

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

AOCWF1

Flt ID: 010916I	From: MMBT	To: MMBT
Flt No.: 01-051	Blk In: 2239Z	ATA: 2234Z
ETD: 1430Z	Blk Out: 1430Z	ATD: 1438Z
ETE: 2200Z	Blk Time: 8:09 8.2	Flt Time: 7:56 7.9
Sponsor Org: NOAA	Program: EPIC	Purpose: ITCE LAWNMOWER MISSION #6

AOC Personnel

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

Participating Scientists/Visitors/AOC

Name (Last, First)	Activity on Aircraft	Affiliation
CARILLO, C ✓	P.I.	NM TECH
BOND, N ✓	SCIENTIST	PMEL
SHAY, N ✓	"	U OF MIAM
JACOB, D ✓	"	"
COOK, T ✓	"	"

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

BAL DW#1 1510:05

DW3 OUT ~1440Z

DW3 ON 1805Z

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

AOCWF2

Flt ID: 010916I	Time Off: 1438Z	Time On: 2234Z		
	A/C (Take Off)	Wx Stn (Take Off)	A/C (Land)	Wx Stn (Land)
Pressure	996.6	29.92	992.9	29.88

	Number	Data Disposition/Date/Quality
Slow/Fast Flt Lvl Tapes	2	
Radar Tapes	1	
Cloud Physics Tapes	1	
Video Tapes	2	
Flt Lvl Data Printout	2	
DRUPSONDE DATA CD	1	
FL PARAM FLOPPY	1	
AXB T		
AXCP	20	5 BAD
AXCTD	20	8 BAD
GPS	29	7 BAD

Video					
	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 : EPIC #6

Flight ID : 0109161

Take Off : _____

Landing : _____

[illegible]

991845365 MARKED AS 990845365 ON CASE

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Flight ID: 010916I

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Form 413-50

TIME	LAT	LONG	TK	HD	TA	TD	WD	WS	PA	GA	PS	SP	REMARKS	
200510	8 00	96 20	268	271	16.6	11.2	306	9.7	1816	1888		NO WIND	GPS/CTD12	(35)
201105	8 06	96 40	269	272	16.2	12.0	310	9.1	1815	1888	813.4	1010.5	CP14	(36)
201818	8 06	96 59	358	355	15.6	14.3	279	15.2	1816	1892	813.3	1010.5	CP16/GPS	(37)
202533	8 30	97 00	359	358	15.7	13.2	262	11.0	1815	1889	813.4	1010.8	CTD12	(38)
202915	8 40	97 00	359	359	15.0	13.6	242	7.0	1815	1887	813.4	1010.9	CP/GPS	(39)
204301	9 30	97 00	359	0	15.5	12.2	223	2.8	1816	1887	813.3	1010.6	CTD16	(40)
205144	10 00	97 00	0	0	15.9	13.1	224	4.4	1814	1882	813.4	1009.8	CP/GPS	(41)
210010	10 30	97 00	0	1	16.9	11.7	340	3.5	1830	1901	811.8	1009.5	CTD14	(42)
210855	11 00	97 00	0	2	16.8	12.1	5	4.8	1832	1899	811.7	1009.2	CP16/GPS ^m wind	(43)
211100	11 07	97 00											BPS	(44)
211734	11 30	97 00	0	2	17.7	11.4	21	5.3	1829	1897	812.0	1009.7	CTD12	(45)
212616	12 00	97 00	0	3	16.5	12.5	32	6.0	1828	1897	812.1	1009.4	CP/GPS	(45)

010916I

1438-2234
1444-2224

RENAV

153800	-0.3,	-0.1	12 43.2	-93 35.6
161500	1.2,	-0.4	10 39.2	-92 60.0
170000	0.7,	-0.5	8 0.2	-93 5.3
174700	1.6,	-0.7	9 34.0	-94 20.0
183700	1.5,	0.0	12 6	-94 57.0
192000	0.9,	-0.2	10 5.3	-95 40.4
201400	1.7,	-0.2	7 59.9	-96 49.7
210000	-1.3,	0.2	10 29.3	-97 0
213500	-0.4,	-0.1	12 33.4	-96 53.6
223900	-3.4,	0.9	15 46.6	-96 15.4

AVZ

DWZ

INEI

RA-159

TI)

RA-159 SPIKE AT TAKEOFF REPLACE W/232 BEG-1438.34 X
 " LANDING " 2232.34-END X

OUT??? ALL 1955-1957 X

RA-159 SPIKES 1513-1513:30, ~~1749:30-1750~~, ~~1756-1756:30~~, ~~1803-1803:30~~, 2130-2130:30 X~~BAL DWI, DWZ, DW3 1449:20-1449:50~~

