

FLT ID: <u>1000124</u>	FM: <u>KMCF</u>	TO: <u>KMCF</u>
FLT NO: <u>00-14</u>	BLK IN: <u>2003Z</u>	ATA: <u>1953Z</u>
ETD: <u>1700Z</u>	BLK OUT: <u>1707Z</u>	ATD: <u>1718Z</u>
ETE: <u>11</u>	BLK TIME: <u>2:56</u>	FLT TIME: <u>2:35</u>
SPONSOR ORG: <u>AOC</u>	PROGRAM: <u>IPEX</u>	PURPOSE: <u>PRE-IPEX TEST FLT</u>

DAO PERSONNEL

AC <u>KENUL</u>	SYS ENG
CP <u>D'MARRA</u>	DATA SYS <u>ADLER ROLES</u>
NAV <u>RATHBUN/ADLER</u>	RADAR <u>BARR</u>
FE <u>BAST</u>	BT/ODW <u>SMITH</u>
RADIO <u>SAR</u>	CLD PHYS
FD <u>DAMIANO</u>	DOPPLER

PARTICIPATING SCIENTIST/VISITORS/DAO

LAST, FIRST NAME	ACTIVITY ON A/C	AFFILIATION
<u>LINSKENS</u>	<u>OBS</u>	<u>USAF/Hager 3</u>

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

16/16Z 500 SCT
16 29.74
15 out of precip 1738Z
in
1855Z 290/17
16 29.73 15 RRV
11 50 RRV

~~1855Z~~ DWS 10° spread
1806Z Bal Div
1857Z

1857Z 1859Z
-13.1
-13.4
1900Z BOTH CLOSE

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

FLT ID: D000124 TIME OFF: 1718Z TIME ON: 1953Z

	A/C T/O	WX STN	A/C LAND	WX STN
PRESSURE	<u>1006.3</u>	<u>29.74/1006.6</u>	<u>1005.8</u>	<u>29.74/1006.6</u>

NO DATA DISPOSITION/DATE/QUALITY

1/SEC FLT LVL TAPES

2

FAST FLT LVL TAPES

RADAR TAPES

1

DOPPLER TAPES

ODW CASSETTES

HARD COPIES

PMS

1

AXBT

AXCP

ODW GPS

1

PHOTOGRAPHY

	FWD	LS	RS	VERT
ON				
OFF				
RATE				

REMARKS

1000124

TIME	LAT	LONG	TRK	HD	WD	WS	TA	TD	PA	CA	SP	PS	IN	CLR	PO
172800	2759	8200	77	77	264	53	-2.2	-26.1	3604	3590	997.3	640.3	CLD	NAV	65.4
174300			in cld												
174630		DW2	oscill												
175620		in	between cld												
175914	2801	7856	95	105	233	64	-6.2	-17.3	4650	4715	1001.1	565.9	Good	DEOP	70.0
181820	2828	7752	179	191	237	60	-7.3	-8.3	4641	4708	1000.8	566.5	IN	CLD	74.7
184730		in cld	RW-				-6.8	-7.9							
190200	2800	7925	270	263	237	64	-8.4	-9.6	4625	4676	1003.4	567.6	IN	CLD	72.2
191000		in clear													
191600		in cld													
192535		in cld					DW1 -18.9	DW2 34.4							
193800	2801	8150	260	262	263	63	-18.0	-18.9	3105	3035	996.7	691.9	CLR		74.1

PAGE OF

POSITION REPORT

1. POSITION
 2. TIME
 3. ALTITUDE
 4. NEXT POSITION
 5. ETA
 6. NEXT POSITION

EMERGENCY MESSAGE

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 _____, NOAA _____

- POSITION _____ N/S _____

- HEADING _____ TRUE/MAG _____

-AT _____ KTS TRUE/INDICATED

- FLIGHT LEVEL OR ALTITUDE _____

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

- NATURE OF EMERGENCY

- ASSISTANCE DESIRÉE

**- PILOT INTENTIONS
WE HAVE
EVASIONANCE REMAINING**

[illegible]

