

## 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: H407	Purpose: FERRY

## AOC Personnel

AC: STRONG, T	Sys Eng: Hill, J
CP: NEWMAN, C	Data Sys: McMillan, 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



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.

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



07083114  
Jerry KMCF  
TISX

TD2

TT1

TT2 problems for most of  
flight.

RA159 no spikes.

INE 1

ACC 1

no data gaps



[illegible]

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

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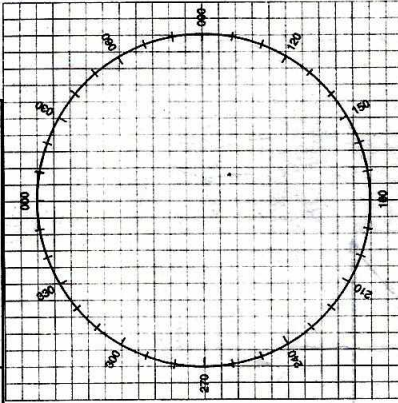
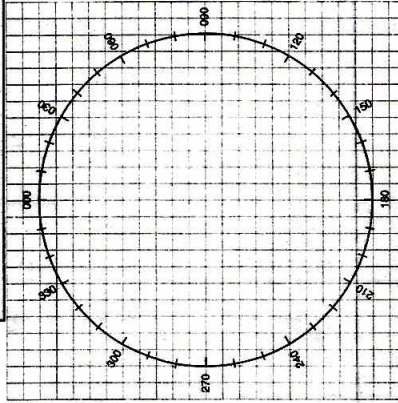


## CLEARANCES

[illegible]

## MISSION LOG

PAGE OF

**OF**

# 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	VHF/VOICE	MF/VOICE	HF/CW	MF/CW
243.0	121.5	2182 KHZ	8364 KHZ	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

