

FLT ID: 950621H	FM: KBNA	TO: KBNA
FLT NO: 95-017	BLK IN: 2259	ATA: 2252Z
ETD: 1800Z	BLK OUT: 1758Z	RTD: 1804Z
ETE: 4+30	BLK TIME: 5+01 (5.0)	FLT TIME: 4+48 (4.8)
SPONSOR ORG: NOAA	PROGRAM: OZONE '95	PURPOSE: FL 5 (# BNA)

DAO PERSONNEL

AC: PHILLIPS BORN ✓	SYS ENG: Roles ✓
CP: KENUL ✓	DATA SYS: FARR ✓
NAV: KOZAK ✓	RADAR:
FE: TORREY ✓	BT/ODW:
RADIO: ARNASON ✓	CLD PHYS:
FD: ROBERT ✓	DOPPLER:

PARTICIPATING SCIENTIST/VISITORS/DAO

LAST, FIRST NAME	ACTIVITY ON A/C	AFFILIATION
Hübler ✓	P.T.	CU/CIRC/NOAA
BURR ✓		
Holloway ✓		
JOHNSON ✓		
MURPHY ✓		
FARRIS ✓		
Ryerson - KUSTER ✓		
SKORIBAN - ROBERTSON ✓	~ 16 S.O.B. ~	

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

QNH - 2999 / 1015 mb
 PS - 995.6 mbs
 SP - 995.5

D.P. Bal @ 1941Z, 2222Z
 JW ~ 2130Z

QNH - 2993 / 1013.3 mb
 PS - 991.7
 SP - 992.4

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Time	LAT		LONG		TRK	WD	WS	TA	TD	PA	CA	SP	PS	PQ
1813Z	@ 12K													
1823Z	37	04	087	09	007	063	25	0.7	-10.6	3659	3624	644	644	86.7
1854	39	12	87	08	360	132	1.8	24.0	17.9	601	448	993	993	57.3 16.5K
1922Z	@ .5 FT													
1938Z	@ 2K													
195230Z	@ 4.5K RGL													
1953Z	40	20	86	45	090	038	4.7	18.2	13.1	1493	1341	989	846	59.6 4.5K
200845Z	@ 7.3K MSL													
202215Z	@ 10K MSL													
2028Z	@ 10.5K MSL		@ 11K MSL =		203040Z									
2155	38	18	87	29	086	085	17.8	-11.6	-14.0	5296	5901	994	485	54.7 19K

OZONE-95

FLIGHT #05 950621H Reg. Flt BNA-IND-BNA

TYPE OF DATA	SENSOR OR OPTION
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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 07 GPS positions.

Dewpointer balanced by F/D at 194100Z and 222200Z. Data despiked/patched.

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	995.6mb	991.7mb
Corrected tower pressure	1015.0mb	1013.3mb

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

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Time

GPS POSIT

INE #2
CORR'S

1.) 184300Z

3831.8
-8659.0

±0
+0.7

2.) 193300Z

4020.0
-8609.2

+0.2
+1.2

3.) 205300Z

3932.3
-8510.2

+0.4
+1.7

4.) 212830Z

3835.7
-8628.8

+0.8
+2.0

5.) 215900Z

3822.0
-8727.5

+0.3
+2.5

6.) 222200Z

3720.1
-8715.5

+0.3
+2.0

7.) ⁵²³⁰
22~~5300~~Z

3607.00
-8640.9

+0.5
+2.2



