

Flt ID: 010905I	From: MMBT	To: MMBT
Flt No: 01-047	Blk In: 2143Z	ATA: 2139Z
ETD: 14Z	Blk Out: 1359Z	ATD: 1405Z
ETE: 2200Z	Blk Time: 7:44 7.7	Flt Time: 7:34 7.6
Sponsor Org: NOAA	Program: EPIC	Purpose: MISSION #2

AOC Personnel

AC: KENNE, P ✓	Sys Eng: GOLDSTEIN, A ✓
CP: TEBEST, R ✓ / HALVERSON, H ✓	Data Sys:
Nav: ADLER, J ✓	Radar: BARR, J ✓
FE: WADE, S ✓ FLYO, D	GPS/BT: SMITH, J ✓
FD: C2Y2YK, S ✓	Cld Phys:
Avionics: SANS, SOUT, D ✓	

Participating Scientists / Visitors / AOC

Name (Last, First)	Activity on Aircraft	Affiliation
RAYMOND, D ✓	PI	N.M. TECH
CARILLO, C ✓	RADAR	U
FUCHS, Z ✓	SCIENTIST	U
BRETHERTON, C ✓	U	U OF WASH
McGAULEY, M ✓	U	U OF MIAMI

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

TIME CHECK
COMP DATA

INEZ SUCKS

BAL DW#1 151135Z
BAL DN#2 151440Z

GPS HOSED 1523Z
RA-159 OFF 1620Z-

Flt ID: 010905I Time Off: 1405Z Time On: 2139Z

	WC (Data On)	WC (Data Off)	WC (Land)	WC (Sea) (Land)
Pressure	996.6	29.95	993.2	29.86

	Number	Data Disposition / Date / Quality
Flt Lvl Tapes	2	
Radar Tapes	1	to RAYMOND
Cloud Physics Tapes	1	FSSP FLOPPY TO RAYMOND DATA FROM 1ST TWO FLIGHTS
Video Tapes	2	to RAYMOND
Flt Lvl Chosen	1	FLOPPY TO RAYMOND
AXBT		
AXCP		
AXCTD		
Dropsondes	12	CD TO RAYMOND

	Forward	Left Side	Right Side	Down	Remarks
Time On					
Time Off					
Rate					

Remarks

NOAA • AOC • SED
N43RF AVAPS DROP LOG

Project : Hurricane '01 / Epic

Mission : #2

Flight ID : Ø10905i

Take Off: 14:05

Landing : _____

[illegible]

010905I

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

Form 413-50

[illegible]

RENAV

144800	-0.5, -0.3	13 19.2	-95 3.7
154700	0.9, -0.2	11 16.5	-92 59.3
164700	1.5, -1.0	8.2	-93 43.9
175000	-0.1, -0.1	11 50.4	-94 20.0
185500	-1.0, -0.1	90.7	-95 40.0
200200	-2.0, -0.4	10 7.8	-97 0.4
211000	-2.4, -0.3	14 33.0	-96 30.5
214400	-4.4, 1.2	15 46.4	-96 15.4

✓
 GX-3mGPS SPIKES 1406:30-1407, 1421-1421:30, 1441-1446:30, 1502:30-1503,
 1557-1558, 1559-1559:30, 1601-1601:30, 1606-1606:30, 1614-1614:30, 1733:30-1734,
 1744-1744:30, 1830:30-1831:30, 1838:30-1839, 1858:30-1859, 1903-1903:30,
 1942:30-1943, 2127:30-2128, 2129-2129:30, 2132:30-2133,

GX-3mGPS + GX-3mGPS
 OUT 1520:50-1552:10

GX-3mGPS SPIKES 1406:30-1407, 1426-1427, 1440-1441, 1446-1446:30, 1502:30-1503,
 1506-1506:30, 1557-1559:30, 1607:30-1608:30, 1613:30-1614:30, 1746:30-1747:30,
 1808:30-1809, 1830:30-1839:30, 2007:30-2009:30, 2052:30-2053, 2127-2128
~~2142-2143~~

PAINE PROBS AT TIMES

010905H

1405-2139

1508-2126

From 1402-2142

AV2

DW2 (EDGE TECH)

INE1

TH1

RA-159 SPIKE 1703:00 - 1703:30 X
RA-159 SPIKE @ TAKE OFF BEGIN - 1406:04 X
2 LANDING 2137:23 - END X

SYSTEM DOWN 1708:05-1708:12??

