



NOAA P-3 N42RF

Ferry TBPB-KMCF



Flight ID: 060922H

<u>Sensor or system</u>	<u>Number or Name</u>
INE	2
Accelerometer	2
Temperature Probe	1
Dew Point Probe	1 (General Eastern)
Altitude (for vertical wind)	Radar Altimeter 159
Static Pressure	Rosemount Fuselage
Dynamic Pressure	Rosemount Fuselage 1281
Time Source	Micro 99
Constants File	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

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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
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	1955 Z	15004KT P6SM 3/24 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

missing data: none

1351Z-1953Z

Inc 2
Acc 2
RA 159
PSE
P&F
TAI
TOI

No Ashtech
No AH1 or AH2
No KLWC
No play RA 159 w/23Z

from takeoff - 135600
1951-1953Z
longly

TDm2 snap throughout
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 ~~data~~ values
from INGE 1 way
OUT. No vertical speed data
from INGE1 or INGE2