

FLT ID: 950607H	FM: KMCF	TO: KMCF
FLT NO: 95-10	BLK IN: 00012	ATA: 2355Z
ETD: 2130Z	BLK OUT: 2112Z	ATD: 2122Z
EYE: 3+00	BLK TIME: 2149 (2.8)	FLT TIME: 2133 (2.5)
SPONSOR ORG: AEL	PROGRAM: OZONE '95	PURPOSE: TEST FLT. (EQUIP./SYS.)

OAO PERSONNEL

AC Ticknor	SYS ENG Roles
CP Keas	DATA SYS McNamara
NAV Kozak	RADAR Lynch
FE Torrey/Wade	BT/ODW
RADIO	CLD PHYS
FD Bogert	DOPPLER

PARTICIPATING SCIENTIST/VISITORS/OAO

LAST, FIRST NAME	ACTIVITY ON A/C	AFFILIATION
Hubler, Gord	P.I.	NOAA/AEL
Sheridan, Pat		CU/CRES
Holloway, John		"
Kuster, Bill		NOAA/AEL
Buhr, Marty		CU/CRES
Ryerson, Tom		
Jobson, Tom		
Murphy, Paul		

PROPOSED/ACTUAL MISSION/REMARKS (RECCO, FIXES, STORM, PENET, NHOP #)

Low-Level to Tallahassee & Return to St. Pete;
High-Level

19 S.O.B.

Zaucer, Fritz

Williams, Jonathan

DP BAL @ 2143Z;

QUA 29.23/1013.0

SP - RAD (1012)

PS - 1012.3

* TWZ LOOKS BAD ~20°
WARM

* 2232Z ONG TO TT2

U.S. DEPT. COMM./NOAA/OAO - DATA SECTION WORK FORM NO. 2 DROWF2 FILE

FLT ID: 950607H TIME OFF: 2122Z

TIME ON: 2355Z

	A/C T/O	WX STN	A/C LAND	WX STN
PRESSURE				

NO DATA DISPOSITION/DATE/QUALITY

1/SEC FLT LVL TAPES	1	
FAST FLT LVL TAPES	1	
RADAR TAPES	Ø	
DOPPLER TAPES	Ø	
ODW CASSETTES	Ø	
HARD COPIES	Ø	
AXBT	Ø	
AXCP	Ø	
ODW	Ø	

PHOTOGRAPHY

	FWD	LS	RS	VERT
ON				
OFF				
RATE				

REMARKS

[Faint handwritten notes and markings are visible in this section.]

950607H

Time	LAT		LONG		TRK	WD	WS	TA	Td	PA	CA	SP	PS ₂	PQ ₂
2150Z	29	17 01	82	50 01	333	257	16	24.6	20.1	340	352	119	973	29.9
2217	29	58	83	52	149	256	21.7	25.9	19.5	342	353	123	973	28.0
2246	28	19	82	56										
2256	27	55	83	01	280	279	10.3	-16.0	-41.0	7031	7447	120	409	60.0
2326	27	55	83	59	360	050	7.1	5.4	-14.8	3640	3845	140	446	61.2

~~2227Z~~ Low LVL WATER

2230Z Highest ALT ✓ TO 29K

2315Z TURN 180° RET. MCF

090° TRK @ 2317Z

~~2401~~
2112
249

2401
2112
289
329

9506074

<u>Time</u>	<u>GPS POSIT</u>	<u>INE#2 CORR.'S</u>
1.) 214600Z	2904.6 -8242.6	-0.3 +0.2
2.) 223530Z	2854.8 -8319.9	-0.8 +0.6
3.) 230600Z	2757.6 -8354.5	-1.0 +0.3
4.) 234500Z	2752.2 -8307.0	-1.5 +1.1
5.) 235530Z	2751.5 -8230.7	-1.5 -1.7 -1.2

OZONE-95

FLIGHT: TEST FLIGHT AT MacDill AFB Fl.

TYPE OF DATA	SENSOR OR OPTION
INE	2
Accelerometer	2
Temperature probe	2 ✓
Altitude change option (for vertical winds)	RA-159
Static pressure	Rosemount fuselage
Dynamic pressure	Rosemount fuselage
Time source	Micro 29
Constants file	CO2951.CON

Notes:

There were no data/time gaps:

INE#2 was utilized on this flight and was re-navigated using 05 GPS positions for renav.

TW2 appeared about 20deg. too warm throughout the entire flight.

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.

	Take off	Landing
Aircraft static pressure	1012.3mb	--
Corrected tower pressure	1013.0mb	--

Flight Meteorologist: Philip D. Bogert, (813) 828-3310 X3072

