2141.	143.6	56.2	D32 Nesdis Pen 4
221234	20.58.80	-60.51.60	765.9	15.1	15.0	232.6	203.4	2112.	140.0	61.1	D33 Nesdis
221335	20.56.40	-60.54.60	759.9	15.8	14.9	231.6	201.2	2124.	140.8	64.2	D34 Nesdis
222606	20.55.80	-60.59.40	750.5	15.4	14.9	20.9	42.7	2151.	150.5	64.6	D35 Nesdis
222644	20.58.80	-60.58.20	756.0	14.9	15.2	22.1	48.9	2141.	138.0	66.0	D36 Nesdis N43 fix 2221z 2050N 6114W 944mb
sonde											
222801	21. 4.20	-60.56.40	765.3	14.7	15.6	20.0	45.5	2123.	130.8	57.3	D37 Nesdis
224559	21.15.00	-61. 4.20	771.0	13.5	14.7	208.5	178.6	2126.	107.9	61.0	D38 Nesdis
224728	21.10.20	-61. 7.20	765.1	14.2	15.1	210.0	180.1	2124.	107.5	60.3	D39 Nesdis Pen 5
224835	21. 6.00	-61. 9.60	759.3	14.5	15.5	208.3	177.3	2114.	98.7	63.5	D40 Nesdis
224910	21. 4.20	-61.10.80	752.4	14.5	15.6	208.8	179.6	2140.	100.4	64.7	D41 Nesdis
230007	20.27.60	-61.39.60	772.9	16.3	14.7	223.8	241.7	2162.	322.4	38.5	D42 Nesdis
230512	20.13.20	-61.54.00	781.0	15.5	12.9	221.5	233.7	2161.	325.2	27.7	End science RTB
234309	18.18.00	-63.57.00	594.8	1.8	-4.5	233.3	235.3	4543.	290.2	5.6	enroute to TISX
000632	17.42.00	-64.48.60	1014.	28.2	23.9	83.9	84.5	9976.	276.0	3.3	Land
001025	17.42.00	-64.47.40	1014.	32.7	23.4	169.8	173.7	1207.	183.0	.8	Block in

[illegible]

MISSION PREFLIGHT LOG		NAVIGATOR	AIRCRAFT COMMANDER	FLIGHT DIRECTOR	SCHEDULED / ACTUAL TAKEOFF Z	DATE OF TAKEOFF
DESTINATION TISX	MISSION CBLAST #1 ^{N42} CABIAN	LT BRADOB	COR KENNEDY	SHEPHERD	1430	02 SEP 03

[illegible]

19-30
60-12

"L": 13532 010/9 25/5 31/25 29.98

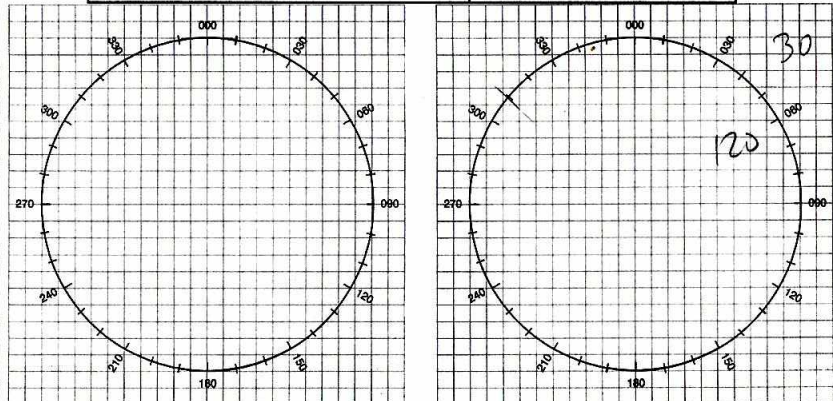
2141

~~19.5 60.2~~

AF 17182 N20-29 W60-44 948mb 157knts

CLEARANCES			
FREQ	ALT	HDG	OTHER
			SQ 4662 850-283-5270
7	14	20	

MISSION LOG PAGE 1 OF 2



POSITION REPORT

020

1. POSITION

2. TIME

3. ALTITUDE

4. NEXT POSITION

5. ETA

6. NEXT POSITION

EMERGENCY MESSAGE

TRANSMIT THE FOLLOWING MESSAGE TO ANY AGENCY ON THE AIR-GROUND FREQUENCY IN USE. IF UNABLE TO ESTABLISH COMMS, ATTEMPT CONTACT ON ANY OF THE FOLLOWING EMERGENCY FREQUENCIES:

