

U.S. DEPT. COMM./NOAA/OAO - DATA SECTION WORK FORM NO.1 OAOWF1 FILE

FLT ID: 980129N	FM: KHNL	TO: KHNL
FLT NO: 98-017	BLK IN: 0312Z	ATA: 0306Z
ETD: 2000Z	BLK OUT: 1943Z	RTD: 1953Z
ETE: 0330Z	BLK TIME: 7.29 7.5	FLT TIME: 7.13 7.2
SPONSOR ORG: NCEP	PROGRAM: NORPEX	PURPOSE: #7

OAO PERSONNEL

AC PLAYER, C ✓	SYS ENG GOLOSTEIN, A ✓
CP FINKE, M ✓ MAXSON, B ✓	DATA SYS HORN BROOK, C ✓
NAV	RADAR
FE KITSON, B	DT/ODW SMITH, J ✓
RADIO	CLD PHYS
FD CZ424K, S ✓	DOPPLER

PARTICIPATING SCIENTIST/VISITORS/OAO

LAST, FIRST NAME	ACTIVITY ON A/C	AFFILIATION
SHAPIRO, M ✓	P.I.	ETL
BLACK, M ✓	HAPS	HRD
GOLDENBERG, S ✓	HAPS	HRD

PROPOSED/ACTUAL MISSION/REMARKS (RECCO, FIXES, STORM, PENET, NHOP #)
 CONVENTION GIVE BAD LEFT SIDE LOST MANTERS
 BACKRUNNING, BUT L2 SHUT DOWN

0831 NO 0830

0104Z 336 1644

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

FLT ID: 980129N

TIME OFF: 1953Z

TIME ON: 0306Z

	A/C T/O	WX STN	A/C LAND	WX STN
PRESSURE	1019.1	30.10	1016.9	

NO DATA DISPOSITION/DATE/QUALITY

1/SEC FLT LVL TAPES		
FAST FLT LVL TAPES		
RADAR TAPES		
DOPPLER TAPES		
ODW CASSETTES		
HARD COPIES		
AXBT		
AXCP		
ODW		
6PS	40	36 sent

PHOTOGRAPHY

	FWD	LS	RS	VERT
ON				
OFF				
RATE				

REMARKS

3.6 PTH

Bande

NORPEX

Flight #8: 980129N

DATA TYPE

SENSOR or OPTION

INE	VEW_PITR
Accelerometer	ACINS_PITR
Temperature Probe	AT1
Altitude (for vertical wind)	GPGALT
Static Pressure	PS1M
Dynamic Pressure	QC1M
Dewpoint Probe	DPLC

Notes:

No dynamic corrections were applied to the measured static and dynamic pressures. Thus wind direction and wind speed may not be representative of actual flight level conditions.

Dropsonde data and event switch information ARE NOT on the tape.

GPGALT had a spike at 2310:30-2311:30 and 0202:40-0203:15, and a spike and offset 2335:00-2346:00 and 0016:00-0021:00.

Light to moderate turbulence caused some small spikes in several parameters 2113:00-2125:00.

	<u>Takeoff</u>	<u>Landing</u>
Aircraft static pressure	1019.1	1019.3
Corrected tower pressure	1016.9	n/a

Flight Meteorologist: Stan Czyzyk, (813) 828-3310 ext. 3086

18	41 00 N	162 45 W ✓
19	40 00 N	162 00 W ✓
20	39 00 N	163 10 W 19 ✓
21	38 00 N	163 24 W 30 ✓
22	37 00 N	163 43 W 41 ✓
23	36 00 N	163 55 W ✓
24	35 00 N	164 06 W ✓
25	34 00 N	164 15 W ✓
26	33 00 N	164 28 W ✓
27	32 00 N	164 40 W ✓
28	31 00 N	164 50 W ✓
29	30 00 N	165 00 W ✓
30	29 00 N	165 00 W ✓
31	28 00 N	164 12 W
32	27 00	163 24 W

0131

0258

0302

0135

03127

512

U.S. Department of Commerce
National Oceanic and Atmospheric Administration
(NOAA)

