

Flt ID: 030522H	From: KBLV	To: KBLV
Flt No: 03-08	Blk In: 2146	ATA: 2141
ETD: 2000Z	Blk Out: 1950	ATD: 2001
ETE: 2+00	Blk Time: 1.9	Flt Time: 1.7
Sponsor Org: NOAA/NSSL	Program: BAMEX	Purpose: INTERCOMPARISON FLIGHT

AOC Personnel

AC: KENNEDY, P	Sys Eng: MC MILLAN, S
CP: STRONG, T	Data Sys: PEEK, B
Nav: ADLER, J	Radar:
FE: BAST, G	GPS/BT:
FD: SHEPHERD, T / FLAHERTY, P	Cid Phys:
Avionics: SANS SOUCI, D	

Participating Scientists / Visitors / AOC

Name (Last, First)	Activity on Aircraft	Affiliation
ZIEGLER, P	PI	NOAA/NSSL
DAUGHERTY, J	RADAR	NOAA/NSSL
HUEFTLE, B	RADAR	NOAA/NSSL TODAY ANYWAY
RAUBER, BOB	CLOUD 4 P	U of ILLINOIS
JEWETT, BRIAN	OBS	U of ILLINOIS
✓ MENA, J	MEDIA	NSF
✓ FRAUENK B	MEDIA	ST LOUIS DISPATCH

Proposed/Actual Mission Remarks (Recco, Fixes, Storm, PENET, NHOP #)

Navy 587

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

AOCWR2

Flight ID:

030522H

Time Off:

2001

Time On:

2141

A/C (Take Off)

Wx Station (Take Off)

A/C (Land)

Wx Station (Land)

Pressure

1004.7

30.16

1003.9

30.14

Number

Data Disposition / Date / Quality

Flt Lvl Tapes

2

TRS

Radar Tapes

1

John Dougherty NSSL

Cloud Physics Tapes

CD

"

Video Tapes

3

"

AXBT

AXCP

AXCTD

Dropsondes

Video

Forward

Left Side

Right Side

Down

Remarks

Time On

Time Off

Rate

Remarks



**NOAA P-3 N43RF
BAMEX 2003
Intercomparison Flight**



Flight ID: H030522

<u>Sensor or system</u>	<u>Number or Name</u>
INE	2
Accelerometer	2
Temperature Probe	1
Dew Point Probe	1
Altitude (for vertical wind)	Pressure Altitude
Static Pressure	Rosemount Fuselage
Dynamic Pressure	Rosemount Fuselage
Time Source	Micro 99
Constants File	CO2031.CON

Take off: 2001Z

Land: 2141Z

Notes:

There were no time gap in the data..

APN-159 was used for surface pressure calculations. APN-232 was substituted for APN-159 from 195801-200700 and from 212100 -214400 due to spiking.

All instruments worked optimally during the flight.

The aircraft INE positions were renavigated with respect to GPS.

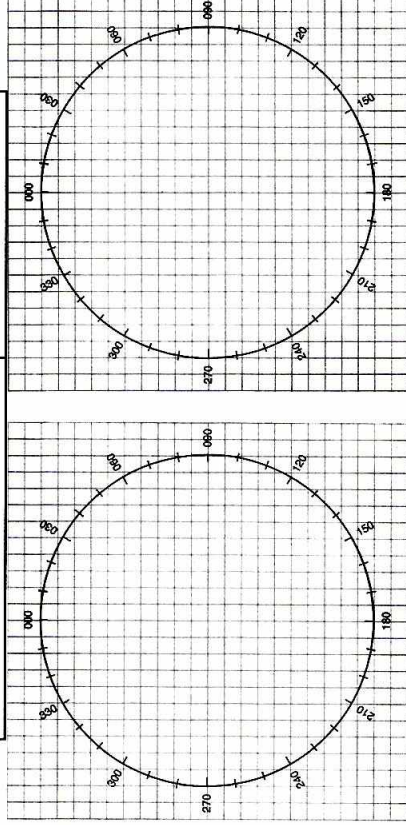
SPECIAL NOTE!!! Locations 80, 81 and 82 of record five on the standard tape contain vertical ground, vertical air and vertical speeds, respectively, computed using Dave Jorgensen's vertical wind algorithm.
It is recommended that these values be used for vertical wind analysis.

	Takeoff	Landing
Aircraft Static Pressure	1004.7 mb	1003.9mb
Corrected Tower Pressure	1021.3mb	1020.7 mb

Flight Director:
Phone #:

Tom Shepherd
(813) 828-3310 ext. 3053

MISSION LOG	PAGE ____ OF ____
-------------	-------------------

[illegible]

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 _____

- 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 DESIRÉE
BUT INTENTIONS**

- PILOT INTENTIONS
- WE HAVE
- ENDURANCE REMAINING

[illegible]