

FLT ID: 950722FI	FM: KBNA	TO: KMCF
FLT NO: 95-033	BLK IN: 1904	ATA: 1858
ETD: 1700Z	BLK OUT: 1648Z	ATD: 1654Z
ETE: 2+15	BLK TIME: 2416 (2.3)	FLT TIME: 2404 (2.1)
SPONSOR ORG: NOAA	PROGRAM: OZONE 95	PURPOSE: FERRY Home..

DAO PERSONNEL

AC: Phillipsborn ✓	SYS ENG: Tradas ✓
CP: O'Mara ✓	DATA SYS: ✓
NAV: Rothburn ✓	RADAR: ✓
FE: Torrey / Wade ✓	BT/ODW: ✓
RADIO: Alanson ✓	CLD PHYS: ✓
FD: Boget ✓	Boget Kinney ✓

PARTICIPATING SCIENTIST/VISITORS/DAO

LAST, FIRST NAME	ACTIVITY ON A/C	AFFILIATION
Hubler	P.I.	cu/cires / NOAA
Sheridan		
Buhr		
Goldan		
Ryerson - Torson		
Zucker - Holloway		
Parrish		
Williams	19 S.O.B.	

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

BNA

QNH - 3000/1015.5 mbs
 PS - 993.2 mbs
 SP - 992.5 mbs

MCF

QNN - 3007/1017.6 mbs
 PS - 1018.4
 SP - 1021.5

U.S. DEPT. COMM./NOAA/OAO - DATA SECTION WORK FORM NO.2 OAOWF2 FILE

FLT ID: 950722T TIME OFF: 1654 Z TIME ON: 1858 Z

	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	Ø			
RADAR TAPES	1			
DOPPLER TAPES	Ø			
ODW CASSETTES	Ø			
HARD COPIES	Ø			
AMS DAT	1			
AXBT	Ø			
AXCP	Ø			
ODW	Ø			

PHOTOGRAPHY

	FWD	LS	RS	VERT	
ON	✓	✓	✓	✓	
OFF	✓	✓	✓	✓	
RATE					

REMARKS

Time	LAT	LONG	TRK	WD	WS	Ta	Td	PA	GA	SP	Ps	PQ
171415Z		@ 23K	MSL		(w/ CALS)	...						
1722	34	35	85	46	160	241	12.1	-13.4	-32.3	7026	7092	964 409 72.4 (23K)
1840	28	23	83	06	149	328	3.6	7.7	2.9	3298	3522	120 675 91.2

OZONE-95

FLIGHT #20 950722H FERRY/MISSION FLIGHT.

TYPE OF DATA	SENSOR OR OPTION
INE	1
Accelerometer	1
Temperature probe	1
Altitude change option	PA
(for vertical winds)	
Static pressure	Rosemount fuselage
Dynamic pressure	Rosemount fuselage
Time source	Micro 29
Constants file	CO2951.CON

Notes:

There were no data/time gaps:

INE#1 was utilized on this flight and was renavigated using 05 GPS positions for renav.

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	993.2mb	1016.4mb
Corrected tower pressure	1015.5mb	1017.6mb

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

^{INE} 1

7/22/95

* RENDU *

950722H

① 171100Z	35 22.5	+0.2
	86 07.5	+0.3

② 173700Z	33 18.7	+0.5
	85 18.5	+0.3

③ 181100Z	30 31.4	+0.6
	84 20.5	-0.3

④ 183800Z	28 30.5	+0.8
	83 05.8	+0.2

⑤ 185730Z	27 50.3	+0.9
	82 30.9	+0.1

[illegible]

The top diagram shows a circle divided into 12 equal segments, each labeled with a category number (1 to 12). The number of observations for each category is 83.3, indicating a uniform distribution.

The bottom diagram shows a circle divided into 12 equal segments, each labeled with a category number (1 to 12). The number of observations for each category is 83.3, indicating a uniform distribution.

POSITION REPORT

- PILOT INTENTIONS
- WE HAVE ENDURANCE REMAINING

[illegible]