

FLT ID: 950619H	FM: KBLF	TO: KBNA
FLT NO: 95-016	BLK IN: 2256Z	ATA: 2251Z
ETD: 1700Z	BLK OUT: 1703Z	RTD: 1712Z
ETE: 5+30	BLK TIME: 5+53 (5.9)	FLT TIME: 5+39 (5.6)
SPONSOR ORG: NOAA	PROGRAM: OZONE 95	PURPOSE: MISSION/FERRY #4

AC: MCKIM ✓	SYS ENG: Roles
CP: KENAL ✓	DATA SYS:
NAV: KOZAK ✓	RADAR:
FE: WIDE / TORREY ✓	BT/ODW:
RADIO: RYANSON ✓	CLD PHYS:
FD: BOBERT ✓	DOPLER: KINNEY ✓

PARTICIPATING SCIENTIST/VISITORS/OAO		
LAST, FIRST NAME	ACTIVITY ON A/C	AFFILIATION
31. Hubler ✓	P.T.	CU/CRES/NOAA
BURR ✓		
COUDAN ✓		
HOLLOWAY ✓		
JOBSON ✓		
MURPHY ✓		
PARRISH - RYANSON ✓		
47. ROBERTS - COUDAN ✓	19 S.O.B.	

PROPOSED/ACTUAL MISSION/REMARKS (RECCO, FIXES, STORM, PENET, NHOP #)	
QNH - 3004 / 1015.6mb	Ferry w/ MISSION ENR Nashville, TN.
PS - 829.1	TW2 ↓ TTR 3 Looks
SP - 827.0 mbs	TW3 ↓ - 21Z good on TRK 9...
QNH - 2999 / 1015mb	
PS - 896.2	
SP - 895.2	

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

FLT ID: 950619H TIME OFF: 1712Z TIME ON: 2251Z

	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	0	
RADAR TAPES	1	
DOPPLER TAPES	1	
ODW CASSETTES	0	
HARD COPIES	0	
INS	1	
AXBT	0	
AXCP	0	
ODW	0	

PHOTOGRAPHY

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

REMARKS

950619H

Time	Lat	Long	TRK	WD	WS	Ta	Td	PA	CA	SP	PS	PQ
1744Z	39 56	105 30	ENR	KBN/A	(@ 21K OVR FRITZ PK)							
175430Z	@ 15K											
1801Z	39 21	104 12	139	201	17.5	-1.3	-23.8	4535	2911	818	575	76.5 (15K)
182430Z	@ 20K											
1906	37 28	99 07	100	228	7.6	7.0	-1.0	2744	2252	950	736	73.3
~194630Z	@ PT 'B'											
1947Z	36 26	96 01	089	168	7.3	21.5	14.1	806	688	992	920	74.5
2030Z	36 20	93 45	090	221	2.5	-0.6	-18.4	3519	3511	971	637	71.5
2100	36 20	91 21	088	358	7.3	22.6	14.4	737	616	996	927	84.9
2157	36 13	87 32	076	037	34.5	-4.7	-6.9	4317	4357	-	563	60.1

OZONE-95

FLIGHT #04 950619H Ferry/Mission enr. KBNA

TYPE OF DATA	SENSOR OR OPTION
INE	2
Accelerometer	2
Temperature probe	1
Altitude change option (for vertical winds)	PA
Static pressure	Rosemount fuselage
Dynamic pressure	Rosemount fuselage
Time source	Micro 29
Constants file	CO2951.CON

Notes:

There were no time/data gaps on this flight.

The aircraft INE#2 positions were renavigated utilizing 10 GPS positions.

Time Code Generator#2 down after 20000Z.

A.O.C. dewpointers TW#2 and TW#3 not doing too well after 2100Z. Used TW#1 for post flt processing...

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	829.1mb	996.2mb
Corrected tower pressure	1015.6mb	1015.0mb

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

ING#2950619H

<u>Time</u>	<u>GPS POSIT</u>	<u>ING#2 CORR'S</u>
1.) 175300Z	3943.8 -10443.6	-0.4 +0.5
2.) 182530Z	3829.6 -10206.8	-0.4 -0.6
3.) 190400Z	3730.4 -9909.1	-0.3 -0.4
4.) 195430Z	3623.0 -9524.6	-0.7 -1.0
5.) 203500Z	3620.6 -9319.7	-0.1 -0.8
6.) 212230Z	3619.0 -8936.5	-0.6 -1.1
7.) 215300Z	3615.6 -8719.0	-0.1 -1.2
8.) 221900Z	3536.6 -8725.0	-0.3 -0.6
9.) 224030Z	3546.6 -8703.0	-0.8 -1.3
10.) 225130Z 174300Z	3607.0 -8641.0	-0.9 -1.7

Science Coew

June 19th, 1995

Transit Buehley - Nashville

Buhr, Marby

Goldai, Paul

Holoway, John

Hibler, Gerald

Johson, Tom

Murphy, Paul

Parrish, David

Roberts, Jim

Ryerson, ~~Pat~~ Tom

Sheridan, Pat