REMOVE

BAL DWI 1510-1511:30 ✓

DWI OSCILLATING MUCH OF FLIGHT ✓

DW3 OUT 1630-1805 ✓

DWI REPLACE W/DWZ BEG-1529

DWI OVERSHOOTS 162840-162850

CHECK AGW W/AMBIENT

~~53M6PS 1500:30-1501, 1509-1510, 1546:30, 1547:30, 1611-1612, 1624-1625,
 1656-1656:30, 1723:30-1724:30, 1732:30-1733:30, 1746:30-1747,
 1758:30-1801:30, 1811-1812, 1837-1838, 1903-1904, 1922:30-1923,
 1935:30-1936:30, 1950:30-1951:30, 2002-2003, 2008:30-2009:30,
 2224:30-2225~~

CX 3M6PS 1446:30-1447, 1449-1449:30, 1500-1500:30, 1509:30-1510, 1521:30-1522:30,
 1601-1601:30, 1611-1611:30, 1628:30-1630:30, 1651-1651:30, 1731:30-1732,
 ✓ 1735:30-1736, 1737-1738, 1744:30-1745, 1746:30-1747, 1811-1811:30,
 1813-1813:30, 1818-1818:30, 1837-1838, 1836-1936:30, 1953:30-1954,
 2002-2003, 2008:30-2009:30, 2134:30-2135, 2148:30-2149:30, 2233-2233:30

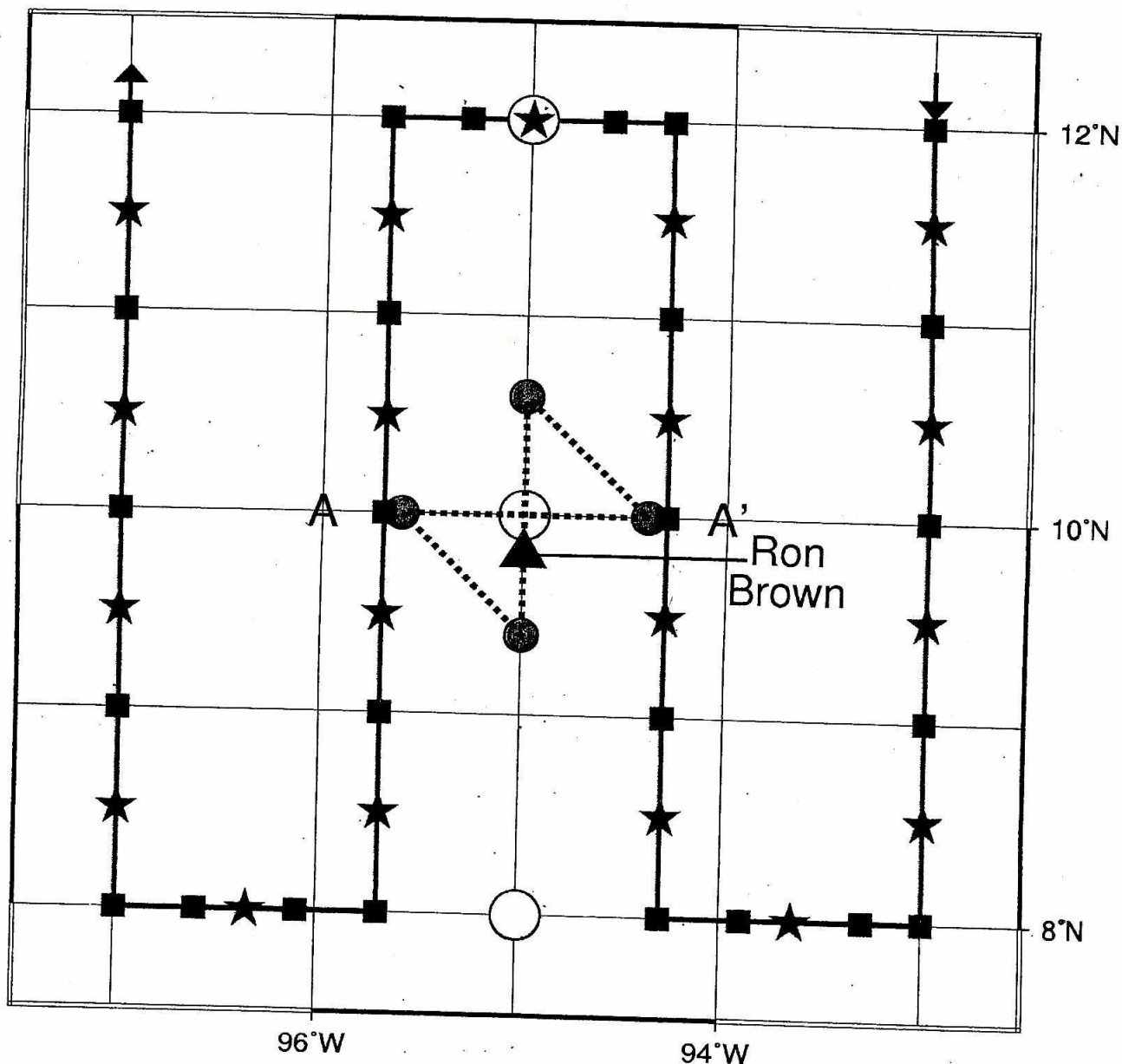
64326PS 1446:30-1447:30, 1452:30-1453:30, 1500:30-1501, 1509-1510,
1546:30-1547:30, 1611-1612, 1624-1624:30, 1631-1631:30, 1656-1656:30,
✓ 1723:30-1724, 1732:30-1733, 1738-1738:30, 1746:30-1747, 1758:30-1800:30,
1811-1812, 1839-1839:30, 1922:30-1923, 1935:30-1936, 1953:30-1954
2008:30-2009:30, 2014-2015, 2126:30-2127:30, 2129-2129:30,