UHF/VOICE 243.0 VHF/VOICE 121.5 MF/VOICE 2182 KHZ HF/CW 8364 KHZ MF/CW 500 KHZ

MAYDAY, MAYDAY, MAYDAY THIS IS NOAA, NOAA 42, NOAA 42

- POSITION _____ N/S _____ E/W AT _____ Z

- HEADING _____ TRUE/MAG

- AT _____ KTS TRUE/INDICATED

- FLIGHT LEVEL OR ALTITUDE _____

- WE ARE A P-3 AIRCRAFT WITH _____ SOULS ON BOARD

- NATURE OF EMERGENCY 20

- ASSISTANCE DESIRED

- PILOT INTENTIONS

- WE HAVE _____ ENDURANCE REMAINING

TIME	FIX TYPE	POSITION	INS 1 POSITION	K ERR	INS 2 POSITION	K ERR	MH	VAR +E==>	TH	DR +R==>	TRK	GS	WD	WS	ALT	TAS	NEXT PT	DIST	TIME	ETA	REMARKS
1434	ENG	N	N		N																
1439	TAXI	W	W		W																
1439	BLAKE																				
1455	T/O																				20-37
1508	XV	18-05.7 64-08.8	18-05.5 64-08.8	+1.2 0	18-05.6 64-08.8	+1.1 0			057	1R	058	218	020	7	11K	223					60-54
1545	Δ	18-21.2 61-32.8	18-21.3 61-32.8	-1.1 0	18-21.6 61-32.2	-1.4 -0.6			108	1L	107	303	290	44	15.5K	260					
1655	Δ	19-49.2 59-45.4	19-49.1 59-45.6	+1.1 -1.2	19-50.2 59-49.9	-1.0 +1.5			241	14R	255	204	200	56	11K	240					
1745	Δ	20-22.2 60-37.7	20-21.1 60-38.6	+1.1 -1.9	20-22.8 60-37.7	-1.6 0			050	1R	051	330	220	80	11K	251					
1850	Δ	20-31.5 60-45.0	20-32.4 60-45.7	-1.9 -1.7	20-33.1 60-44.1	-1.6 +1.9			230	6R	236	233	150	25	12K	240					
1945	Δ	20-54.5 61-43.6	20-57.1 61-45.0	-2.6 -1.4	20-56.1 61-42.6	-1.6 +1.0			180	6R	186	315	020	80	11K	238					20-30 SPARK
2045	Δ	20-06.8 60-00.0	20-09.0 60-03.0	-2.2 -3.0	20-07.0 59-59.8	-1.2 +1.2			358	6R	356	280	200	65	8K	228					60-00 IF
2145	Δ	20-39.4 59-56.9	20-38.4 59-58.3	-1.0 -1.4	20-34.2 59-56.3	+1.9 +1.6			240	14R	254	226	170	57	7K	234					
2245	Δ	21-20.6 61-00.3	21-25.7 60-59.4	-5.1 +1.9	21-19.3 60-58.4	+1.3 +1.9			202	24R	226	268	107	105	7K	238					
2345	Δ	18-02.3 64-20.0	18-07.7 64-20.6	-5.4 -1.6	18-00.0 64-19.5	+2.3 +1.5			237	4L	233	225	290	14	5.6K	227					
0006	LAND	17-42.1 64-47.6	17-49.2 64-46.1	-7.1 +1.5	17-40.7 64-45.7	+1.4 +1.9															

