

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

FLT ID: N970716 TIME OFF: 1321Z TIME ON: 1412Z

WX STN

WX STN

1016.7

30.

30.10

-75

DATA DISPOSITION/DATE/QUALITY

1

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100

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PHOTOGRAPHY

LS

RS.

VERT

REMARKS

N970714

1840 - 1940
1 hr burn fuel

TIME	LAT	LONG	TRK	HD	WD	M/S	TA	TD	PA	GA	PS			PQ
150000	27.9	82.4	112	118	142	5	17.4	14.0	1531	1665	832.6	CLR		90.1
152100	26.1	81.2	133	132	147	0	6.9	3.1	3252	3196	696.3	CLDS		108.5
180900	26.0	80.3	73	74	10	2	5.4	1.7	3208	3464	670.9	CLD ABV		151.2
181900	26.3	79.1	65	64	221	5.3	-22.5	-31.9	7701	8045	375.0	CLD ABV		155.4
182900	26.7	77.8	69	69	162	7	-50.5	-45.8	11097	11854	221.0	CLD		103.3
183327	27.2	77.5	319	358	194	6.5	-60.3	-44.7	12348	12817	181.4	Good DROP		85.8
184200	28.3	77.5	0	359.5	161	10	-62.4	-34.8	12554	13020	175.9	SET CLD		88.3
185635	30.00	77.2	90	92	151	14	-61.9	33.8	12551	13024	177.8	DROP		88.9
191800	30.3	76.7	100	101	150	13	-61.4	-45.6	12545	13027	176.2	SET CLD		89.2
192833	29.78	74.74	180	177	158	18	-62.2	-52.9	12545	13052	176.8	NO W DROP		87.4
193120	29.4	74.7	180	179	187	15	-62.3	-54.0	12546	13058	176.2	NO T, H DROP		90.0
194514	28.00	74.30										NO W DROP		
195049	28.00	73.43	090	90	164	6	-62.4	-53.4	12539	13058	177.8	(INCLD) DROP		88.0
195600	28.0	73.0	90	91	195	7	-62.3	-51.6	12539	13063	177.9	in CLD		88.0
200000					245	6								
200425	28.2	72.0	0	0	258	10	-61.4	-47.8	12542	13068	176.4	edge of clld lines - wind shift		
201220	29.13	72.00	0	0	127	5	-61.9	-49.0	12537	13068	173.8	NO W DROP		89.0
202200	3025	72.00	0	0	144	8	-62.2	-51.2	12537	13076	176.3	NO W DROP		88.1
202742	31.00	71.43	89	89	119	9	-61.5	-50.6	12542	13083	177.7	ABV CLD		89.2
203700	31.00	70.28	90	89	99	12	-62.1	-46.9	12542	13082	176.3	Good DROP		88.5
204514	31.13	69.29	359	359	104	2.6	-62.5	-50.3	12543	13095	177.6	ABV TCU		88.7
205100												Good DROP		89.0
210107	33.00	69.13	89	86	22	10	-62.3	-50.8	12542	13094	177.6	Good DROP		88.6
210201	3253	67.05	3	0	320	11	-66.3	-36.2	13124	13663	159.9	NO W DROP		79.8
212800	3336	67.03	2	2	17	8	-66.2	-43.0	13126	13667	160.0	NO W DROP		87.7
214126	3307	66.46	59	58	70	11	-67.4	-37.2	13124	13671	159.9	NO W DROP		81.1
214513	3526	66.21	59	58	56	10	-67.4	-37.7	13124	13669	160.0	Good DROP		80.1
215726	3606	64.51	90	85	21	12	-67.4	-36.0	13121	13657	160.0	NO W DROP		80.6
221121	3614	63.00	359	356	338	16	-67.9	-30.0	13118	13653	160.1	NO W DROP		80.5
221311	3626	63.00	359	357	344	14	-67.3	-29.9	13128	13654	160.2	NO W DROP		82.5
221710	3654	63.00	359	357	346	17	-66.9	-38.5	13119	13646	160.1	Good DROP		88.2
