

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

FLT ID: 97030214	FM: KPUD	TO: KMCF
FLT NO: 97-028	BLK IN: 1829	ATA: 1820
ETD: 0900	BLK OUT: 1347	RTD: 1354
ETE: 4400	BLK TIME: 4.7	FLT TIME:
SPONSOR ORG: NOAA	PROGRAM: FASTEX	PURPOSE: Trans.

OAO PERSONNEL

AC KENNEDY, P *	SYS ENG LYNCH, T
CP TAGGART, B	DATA SYS MCMEILLAN, J
NAV STRONG, T	RADAR BARR, J
FE TORREY, R/WADE, S	BT/ODW OFFUTT, D
RADIO ROGERS, M	CLD PHYS
FD WHITE, S	DOPPLER

PARTICIPATING SCIENTIST/VISITORS/OAO

LAST, FIRST NAME	ACTIVITY ON A/C	AFFILIATION
SHEPHERD, T *	Science	NSSC
KINNEY, B	Mech	AOC

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

74K 7 260 10min J121
 1004.3
 "I" 1655 170/2 75m 200 SCT 250 BkN 28/20 30.12 EXUSE
 1019.5

FLT ID: 970302H TIME OFF: 1354 TIME ON: 1820

TIME ON: 1820

NO	DATA DISPOSITION/DATE/QUALITY
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DATA	DISPOSITION	DATE	QUALITY
1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20
21	22	23	24
25	26	27	28
29	30	31	32
33	34	35	36
37	38	39	40
41	42	43	44
45	46	47	48
49	50	51	52
53	54	55	56
57	58	59	60
61	62	63	64
65	66	67	68
69	70	71	72
73	74	75	76
77	78	79	80
81	82	83	84
85	86	87	88
89	90	91	92
93	94	95	96
97	98	99	100

[illegible]

	FWD	LS	RS	VERT	
ON	U	N	N	N	
OFF					
RATE					

REMARKS

970302H

Time	LA	LO	TA	TD	WD	WS	Remarks
1344							ENG
1347							BLK
1354	14	10	TA	TD			TOFF
1432	4014.0	234.6	28.1	31.2	258	101.4	LEVEL 26k
1820							CND
1827							BLK

FASTEX TRANSIT FLIGHT

FLIGHT #14 H970302

TYPE OF DATA

SENSOR OR OPTION

INE	1
Accelerometer	1
Temperature probe	1
Altitude change option (for vertical winds)	PA
Static pressure	Rosemount fuselage
Dynamic pressure	Rosemount fuselage
Time source	Micro 99
Constants file	CO2971.CON

Notes:

There were four time/data gaps 1004:31 1004:50 1010:41 1010:50.

Downward spikes in radar altimeter data are a result of overflying land.

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. It is recommended that these values be used for vertical wind analysis.

	Takeoff	Landing
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Aircraft static pressure	1007.7 mb	1020.5 mb
Corrected tower pressure	1007.5 mb	1025.3 mb

Flight Meteorologist: Sean White, (813) 828-3310 ext. 3072

CI>

POSITION REPORT

[illegible]

TRANSMIT THE FOLLOWING MESSAGE TO ANY AGENCY ON THE AIR-GROUND FREQUENCY IN USE. IF UNABLE TO ESTABLISH COMMS, ATTEMPT CONTACT ON ANY OF THE FOLLOWING EMERGENCY FREQUENCIES:

UHF/VOICE	VHF/VOICE	MF/VOICE	HF/CW	MF/CW
243.0	121.5	2182 KHZ	8364 KHZ	500 KHZ

**MAYDAY, MAYDAY, MAYDAY
THIS IS NOAA . NOAA**

- POSITION _____ N/S _____ E/W AT _____ Z _____

- HEADING _____ TRUE/MAG _____
 - AT _____ KTS TRUE/INDICATED _____

- FLIGHT LEVEL OR ALTITUDE _____

- WE ARE A P-3 AIRCRAFT WITH _____ SOULS ON BOARD
NATURE OF EMERGENCY

- NATURE OF EMERGEN
- ASSISTANCE DESIRED

- PILOT INTENTIONS
- WE HAVE
- ENDURANCE REMAINING