010
110

TPA3 N20-22 W60-42.5 15 -TPA19-47.1 59-54.0 -TPA19-45 59-45 -TPA2 N20-30 W60-45 15

19-30
60-12

"L": 13532 010/4 25/5 31/25 29.98

2141

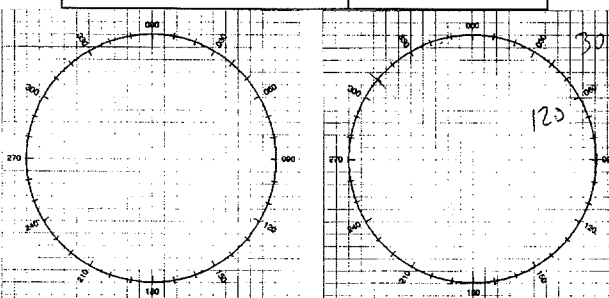
~~10.5 60.2~~

AF 17182 N20-29 W60-44 948mb 157knts

CLEARANCES			
FREQ	ALT	HDG	OTHER
			SQ 4662 850-283-5270
7	14	20	

MISSION LOG

PAGE 1 OF 2



POSITION REPORT

020

1. POSITION

2. TIME

3. ALTITUDE

4. NEXT POSITION

5. ETA

6. NEXT POSITION

EMERGENCY MESSAGE

TRANSMIT THE FOLLOWING MESSAGE TO ANY AGENCY ON THE AIR-GROUND FREQUENCY IN USE. IF UNABLE TO ESTABLISH COMMS, ATTEMPT CONTACT ON ANY OF THE FOLLOWING EMERGENCY FREQUENCIES:

UHF/VOICE 243.0 VHF/VOICE 121.5 MF/VOICE 2182 KHZ HF/CW 8364 KHZ MF/CW 500 KHZ

MAYDAY, MAYDAY, MAYDAY THIS IS NOAA 42 NOAA 42

- POSITION _____ N/S _____ E/W AT _____ Z

- HEADING _____ TRUE/MAG

- AT _____ KTS TRUE/INDICATED

- FLIGHT LEVEL OR ALTITUDE _____

- WE ARE A P-3 AIRCRAFT WITH _____ SOULS ON BOARD

- NATURE OF EMERGENCY _____

- ASSISTANCE DESIRED _____

- PILOT INTENTIONS _____

- WE HAVE _____ ENDURANCE REMAINING

TIME	FIX TYPE	POSITION	INS 1 POSITION	K ERR	INS 2 POSITION	K ERR	MH	VAR	TH	DR	TRK	GS	WD	WS	ALT	TAS	NEXT PT	DIST	TIME	ETA	REMARKS
1434	ENB	N	N		N																
1439	TAKI	W	W		W																
1439	Block																				
1439	710																				
1538	XV	18-05.7 64-08.8	18-05.5 64-08.8	+2 0	18-05.6 64-08.8	+1 0			057	1R	058	218	020	7	11K	223					20-37
1545	A	18-21.8 64-08.8	18-21.8 64-08.8	+1 0	18-21.8 64-08.8	+1 0			108	1L	109	303	270	44	15.5K	260					60-54
1655	A	19-44.2 59-45.4	19-44.1 59-45.6	+1 -2	19-50.2 59-49.9	-1.0 +5			241	14R	255	204	200	56	11K	240					
1745	A	20-31.5 60-45.0	20-31.5 60-45.0	+1 -9	20-31.5 60-45.0	+1 -9			050	1R	051	330	200	80	11K	257					
1850	A	20-31.5 60-45.0	20-32.4 60-45.7	-1.9 -7	20-33.1 60-44.1	-1.6 +9			230	6R	236	233	150	25	12K	240					
1945	A	20-31.5 60-45.0	20-31.5 60-45.0	+1 -9	20-31.5 60-45.0	+1 -9			180	6R	186	35	060	20	11K	238					20-30 50112
2045	A	20-06.8 60-00.0	20-09.0 60-03.0	-2.2 -3.0	20-07.0 59-59.8	-1.2 +2			358	6R	356	280	200	65	8K	228					60-00 50112
2145	A	21-20.6 61-07.3	21-25.7 60-59.4	-5.1 +1.9	21-19.3 60-56.4	+1.3 +1.9			202	24R	226	268	107	105	7K	238					
2245	A	21-20.6 61-07.3	21-25.7 60-59.4	-5.1 +1.9	21-19.3 60-56.4	+1.3 +1.9			202	24R	226	268	107	105	7K	238					
0006	LAND	17-42.1 64-47.6	17-49.2 64-46.1	-7.1 +1.5	17-40.7 64-45.7	+1.4 +1.9															