007 TBW

DATE/TIME:000125 0000 AT POSITION: LAT.: 27.70 LON.: -82.40

PRESS HPA	HGT (MSL) M	TEMP C	DEW PT C	WND DIR DEG	WND SPD M/S
1007.	13.	12.20	7.80	320.	8.
1006.	21.	12.20	5.20	320.	8.
1000.	71.	11.60	5.60	320.	10.
972.	305.	9.57	4.15	310.	18.
936.	610.	6.92	2.26	315.	18.
925.	716.	6.00	1.60	315.	18.
902.	914.	4.15	1.06	310.	16.
880.	1121.	2.20	.50	310.	17.
869.	1219.	2.06	-1.13	310.	17.
850.	1402.	1.80	-4.20	315.	18.
840.	1497.	3.00	-9.00	315.	19.
837.	1524.	2.77	-9.31	315.	19.
809.	1800.	.40	-12.60	305.	24.
806.	1829.	.30	-15.55	305.	24.
803.	1860.	.20	-18.80	303.	25.
798.	1910.	1.00	-36.00	302.	26.
781.	2083.	2.00	-42.00	296.	30.
776.	2134.	3.29	-41.12	295.	31.
769.	2209.	5.20	-39.80	292.	32.
747.	2438.	4.83	-40.17	285.	33.
735.	2577.	4.60	-40.40	285.	33.
720.	2743.	3.42	-41.16	285.	33.
700.	2972.	1.80	-42.20	290.	30.
681.	3192.	-.10	-43.10	290.	30.
663.	3407.	1.20	-42.80	290.	30.
647.	3602.	-.10	-43.10	290.	30.
642.	3658.	-.56	-43.42	290.	30.
593.	4267.	-5.62	-46.96	280.	32.
548.	4877.	-10.69	-50.50	280.	29.
500.	5600.	-16.70	-54.70	275.	26.
467.	6096.	-20.75	-57.24	270.	24.
400.	7240.	-30.10	-63.10	265.	28.
378.	7620.	-33.49	-64.70	265.	30.
354.	8092.	-37.70	-66.70	265.	27.
331.	8534.	-40.86	-69.07	265.	25.
302.	9144.	-45.23	-72.35	250.	27.
300.	9210.	-45.70	-72.70	245.	28.
276.	9754.	-50.24	-74.72	245.	26.
272.	9857.	-51.10	-75.10	248.	25.
250.	10410.	-49.50	-75.50	270.	22.
240.	10668.	-49.54	-75.71	270.	27.
229.	10973.	-49.58	-75.96	255.	35.
200.	11870.	-49.70	-76.70	999.	999.
150.	13720.	-55.30	-81.30	999.	999.
100.	16260.	-64.30	-87.30	999.	999.

HEIGHT	DT/DZ	TDIFF	CRITICAL INVERSION
21.	.010	.1	
71.	-.002	-.1	
305.	.001	.3	
610.	.001	.4	
716.	.000	.0	
914.	.001	.2	
1121.	.000	.0	
1219.	.009	.9	
1402.	.008	1.5	
1497.	.024	2.2	*****

007

CAPE

CANAVERAL

DATE/TIME:000125 0000 AT POSITION: LAT.: 28.46 LON.: -80.55

PRESS	HGT (MSL)	TEMP	DEW PT	WND DIR	WND SPD
HPA	M	C	C	DEG	M/S
1004.	3.	11.60	7.40	300.	9.
1000.	42.	12.00	7.80	295.	12.
996.	75.	12.20	7.90	294.	12.
959.	391.	9.00	7.20	292.	14.
936.	592.	7.20	6.80	290.	15.
915.	778.	5.40	5.10	289.	16.
890.	1004.	3.60	3.30	287.	17.
866.	1226.	2.60	2.10	286.	18.
852.	1358.	1.40	1.00	285.	19.
850.	1377.	1.20	.70	285.	19.
845.	1424.	.00	-.70	284.	20.
838.	1491.	-.70	-10.70	283.	20.
832.	1549.	4.40	-25.60	282.	21.
794.	1927.	1.60	-28.40	276.	25.
768.	2195.	.20	-29.80	271.	28.
731.	2592.	1.40	-28.60	265.	32.
713.	2793.	3.40	-26.60	262.	34.
700.	2943.	2.60	-27.40	260.	36.
627.	3825.	-1.90	-31.90	260.	35.
588.	4332.	-5.30	-35.30	260.	34.
500.	5580.	-15.70	-45.70	260.	33.
400.	7210.	-29.90	-59.90	260.	33.
349.	8165.	-38.10	-68.10	248.	33.
307.	9036.	-44.90	*****	237.	34.
300.	9190.	-46.10	*****	235.	34.
286.	9506.	-48.90	*****	233.	33.
250.	10390.	-49.70	*****	230.	29.
221.	11192.	-52.70	*****	241.	33.
212.	11461.	-52.10	*****	244.	35.
200.	11840.	-50.90	*****	250.	37.
196.	11972.	-50.70	*****	250.	36.
169.	12939.	-51.70	*****	252.	29.
150.	13710.	-54.90	*****	255.	23.
134.	14424.	-59.10	*****	257.	24.
123.	14957.	-62.50	*****	259.	25.
100.	16230.	-64.10	*****	265.	28.

HEIGHT	DT/DZ	TDIFF	CRITICAL	INVERSION
42.	.019	.7		
75.	.016	.5		
391.	.000	-.1		
592.	.001	.2		
778.	.000	.0		
1004.	.002	.4		
1226.	.005	1.2		
1358.	.001	.1		
1377.	-.001	.0		
1424.	-.016	-.8		
1491.	-.001	-.1		
1549.	.103	6.0	****	
1927.	.002	.9		
2195.	.005	1.3		
2592.	.014	5.5	****	
2793.	.022	4.3	****	
2943.	.005	.7		
3825.	.005	4.6	****	
4332.	.004	1.8		