SPIKE IN PHEN2 1407-1411 (3) + ROLL 2 ✓

SPIKES IN PS DUE TO PITCH CHANGES

DW2 (GEN. EAST) OSCILLATING

AL DW1 1511-1513:30

DW2 1514-1516:30, DIP 2046-2046:30 X

1514:22-1516:53 X - 0.65 +

653MGPS OUT 1521-1553 ??

LATEPS OUT 1521-1553 ??

LAT. GPS SPIKES 1418-1419, 1420:30-1421:30, 1426-1427(2), 1433-1434, 1440-1441(2),
1443-1444(2), 1446-1448(2), 1502:30-1503(2), 1553:30-1554, 1558:30-1559,
✓ 1602:30-1604(2), 1607-1608:30(3), 1617:30-1619(3), 1631:30-1632:30,
1634:30-1635:00(2), 1705:-1705:30, 1712-1712:30(2), 1733-1734, 1744-1745,
1751-1752, 1812-1813, 1821:30-1822:30, 1827:30-1828:30, 1846:30-1847:30,
1901:30-1902, 1908-1909(2), 1931-1934(4), 1942:30-1943, 2009-2011:30(3),
2016-2017, 2024-2025(2), 2026-2027(2), 2044:30-2046(2),
2050:30-2051:30, 2059-2059:30, 2115:30-2116:30, 2127-2130(3),

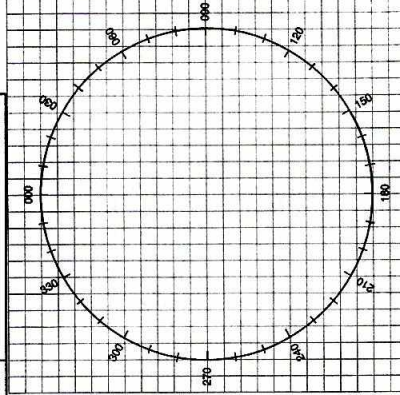
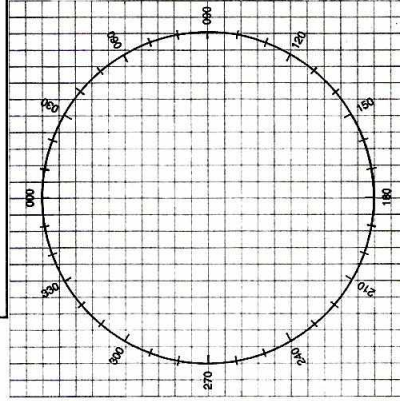
COM-GPS 1406:30-1407, 1420:30-1421:30, 1426-1427, 1433-1434,
✓ 1440-1447(7), 1502:30-1503(2), 1506-1507(2), 1517-1518, 1639-1640,
2044:30-2046(2), ~~2051-2051:30~~, ~~2059-2059:30~~, 2115:30-2116:30,

MSL-GPS 1406:30-1407, 1502:30-1503, 1506-1507(2), 1557-1600,
✓ 1613-1615, 1746-1748, 1808-1809, 1830:30-1831:30, 1841-1842,
1858:30-1859, 1911:30-1912:30, 1902-1904, 2052-2053:30,
2105:30-2106:30, 2134:30-2135

RA-232 DIP 1437:00-1438:00, 1449-1450, 1505:30-1506:30, 1620:30-1623:30, ✓

10591

CLEARANCES

[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 _____
 _____ E/W AT _____ Z _____

- HEADING _____ TRUE/MAG _____
- AT _____ KTS TRUE/INDICATED _____

- FLIGHT LEVEL OR ALTITUDE _____
WE ARE A B-2 AIRCRAFT WITH

- WE ARE A F-3 AIRCRAFT WITH _____ COPIES ON BOARD
- NATURE OF EMERGENCY

- ASSISTANCE DESIRED
- PILOT INTENTIONS

- WE HAVE _____ ENDURANCE REMAINING

[illegible]

1655

[illegible]