Aircraft Operations Center
MacDill Air Force Base
Florida 33608

28.80
155.11
28 48
155 06

436
9#
1
2

Mission ID issued from CARCAH

NOAA9 NORPEX 19

Takeoff (Date/Time): 29/2000Z

Aircraft Type Gulfstream IV-SP
Call Sign NOAA 49
Tail Number N49RF
Altitude Block F410-F450
Airspeed ~Mach 0.72-0.76 450 KTAS (Average)

925 DC-10
30N 155W 2027Z FL350
2554N 156 40W 2103Z
747 SINCE EAST
34N 160W 2102Z FL390
35N 150W
757 SW BOUND
39N 150W 2102Z FL350
34N 155W 2211Z
767 C121
38N 150W 2056 FL350
30W 155W 2221

Proposed Drop Points

Locations for dropsonde releases are indicated by a drop number

Drop Number	Location: LAT(N)/LONG(W) (degrees and minutes)	Dist. (nm)	ETE	ETA Date/Time(Zulu)		
	Honolulu (PHNL)	---	-----	29/2000 Takeoff		
	26 02/155 35 (ZURIC)	300	0+50	29/2050	SURFACE	#
			AT	TIME	WS	MAX
✓1	29 00/155 32	180	X 0+25	29/2115 2109Z	52	97.6
✓2	31 00/155 27	120	1.8 0+16	29/2131 2124Z	55	96.8
✓3	32.00 33 00/155 20	120	10.1 0+16	29/2147 2149Z	X	X
✓4	34 00/155 17	60	11.2 0+08	29/2155 2158Z	53	55.8
✓5	35 00/155 15	60	10.0 0+08	29/2203 2207Z	53	
✓6	36 00/155 13	60	9.2 0+08	29/2211 2217Z	54	
✓7	37 00/155 11	60	10.6 0+08	29/2219 2225Z	39	
✓8	38 00/155 07	60	9.9 0+08	29/2227 2233Z	35	
✓9	39 00/155 03	60	8.2 0+08	29/2235 2243Z	30	
✓10	40 00/155 00	60	6.2 0+08	29/2243 2257Z	37	
✓11	40 00/156 00	45	6.9 0+07	29/2250 2304Z	35	
✓12	40 00/157 00	45	7.2 0+07	29/2257 2311Z	33	

8)9

5,7,9,8
LAST REPORT

			AT		TIME	US	MAX
✓13	40 00/158 00	45	6.4	0+07	29/2304 23182	32	
✓14	40 00/159 00	45	6.5	0+07	29/2311 23252	31	75
✓15	40 00/160 00	45	6.7	0+07	29/2318 23332	27	75.3
✓16	40 40/161 00	60	6.2	0+09	29/2327 23432	21	73.7
✓17	41 15/162 00	60		0+09	29/2336 23532		
18	41 52/163 00	60		0+09	29/2345		
19	42 26/164 00	60		0+09	29/2354		
20	43 00/165 00	60		0+09	30/0003		
21	42 00/165 52	70		0+10	30/0013		
22	41 00/166 48	70		0+10	30/0023		
23	40 00/167 30	70		0+10	30/0033		
24	39 00/168 15	70		0+10	30/0043		
25	38 00/169 00	70		0+10	30/0053		
26	37 00/168 35	70		0+08	30/0101		
27	36 00/168 05	70		0+08	30/0109		
28	35 00/167 35	70		0+08	30/0117		
29	34 00/167 08	70		0+08	30/0125		
30	33 00/166 40	70		0+08	30/0133		
31	31 00/165 48	120		0+14	30/0147		
32	29 00/165 00	120		0+14	30/0201		
33	27 00/164 12	120		0+14	30/0215		
	22 48/162 37 (CANON)	260		0+35	30/0250		
	Honolulu (PHNL)	270		0+40	30/0330 Land		

POC: LCDR Sean White, NOAA

Cellular Phone:	813/833-3275	<u>Primary</u>
Hotel:	808/923-3111 Room#1049	<u>Secondary</u>
Airport #	800/821-3122 ext134	

850 302 165

344 70