

## U.S. Dep't. of Commerce / NMAO / NOAA / Aircraft Operations Center

FLT ID: 2013061141	From: KMQY	To: KMQY
FLT #:	Blk In: 2301 z	Lnd Time: 2255 z
ETD: 1500 z	Blk Out: 1624 z	T/O Time: 1629 z
ETE: 7400	Total Blk: 6.6	Total Flt: 6.4
Sponsoring Org: GAN	Program: SENEX	Purpose: SENEX - ACABM

## AOC Flight Crew

Aircraft Commander: KIRBY	Data System: BOSKO
Co-Pilot: MARTIN /	Avaps:
Navigator: SLOAN /	System Engineer:
Flight Eng: DARBY / HEYSTEK	AA:
Flt Director: SEARS /	AA:
Avionics: CARPENTER	Crew Chief:

Participating Scientists, Visitors, & Add'l Aircrew on back. # of people listed on back:

	A/C - Takeoff	Wx Station - Takeoff	A/C - Land	Wx Station - Land
Pressure				

ATIS - Takeoff				
ATIS - Land				
Data Source	Number	Data Disposition / Date / Quality		
Flight Level Tapes				
Radar Tapes				
Dropsondes		Good:	Bad:	Sent:
AXBT				

List other data sources on back in Remarks section.

Remarks (Storm Name, Mission ID, Recco Times, Fix Times)	Recco Times:	Fix #	Fix Time
Storm Name: SENEX 4			
Mission ID: _____			

- DELAY
- ABORT ON RONWY - ASYM FLAPS
- ORIGINAL BLOCK 1455

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**Remarks:**



# N42RF ERROR SUMMARY

## SENEX 2013 KMQY

### 11 June 2013



Flight ID: 20130611H1

<u>Sensor or system</u>	<u>Number or Name</u>
Static Pressure Probe	PSM.2
Dynamic Pressure Probe	PQM.2
Total Temperature Probe	TTM.1
Dewpoint Temp. Probe	TDM.2
Vertical Accelerometer	AccZI.1
Altimeter	AltIGPS.1
INE Selection	1
Differential Attack Pressure Probe	PDALPHA.1
Differential Sideslip Pressure Probe	PDBETA.1
Dynamic Attack Pressure Probe	PQALPHA.1
Dynamic Sideslip Pressure Probe	PQBETA.1
Flight Directory	acdata/MET/2013/20130611H1

Local Met Data:	Takeoff (1629Z)	Landing (2255Z)
Aircraft Static Pressure	997.7mb	995.7mb
Tower Pressure (corrected)	999.4mb	997.9mb

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Notes:

TDM.3 was unavailable for this flight.

After the aircraft returned to MacDill AFB, a few instruments that were installed on N42RF were removed and calibrated in the AOC calibration laboratory. The final Quality Control data sets use the post project calibration coefficients for determining the output of the instruments.

The following parameters that have been updated from the original data set follow.

PDALPHA.2 - Radome Attack Differential Pressure Measured  
PDBETA.2 - Radome Sideslip Differential Pressure Measured  
PDALPHA.1 - Fuselage Attack Differential Pressure Measured  
PQALPHA.1 - Fuselage Attack Dynamic Pressure Measured  
PDBETA.1 - Fuselage Sideslip Differential Pressure Measured  
PQBETA.1 - Fuselage Attack Dynamic Pressure Measured  
PQM.3 - Measured Fuselage Dynamic Pressure, Two Sources --co-pilot  
PQM.4 - Radome Dynamic Pressure Measured  
TTM.1 - Measured Total Temperature Degree  
TTM.2 - Measured Total Temperature Degree

Any derived value using the outputs from the measured parameters listed above have changed slightly from the values measured in real-time.

See SENEX\_READ\_ME.txt for file information.