LAT6PS 1440:30-1441, 1453-1453:30, 1455-1455:30, 1511-1511:30, 1515-1516, 1518-1519,
1529:30-1530, 1540-1540:30, 1551-1551:30, 1554-1554:30, 1558-1559,
1601-1601:30, 1602:30-1603, 1609:30-1610, 1611-1612, 1624-1624:30, 1631-1631:30,
1632:30-1633:30, 1644-1645, 1645:30-1646:30, 1651-1652, 1656-1656:30,
1723:30-1724:30, 1731-1732, 1733:30-1734, 1738-1738:30, 1744-1745,
✓ 1807:30-1808, 1818-1818:30, 1820-1820:30, 1824:30-1825, 1853-1853:30,
1903-1904, 1914-1915, 1919-1919:30, 1923:30-1924, 1935-1936:30, 1941:30-1942:30,
1947:30-1948:30, 2026-2027, 2031-2032, 2042-2042:30, 2048-2048:30,
2052-2053, 2100:30-2101:30, 2109:30-2110, 2110:30-2111, 2118:30-2119:30,
2126:30-2127:30, 2129-2130, 2136-2137, 2141-2141:30, 2148:30-2149:30,
2153:30-2154, 2203-2203:30, 2211-2212, 2220-2222(2), 2224:30-2225

CONCPS 1440:30-1441, 1453-1453:30, 1455-1455:30, 1511-1511:30, 1515-1515:30,
1518:30-1519, 1529-1530, 1540-1540:30, 1551-1551:30, 1700-1701,
✓ 1835:30-1938(2), 1844-1844:30, 1953:30-1954, 2002-2003, 2009-2009:30,
2014-2015, 2126:30-2127:30, 2129-2130, 2136-2137, 2141:30-2142, 2148:30-2149:30(2),
2153:30-2154, 2203-2203:30, 2220-2221:30, 2233-2233:30,

PAL6PS 1440:30-1441, 1446:30-1447:30, 1452:30-1453:30, 1500:30-1501:30,
✓ 1509:30-1510, 1546:30-1547:30, 1611-1612, 1626:30-1627:30, 1732:30-1733:30,
1735-1737:30, 1746:30-1747:30, 1922:30-1923:30, 2105-2107, 2134:30-2135:30,

ITCZ / Ocean Grids



AXCP/GPS

* AXCTD

○ TAO Bouys

△ Ron Brown

..... New Horizon

} @ 95mb, takes 6.3hr

} ships

(45 probes - 26 CPJ
19 CTOS)

+ 2 CPJ
1 CTOS

spans

48 probes

Note, when we do ITCZ, probes will be AXBTs only } 48 probes

16 SEP 91 1430 1437

WP	LAT / LON	RTE	MH	VAR +E==>	TH	DR +R==>	TRK	GS	WD	WS	ALT	TAS	LEG / TOT DIST	LEG / TOT TIME	PROP ETA	ETA	ATA	REMARKS

INS PERFORMANCE		INS 1	INS 2
BEGIN ALIGN TIME		1237	1237
ALIGN STATUS (0-5)		0	0
END NAV TIME		2234	2234
START NAV TIME		1412	1412
DELTA T		8422	8422

TERMINAL ERRORS		
	INS 1	INS 2
DELTA LAT	-3.9	-5.6
DELTA LON	+4.6	+1.3
RGS	S	S
RADIAL ERROR	4	6

[illegible]