



NOAA P-3 N42RF
Ferry KMCF - TISX
8/31/2007



Flight ID: 070831H

<u>Sensor or system</u>	<u>Number or Name</u>
INE	1
Accelerometer	1
Temperature Probe	1
Dew Point Probe	2 (Edgetech)
Altitude (for vertical wind)	RA159
Static Pressure	Rosemount Fuselage psf
Dynamic Pressure	Rosemount Fuselage pqf1
Time Source	Micro 99

<u>Local Met Data:</u>	<u>Takeoff (1742Z)</u>	<u>Landing (2147Z)</u>
Aircraft Static Pressure	1012.6 mb	NA mb
Tower Pressure	1013.9 mb	NA mb

Notes:

There were no errors noted in the selected sensors. Total temperature probe #2 had many errors during the flight.

The aircraft and tower pressures were not recorded by the Flight Director on landing.

There were no data gaps noted.

SPECIAL NOTE: In the netCDF file, 070831H_RC.nc, vertical ground speed (dpj_wgs), vertical air speed (dpj_was), and vertical wind speed (dpj_wz) were computed using Dr. Dave Jorgensen's vertical wind algorithm. It is recommended that these values be used for vertical wind analysis.

<i>Flight Director:</i>	<i>Tom Shepherd</i>
<i>Phone #:</i>	<i>(813) 828-3310 ext. 3053</i>

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

AOCWF-1

Flt ID: 070831H	From: KMCF	To: TISX
Flt No: —	Blk In: 2152	ATA: 2147
ETD: 1730	Blk Out: 1732	ATD: 1742
ETE: 4+30	Blk Time: 4+20 4.3	Flt Time: 4+5 4.1
Sponsor Org: NOAA/HRD	Program: HUR07	Purpose: FERRY

AOC Personnel

AC: STRONG, T	Sys Eng: HILL, J
CP: NEWMAN, C	Data Sys: Mc MILLAN, S
Nav: GALLAGHER, T	Radar:
FE: BAST, G / WADE, S	GPS/BT:
FD: SHEPHERD, T / ALMEIDA, J	Cld Phys: CREW CHIEF: DARBY, P
Avionics: OLNEY, B	PM: McFADDEN, J

Participating Scientists / Visitors / AOC

Name (Last, First)	Activity on Aircraft	Affiliation
CONTRERAS, R	SFMR	UMASS
McMANUS, J	"	"

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

PHX

2125

15X

2998

110/14

22

1005ct

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

AOCWF2

Flt ID:

070831H

Time Off:

1742

Time On:

2147

A/C (Take Off)

Wx Station (Take Off)

A/C (Land)

Wx Station (Land)

Pressure

1018.6

29.94

Number

Data Disposition / Date / Quality

Flt Lvl Tapes

Radar Tapes

Cloud Physics Tapes

Video Tapes

AXBT

AXCP

AXCTD

Dropsondes

Video

Forward

Left Side

Right Side

Down

Remarks

Time On

Time Off

Rate

Remarks

07083114
Jerry KMCF
TISX

TD2

TT1

TT2 problems for most of
flight.

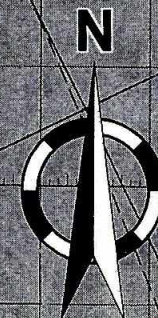
RA159 no spikes.

INE 1

ACC 1

no data gaps

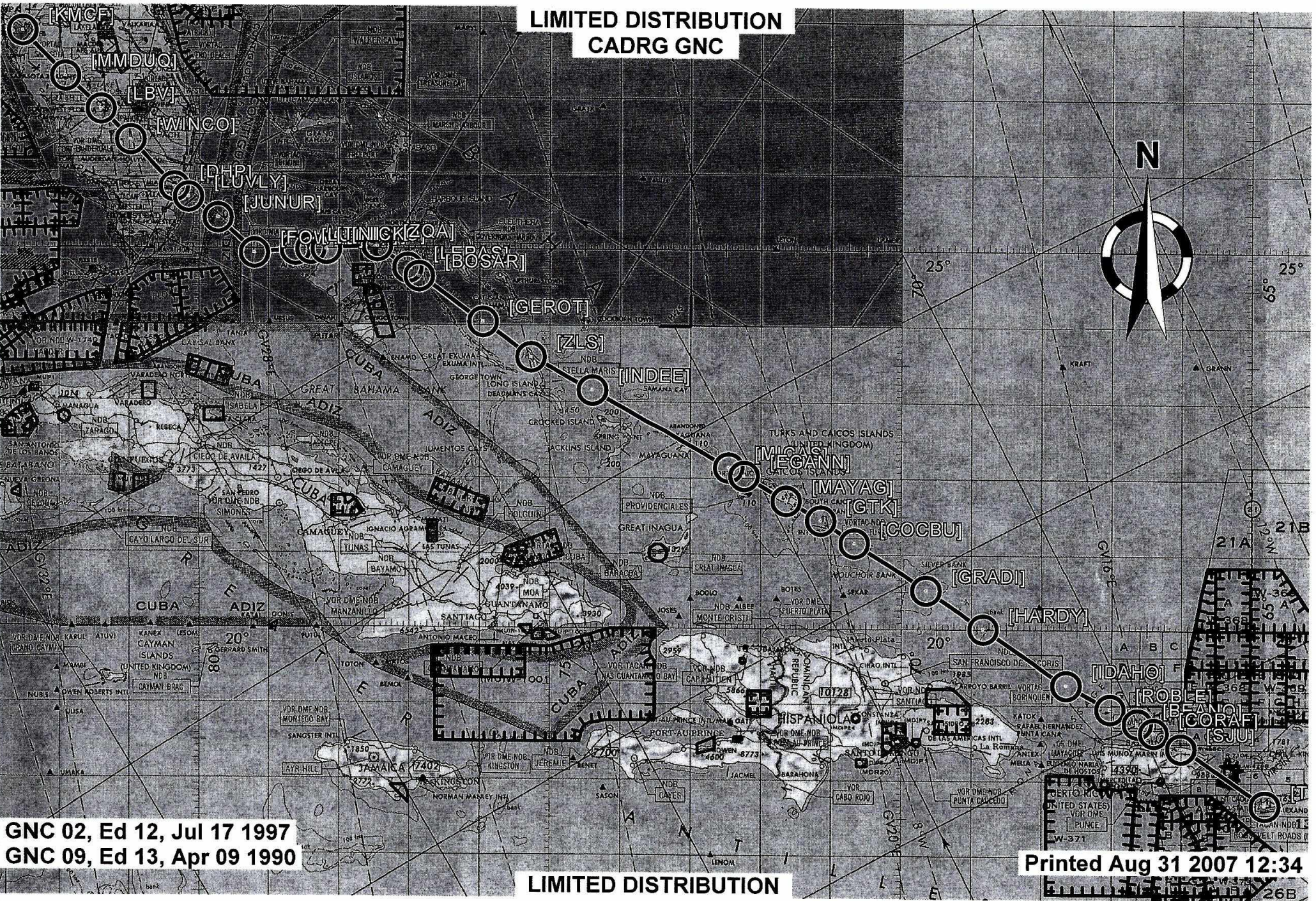
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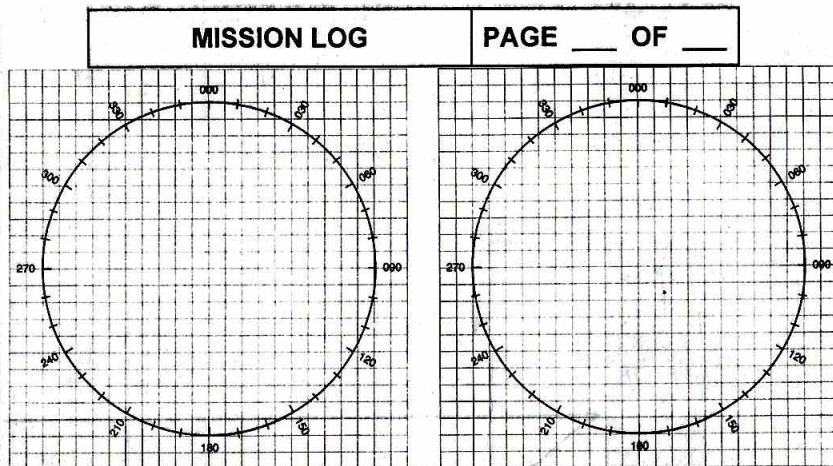
GNC 02, Ed 12, Jul 17 1997
GNC 09, Ed 13, Apr 09 1990

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Printed Aug 31 2007 12:34



CLEARANCES			
FREQ	ALT	HDG	OTHER
18.9	1600		TICK



POSITION REPORT

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 _____, NOAA _____

- 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 +E==>	TH	DR +R==>	TRK	GS	WD	WS	ALT	TAS	NEXT PT	DIST	TIME	ETA	REMARKS
17 ⁵¹	Δ	27-39.4 082-01.2	27-39.4 082-00.3	- +1.9	27-39.4 082-01.6	- -1.4	112	4W	108	1L	107	246	294	19	1700	232	LBO	55	+13	18 ⁰³	
17 ⁵²	Δ	27-39.4 082-01.2	27-39.4 082-00.3	- +1.9	27-39.4 082-01.6	- -1.4	112	4W	108	1L	107	246	294	19	1700	232	LBO	55	+13	18 ⁰³	
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