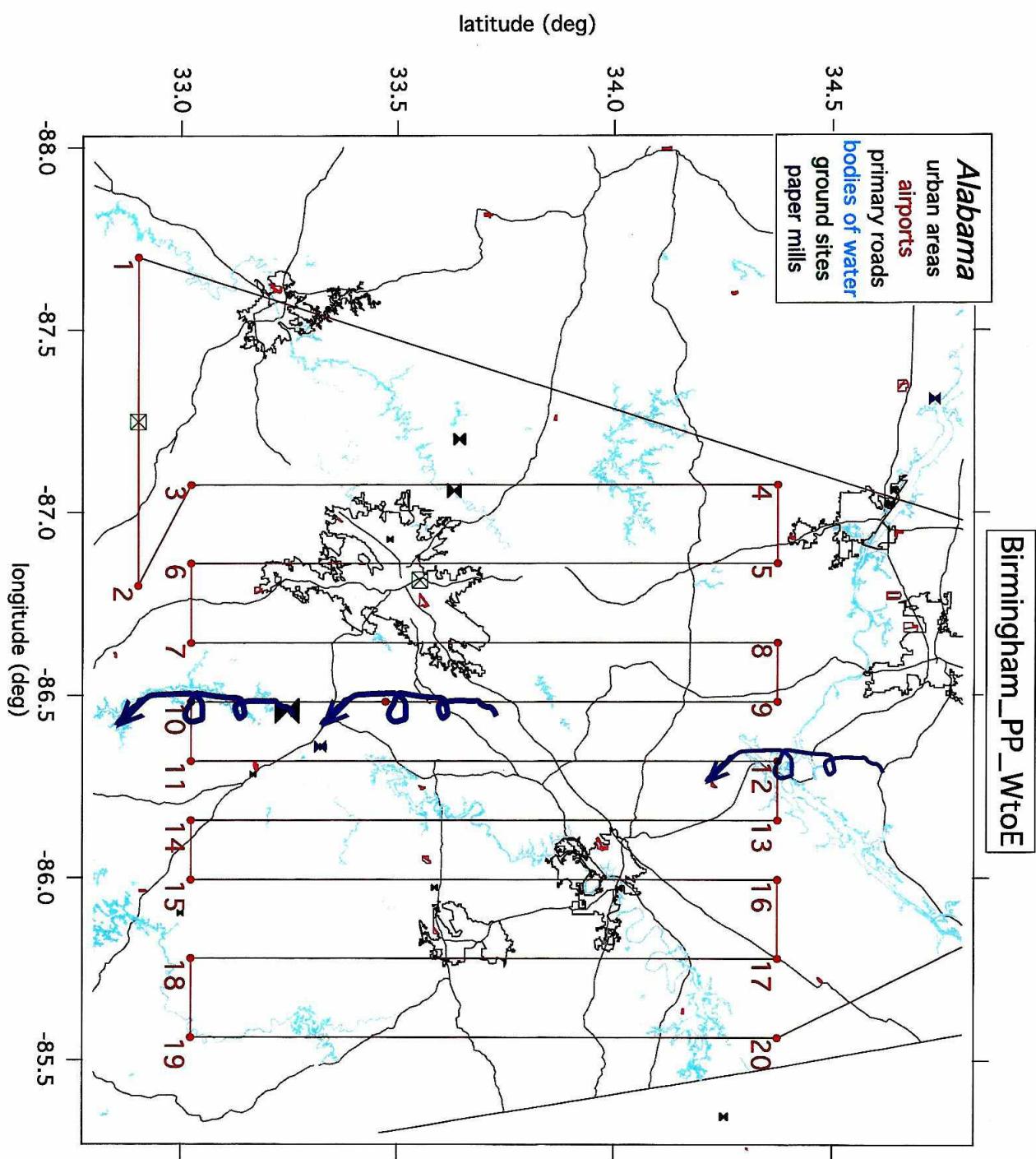
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Flight Director:

Phone #:

Ian Sears

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Birmingham\_PP\_WtoE