TIME	FIX TYPE	POSITION	INS 1 POSITION	K ERR	INS 2 POSITION	K ERR	VAR +E=>	TH	DR +R=>	TRK	GS	WD	WS	ALT	TAS	NEXT PT	DIST	TIME	ETA	REMARKS
1750	<del>1</del>	27-39.4 082-01.2	27-39.4 082-00.3	- +1.9	27-39.4 082-01.6	-4	112	108	12	107	246	284	19	1700	232	150	55	+13	1803	
1800	<del>1</del>	27-39.4 082-01.2	27-39.4 082-00.3	- +1.9	27-39.4 082-01.6	-4	112	108	12	107	246	284	19	1700	232	150	55	+13	1803	
1810	<del>1</del>	27-39.4 082-01.2	27-39.4 082-00.3	- +1.9	27-39.4 082-01.6	-4	112	108	12	107	246	284	19	1700	232	150	55	+13	1803	
1820	<del>1</del>	27-39.4 082-01.2	27-39.4 082-00.3	- +1.9	27-39.4 082-01.6	-4	112	108	12	107	246	284	19	1700	232	150	55	+13	1803	
1830	<del>1</del>	27-39.4 082-01.2	27-39.4 082-00.3	- +1.9	27-39.4 082-01.6	-4	112	108	12	107	246	284	19	1700	232	150	55	+13	1803	
1840	<del>1</del>	27-39.4 082-01.2	27-39.4 082-00.3	- +1.9	27-39.4 082-01.6	-4	112	108	12	107	246	284	19	1700	232	150	55	+13	1803	
1850	<del>1</del>	27-39.4 082-01.2	27-39.4 082-00.3	- +1.9	27-39.4 082-01.6	-4	112	108	12	107	246	284	19	1700	232	150	55	+13	1803	
1900	<del>1</del>	27-39.4 082-01.2	27-39.4 082-00.3	- +1.9	27-39.4 082-01.6	-4	112	108	12	107	246	284	19	1700	232	150	55	+13	1803	
1910	<del>1</del>	27-39.4 082-01.2	27-39.4 082-00.3	- +1.9	27-39.4 082-01.6	-4	112	108	12	107	246	284	19	1700	232	150	55	+13	1803	
1920	<del>1</del>	27-39.4 082-01.2	27-39.4 082-00.3	- +1.9	27-39.4 082-01.6	-4	112	108	12	107	246	284	19	1700	232	150	55	+13	1803	
1930	<del>1</del>	27-39.4 082-01.2	27-39.4 082-00.3	- +1.9	27-39.4 082-01.6	-4	112	108	12	107	246	284	19	1700	232	150	55	+13	1803	
1940	<del>1</del>	27-39.4 082-01.2	27-39.4 082-00.3	- +1.9	27-39.4 082-01.6	-4	112	108	12	107	246	284	19	1700	232	150	55	+13	1803	
1950	<del>1</del>	27-39.4 082-01.2	27-39.4 082-00.3	- +1.9	27-39.4 082-01.6	-4	112	108	12	107	246	284	19	1700	232	150	55	+13	1803	
2000	<del>1</del>	27-39.4 082-01.2	27-39.4 082-00.3	- +1.9	27-39.4 082-01.6	-4	112	108	12	107	246	284	19	1700	232	150	55	+13	1803	
2010	<del>1</del>	27-39.4 082-01.2	27-39.4 082-00.3	- +1.9	27-39.4 082-01.6	-4	112	108	12	107	246	284	19	1700	232	150	55	+13	1803	
2020	<del>1</del>	27-39.4 082-01.2	27-39.4 082-00.3	- +1.9	27-39.4 082-01.6	-4	112	108	12	107	246	284	19	1700	232	150	55	+13	1803	
2030	<del>1</del>	27-39.4 082-01.2	27-39.4 082-00.3	- +1.9	27-39.4 082-01.6	-4	112	108	12	107	246	284	19	1700	232	150	55	+13	1803	
2040	<del>1</del>	27-39.4 082-01.2	27-39.4 082-00.3	- +1.9	27-39.4 082-01.6	-4	112	108	12	107	246	284	19	1700	232	150	55	+13	1803	
2050	<del>1</del>	27-39.4 082-01.2	27-39.4 082-00.3	- +1.9	27-39.4 082-01.6	-4	112	108	12	107	246	284	19	1700	232	150	55	+13	1803	
2100	<del>1</del>	27-39.4 082-01.2	27-39.4 082-00.3	- +1.9	27-39.4 082-01.6	-4	112	108	12	107	246	284	19	1700	232	150	55	+13	1803	
2110	<del>1</del>	27-39.4 082-01.2	27-39.4 082-00.3	- +1.9	27-39.4 082-01.6	-4	112	108	12	107	246	284	19	1700	232	150	55	+13	1803	
2120	<del>1</del>	27-39.4 082-01.2	27-39.4 082-00.3	- +1.9	27-39.4 082-01.6	-4	112	108	12	107	246	284	19	1700	232	150	55	+13	1803	
2130	<del>1</del>	27-39.4 082-01.2	27-39.4 082-00.3	- +1.9	27-39.4 082-01.6	-4	112	108	12	107	246	284	19	1700	232	150	55	+13	1803	
2140	<del>1</del>	27-39.4 082-01.2	27-39.4 082-00.3	- +1.9	27-39.4 082-01.6	-4	112	108	12	107	246	284	19	1700	232	150	55	+13	1803	
2150	<del>1</del>	27-39.4 082-01.2	27-39.4 082-00.3	- +1.9	27-39.4 082-01.6	-4	112	108	12	107	246	284	19	1700	232	150	55	+13	1803	
2200	<del>1</del>	27-39.4 082-01.2	27-39.4 082-00.3	- +1.9	27-39.4 082-01.6	-4	112	108	12	107	246	284	19	1700	232	150	55	+13	1803	
2210	<del>1</del>	27-39.4 082-01.2	27-39.4 082-00.3	- +1.9	27-39.4 082-01.6	-4	112	108	12	107	246	284	19	1700	232	150	55	+13	1803	