IPA 3, 1720-32 W60-42.5

IPA 19-47.1

59-54.0

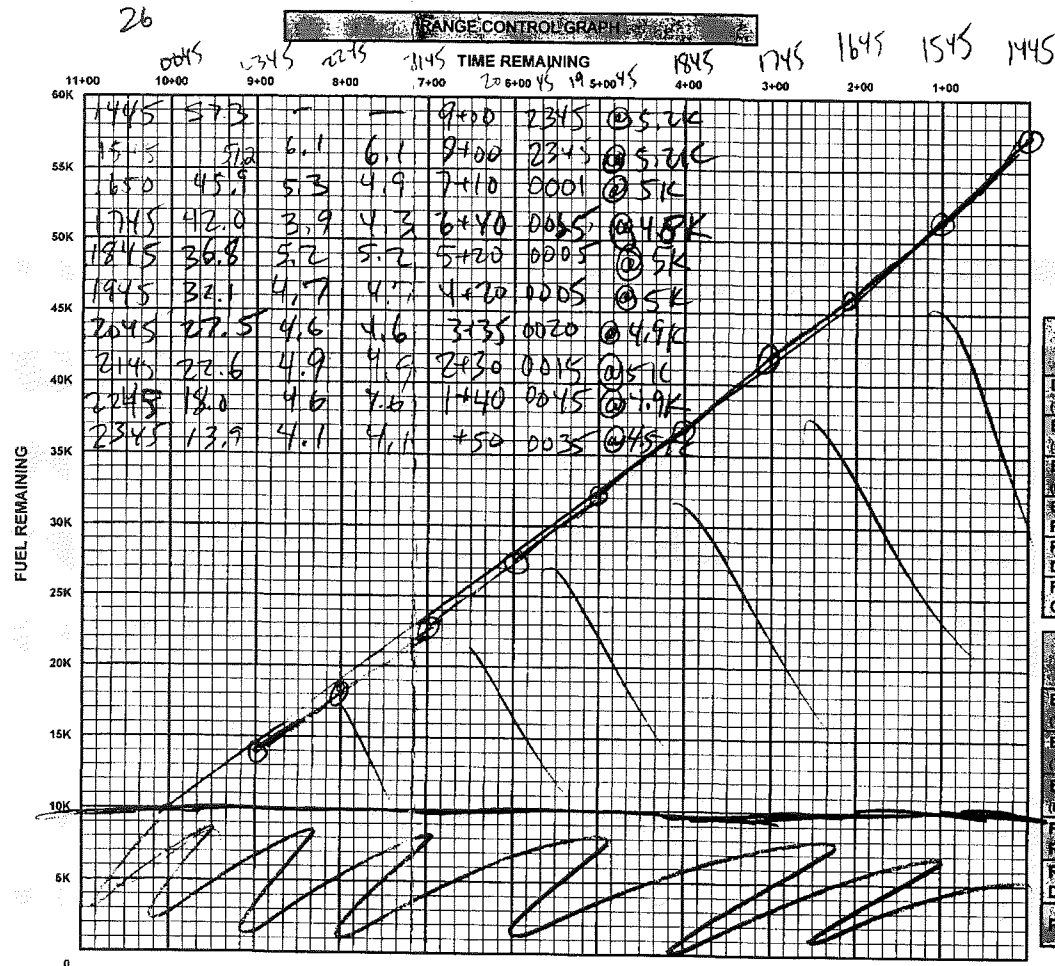
IPA 1945

59-45

IPA 20-30 W60-45

17

26



DISTANCE REMAINING

$$ETP = .5(TOTAL\ DISTANCE \times OUTBOUND\ WIND\ FACTOR)$$

WIND FACTOR		
WINDSPEED	HEADWIND	TAILWIND
10	1.03	.97
20	1.06	.94
30	1.10	.92
40	1.14	.89
50	1.18	.87
60	1.22	.85

ENROUTE FUEL	
ENROUTE TIME	10+00
ENROUTE FUEL (KTS/KS RULE)	47K
RESERVE AT DESTINATION	10K
REQUIRED RAMP	57K
ACTUAL RAMP FUEL	57.3

TACTICAL (OFFSTA TO DESTINATION)		
	4 ENG	3 ENG
DISTANCE (OFFSTA TO DEST)		
ENROUTE TIME (OFFSTA TO DEST)		
BURN RATE (LBS/HR)	4500	5500
ENROUTE FUEL REQUIRED		
RESERVE AT DESTINATION		
FUEL AT OFFSTA		

POINT OF SAFE RETURN		
	4 ENG	3 ENG
ETP DISTANCE (TO DEPARTURE)		
ENROUTE TIME (TO DEPARTURE)		
BURN RATE (LBS/HR)	4500	5500
FUEL REQUIRED		
RESERVE AT DEPARTURE		
PSR FUEL		