223258	3830	62.42	89	83	337	22	-67.32	-35.5	13123	13630	160.0	Good DROP		79.6
225000	3843	60.00	0	353	322	3.3	-67.15	-33.7	13119	13589	160.1	NO W DROP		80.6
2251	3902	60.00	0	352	317	35	-67.04	-37.30	13121	13534	160.1	Good DROP		79.9
230000	39.70	60.00	0	352	317	40.5	-67.10	-31.03	13117	13550	160.7	Good DROP		79.5
230345	40.15	60.00	0	351	315	44.14	-66.9	-30.0	13118	13540	160.1	NO W DROP		79.5
231800	42.29	60.12	283	282	293	43.1	-67.2	-44.2	13672	14086	146.6	Good DROP		73.4
2332	42.29	62.07	269.7	271.3	289.6	44.6	-66.24	-45.3	13672	14113	146.2	Good DROP		72.8
2345.00	41.30	66.30	220.7	221.9	307	30.0	-61.2	-38.5	13694	14164	146.8	NO W DROP		72.5
234950	41.15	64.6	220	224	313	29.2	-65.6	-38.3	13696	14177	146.7	NO W DROP		72.3
000430	41.19	66.1	311	182.1	311	19.2	-65.5	-38.2	13694	14221	145.2	NO W DROP		73.4
000705	40.8	66.1	312	182	312	18.1	-65.7	-38.1	13694	14220	146.8	NO W DROP		73.2
001600	39.45	66.30	179	180	328	16.4	-67.8	-33.3	13694	14241	145.2	NO W DROP		73.4
001837	39.21	66.29	179	180	328	15.8	-68.5	-32.0	13692	14236	146.7	NO W DROP		72.5
003000	39.58	66.37	229	234	342	17.7	-68.7	-31.4	13692	14237	145.2	NO W DROP		73.2
003300	37.47	67.03	243	245	339	13.3	-68.7	-31.9	13692	14268	146.7	NO W DROP		72.4
004906	37.20	69.00	0	0	24	12.9	-67.9	-32.1	13692	14281	146.6	NO W DROP		73.4
015000	39.00	69.19	271	272	334	10.7	-68.13	-29.1	13691	14280	146.7	NO W DROP		73.6
012400	38.43	72.00	179	177	100	6.6	-68.5	-29.6	13684	14253	146.7	NO W DROP		73.9
014000	36.52	72.15	238	236	88	9.1	-69.1	-30.4	13689	14279	146.8	NO W DROP		72.9
014310	36.41	72.38	238	235	44	9.2	-69.2	-34.5	13687	14279	146.8	NO W DROP		73.2
015600	35.43	74.07	197	193	117	9.1	-67.6	-34.1	13682	14282	147.0	NO W DROP		73.1
020800	34.21	74.10	179	176	151	12.9	-68.6	-33.5	13682	14266	146.9	NO W DROP		72.9
022600	32.28	74.52	266	261	149	12.1	-68.5	-31.7	13691	14262	146.8	NO W DROP		72.8
023805	32.4	75.2	266	261	150	12.5	-68.5	-31.4	13692	14267	146.9	NO W DROP		73.4
024100	32.20	77.01	265	261	146	13.2	-67.4	-32.9	13694	14240	146.9	NO W DROP		73.4

031955 LND 0325 BLK

NOAA/AOC/SED Flight Performance log - N49RF

N49RF Project: Hurricane 97 Project No 410 Flight No. 1a Flight ID: 970716NSED Crew: JCPB, Goldstein, DAMIANO Mission: Ferry + MacDillPre-Flight: 1200 Z Take-Off: 1321 Z Landing: 1412 Z

SYSTEM			Pre-Flight	In-Flight	Post-Flight		
N A V	IRS #1		✓ JC				
	IRS #2		✓ JC				
	IRS #3		✓ JC				
	GPS Honeywell #1		✓ JC				
	GPS Honeywell #2		✓ JC				
	GPS Collins		✓ JC				
Nose Radar Collins			✓ JC		Off? ☐		
	Time	Temp °C			Time	Temp °C	
T	Temp #1	1302	24.9	✓			
E	Temp #2		27.1	✓			
M	Temp #3		26.7	✓			
P	Temp #4		27.0	✓			
	DP Left		—	✓	Cal. Time:		
	DP Right	✓	22.2	✓	Cal. