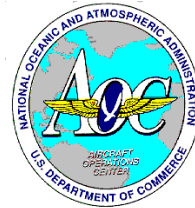




# N49RF ERROR SUMMARY

## Sonde/TDR IMU Test KMCF-KMCF

22 July 2015



**Flight ID: 20150722N1**

Sensor or system

Static Pressure Probe  
Dynamic Pressure Probe  
Total Temperature Probe  
Dewpoint Temp. Probe  
Vertical Accelerometer  
Altimeter  
INE Selection  
Differential Attack Pressure Probe  
Differential Sideslip Pressure Probe  
Dynamic Attack Pressure Probe  
Dynamic Sideslip Pressure Probe  
Flight Directory

Number or Name

PSM.2  
PQM.2  
TTM.4  
TDM.2  
AccZI-GPS.1  
AltGPS.3  
INE1  
PDALPHA.1  
PDBETA.1  
PQALPHA.1  
PQBETA.1  
acdata/MET/2015/20150722N1

Local Met Data:

Aircraft Static Pressure  
Tower Pressure (corrected)

Takeoff (1734Z)

1014.0 mb  
1016.2 mb

Landing (2021Z)

1011.2 mb  
1015.2 mb

Notes:

TDM.2 was used as the source dewpoint sensor and ALTGPS.3 (Novatel) was used as the altimeter source for calculations.

Roll oscillation was again evident. The short period (approx 10 sec), small amplitude (approx 0.40 deg) signal was dominant but there continues to be great variability in both period and amplitude of the oscillation.

There were no data gaps and all other sensors performed well throughout the mission.

Expendable Type	Number deployed	Number good	Number of messages transmitted
GPS dropwindsonde	14	13	4

Flight Director:  
Phone #:

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