PRESS ALT	200	250	300	350
10,000	1.0	1.0	.99	.99
20,000	.99	.98	.97	.97
30,000	.97	.96	.95	.94
40,000	.96	.94	.92	.90

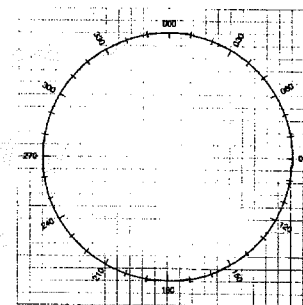
TRUE AIRSPEED CROSS CHECK						
TIME	IAS	PRESS ALT	"I" FACTOR	EAS	OAT	TAS

11
36
47

CEX - TRUE BEARING METHOD			
COMPASS TYPE	INS1	INS2	WET
MCH (READING)			
MTH (START)			
CE			
VAR			
DEV			

CEX - ERB METHOD			
COMPASS TYPE	INS1	INS2	WET
MERB (DIAL 000)			
ZN			
MTH			
MCH (READING)			
CE			
VAR			
DEV			

CEX SIGHT	
GMT	
GHA	
CORR	
GHA	
LONG. W	
EXACT LHA	
LAT	
BODY	
DEC	
HCD	
CORR	
HC	
Z	
ZN	



030902H

BAD BLACK LANTERN
163551 - BAD POSITION?

163541 - 163600 BAD DATA
TIME GAP

RA 145200 - 150400
235000 - 000900

SUB TD^M FOR TDM
224919 - 224950
231739 - 234441

RA $\approx$ → 1977
145730

TT 2

TDM 1

INS 72
AZ

RA 159

RENAV

1	160000	- .3	+ .6
2	165000	- .5	+ .4
3	172500	- 1.4	+ .7
4	182000	- 1.8	+ .7
5	193000	- 1.0	+ .1
6	202000	- .9	+ .8
7	210000	- .4	+ .6
8	214000	+ .3	+ 1.3
9	222000	+ 1.5	+ .5
10	231000	+ 2.5	+ 1.0
11	000900	+ 1.4	+ 1.9

NOAA • AOC • SED
N43RF AVAPS DROP LOG

Project : Hurricane '03

Mission : Fabien

Flight ID : 030902h

Take Off : _____

Landing : _____

Drop #	Sonde Serial #	Rcvr #	Press Offset	Launch Time	Winds Time	Operator	Comments	Good ?
1	235 352 23	2		1721	37			
2	23 555 253	3		1721	29			
3	32 146 066	1		1722	27			
4	23 618 007	4		1722	45			
5	32318019	1		1933	23			
6	23 535 237	2		1933	18			
7	23 555 249	3		1934	38		Delayed LD (20sec)	
8	23 535 394	4		1934	25			
9	23 555 251	3		1959	55		Delayed LD (11sec)	
10	23 555 256	4		1959	41			
11	32 335 114	1		2000	29			
12	23 618 003	2		1959	133		Delayed L.D. (81sec)	N/A
13	32 335 348	1		2015	47		Delayed LD (7sec)	
14	23 618 004	2		2015	24			
15	23 555 252	3		2015	21			
16	23 535 392	4		2016	57			
17	23 555 254	1		2038	27			
18	23 535 393	2		2040	24			
19	23 535 418	3		2044	26			
20	23 535 416	4		2046	24		Delayed L.D. (8sec)	
21	23 535 426	2		2107	26			
22	32 335 320	1		2108	23			
23	22 815 134	3		2108	34			
24	23 555 248	4		2108	32			
25	23 535 424	2		2117	48			
26	22 918 005	3		2118	60			
27	22 945 061	4		2118	17.			
28	32 335 353	1		2118	28			
29	22 945 063	1		2141	79			
30	22 945 068	2		2142	91			
31	22 945 066	3		2146	93			
32	22 918 009	1		2212	32			
33	22 918 011	2		2212	37			
34	22 918 007	3		2213	53			

31 HRD 16 Needs

N42RF AVAPS DropSonde Log

N42RF Project: CBLAST Flight ID: 030902H

Mission: _____ Flight #: _____ System Status: _____

Drop #	Sonde Serial Number	Time (Z)	Chn #	Press. offset	Winds time	Operator Init.	Comments Drop Status	BAD ☒	GOOD ☒
1	023535223		2						
2	023555253		3						
3	023618007		4						
4	023535237		6						
5	032145065		1						
6	023535394		7						
7	032318019		5						
8	023555249		8						
9	023618003 03233544		2				BT+SOND BT		
10	032335114		1						
11	023555251		3						
12	032335348		5						
13	023555256		4						
14	023555254		6						
15			7						
16	032335348		8						
17	023618004		2						
18	023555252		3						
19	023535392		4						
20									
21									
22									
23									
24									
25									
26									
27									
28									
29									
30									
31									
32									
33									