2220	<del>1</del>	27-39.4 082-01.2	27-39.4 082-00.3	- +1.9	27-39.4 082-01.6	-4	112	108	12	107	246	284	19	1700	232	150	55	+13	1803	
2230	<del>1</del>	27-39.4 082-01.2	27-39.4 082-00.3	- +1.9	27-39.4 082-01.6	-4	112	108	12	107	246	284	19	1700	232	150	55	+13	1803	
2240	<del>1</del>	27-39.4 082-01.2	27-39.4 082-00.3	- +1.9	27-39.4 082-01.6	-4	112	108	12	107	246	284	19	1700	232	150	55	+13	1803	
2250	<del>1</del>	27-39.4 082-01.2	27-39.4 082-00.3	- +1.9	27-39.4 082-01.6	-4	112	108	12	107	246	284	19	1700	232	150	55	+13	1803	
2300	<del>1</del>	27-39.4 082-01.2	27-39.4 082-00.3	- +1.9	27-39.4 082-01.6	-4	112	108	12	107	246	284	19	1700	232	150	55	+13	1803	
2310	<del>1</del>	27-39.4 082-01.2	27-39.4 082-00.3	- +1.9	27-39.4 082-01.6	-4	112	108	12	107	246	284	19	1700	232	150	55	+13	1803	
2320	<del>1</del>	27-39.4 082-01.2	27-39.4 082-00.3	- +1.9	27-39.4 082-01.6	-4	112	108	12	107	246	284	19	1700	232	150	55	+13	1803	
2330	<del>1</del>	27-39.4 082-01.2	27-39.4 082-00.3	- +1.9	27-39.4 082-01.6	-4	112	108	12	107	246	284	19	1700	232	150	55	+13	1803	
2340	<del>1</del>	27-39.4 082-01.2	27-39.4 082-00.3	- +1.9	27-39.4 082-01.6	-4	112	108	12	107	246	284	19	1700	232	150	55	+13	1803	
2350	<del>1</del>	27-39.4 082-01.2	27-39.4 082-00.3	- +1.9	27-39.4 082-01.6	-4	112	108	12	107	246	284	19	1700	232	150	55	+13	1803	
2400	<del>1</del>	27-39.4 082-01.2	27-39.4 082-00.3	- +1.9	27-39.4 082-01.6	-4	112	108	12	107	246	284	19	1700	232	150	55	+13	1803	
2410	<del>1</del>	27-39.4 082-01.2	27-39.4 082-00.3	- +1.9	27-39.4 082-01.6	-4	112	108	12	107	246	284	19	1700	232	150	55	+13	1803	
2420	<del>1</del>	27-39.4 082-01.2	27-39.4 082-00.3	- +1.9	27-39.4 082-01.6	-4	112	108	12	107	246	284	19	1700	232	150	55	+13	1803	
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2440	<del>1</del>	27-39.4 082-01.2	27-39.4 082-00.3	- +1.9	27-39.4 082-01.6	-4	112	108	12	107	246	284	19	1700	232	150	55	+13	1803	
2450	<del>1</del>	27-39.4 082-01.2	27-39.4 082-00.3	- +1.9	27-39.4 082-01.6	-4	112	108	12	107	246	284	19	1700	232	150	55	+13	1803	
2500	<del>1</del>	27-39.4 082-01.2	27-39.4 082-00.3	- +1.9	27-39.4 082-01.6	-4	112	108	12	107	246	284	19	1700	232	150	55	+13	1803	
2510	<del>1</del>	27-39.4 082-01.2	27-39.4 082-00.3	- +1.9	27-39.4 082-01.6	-4	112	108	12	107	246	284	19	1700	232	150	55	+13	1803	
2520	<del>1</del>	27-39.4 082-01.2	27-39.4 082-00.3	- +1.9	27-39.4 082-01.6	-4	112	108	12	107	246	284	19	1700	232	150	55	+13	1803	
2530	<del>1</del>	27-39.4 082-01.2	27-39.4 082-00.3	- +1.9	27-39.4 082-01.6	-4	112	108	12	107	246	284	19	1700	232	150	55	+13	1803	
2540	<del>1</del>	27-39.4 082-01.2	27-39.4 082-00.3	- +1.9	27-39.4 082-01.6	-4	112	108	12	107	246	284	19	1700	232	150	55	+13	1803	
2550	<del>1</del>	27-39.4 082-01.2	27-39.4 082-00.3	- +1.9	27-39.4 082-01.6	-4	112	108	12	107	246	284	19	1700	232	150	55	+13	1803	
2600	<del>1</del>	27-39.4 082-01.2	27-39.4 082-00.3	- +1.9	27-39.4 082-01.6	-4	112	108	12	107	246	284	19	1700	232	150	55	+13	1803	
2610	<del>1</del>	27-39.4 082-01.2	27-39.4 082-00.3	- +1.9	27-39.4 082-01.6	-4	112	108	12	107	246	284	19	1700	232	150	55	+13	1803	
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2630	<del>1</del>	27-39.4 082-01.2	27-39.4 082-00.3	- +1.9	27-39.4 082-01.6	-4	112	108	12	107	246	284	19	1700	232	150	55	+13	1803	
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2700	<del>1</del>	27-39.4 082-01.2	27-39.4 082-00.3	- +1.9	27-39.4 082-01.6	-4	112	108	12	107	246	284	19	1700	232	150	55	+13	1803	
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2720	<del>1</del>	27-39.4 082-01.2	27-39.4 082-00.3	- +1.9	27-39.4 082-															