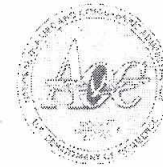




# NOAA P-3 N42RF

## Ferry TBPB-KMCF



### Flight ID: 060922H

#### Sensor or system

INE  
Accelerometer  
Temperature Probe  
Dew Point Probe  
Altitude (for vertical wind)  
Static Pressure  
Dynamic Pressure  
Time Source  
Constants File

#### Number or Name

2  
2  
1  
1 (General Eastern)  
Radar Altimeter 159  
Rosemount Fuselage  
Rosemount Fuselage 1281  
Micro 99  
CO2062.con

#### Notes:

There were no time/data gaps during this flight.

The King liquid water sensor was inoperative throughout the flight.

Altitude data from inertial one and two were both inoperative throughout the entire flight.

Wind data from inertial 1 is unrepresentative of the actual wind values. Also, no vertical speed data is available from inertial 1 or inertial 2.

Temperature and dewpoint values from sensor number 3 are erroneous. Also, dewpoint sensor number 2 was inoperative throughout the entire flight.

Data from dewpoint sensor number 1 could be considered speculative from 185100Z-192352Z. Since dewpoint sensor number 2 was inoperative, no corrections were made to the data.

Spikes in altitude and vertical wind data are the result of flying over the mountainous terrain of the caribbean islands.

Otherwise, all sensors worked optimally during this flight.

**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	1008.5 mb	1011.8 mb
Corrected Tower Pressure	1008.0 mb	1017.6 mb

Flight Director: Martin Mayeaux (813) 828-3310 ext. 3086

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

Flt ID: 060922H	From: TBPB	To: TBPB
Flt. No: 06-068	Blk In: 1959 Z	Time On: 1950 Z
ETD: 1400 Z	Blk Out: 1348 Z	Time Off: 1354 Z
ETE: 6+30	Blk Time: 6+11 (62) Hrs	Flt Time: 5+56 (59) Hrs
Sponsoring Org: NESDIS	Program: Ocean winds	Purpose: Ferry

**AOC Flight Crew**

Aircraft Commander: Strong	Data System: Mcmillan
Co-Pilot: Giramonte	AVAPS: Raslo
Navigator: Gallagher, <del>Bas</del> Bishop	System Eng:
Flight Eng: Bast, Kippel	A A:
Flight Director: Mayeaux	A A:
Avionics: Olney	Crew Chief: Torrey

**Participating Scientists / Visitors**

Name (Last, First)	Activity on Aircraft	Affiliation
Chang, P	PI	NESDIS
Esteban, D	Sci	AT&T
Chu, T	Sci	UMASS
Jelenak, z	Sci	Nesdis
Black	Sci	HRD
Leighton	Sci	HRP
McFadden, J	Pm	Aoc

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

Storm Name: Eric 1+2 different ~~1~~ 1 is off

Mission ID: NOAA2 WxWxA Train ~~17308~~ update inertial / expect spikes in data

Penetration number and time

~~101~~ Time code generator 1 is ineffective



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

Flight ID: 060922H		Time Off: 1354 Z		Time On: 1950 Z	
A/C Takeoff		Wx Station Takeoff		A/C Land	
Wx Station Land		Pressure		1008.5 mb	
1014 → 2995 mb		1011.8 mb		30.05 mb	
ATIS		Time		Observation	
Takeoff		1200 Z		10010KT SCT018 29/25 R10/4	
Land		1755 Z		15004KT P6SM 31/24 A3005	
Number		Data Disposition / Date / Quality			
Flight Level Tapes					
Radar Tapes					
Cloud Physics Tapes / CDs					
Video Tapes					
Dropsondes		Good: Bad:			
AXBT					
AXCP					
AXCTD					

Remarks:

060922H

1351Z-1953Z

In 2

Acc 2

RA 159

PSE

P&F

TAI

TDI

missing data: none

No Ashtech

No AH1 or AH2

No KLC

Replay RA 159 W/23Z

from takeoff-135600

1951-1953Z

longing

TDm2 snap through  
the entire flight

TDm3, TAB3 inoperative  
also

TDm1 speculative from

185100Z-192352Z

with not TDm2 - no correction

135300, 0.1, 0

145300, 0.2, -0.4

155300, 0.7, 0.4

165300, 2.7, -0.2

175300, 0.2, -0.3

185300, 0.2, 0.4

195300, 3.7, -0.3

Wind ~~Inter~~ Values

from INE1 way

OUT. No vertical speed data  
from INE1 or INE2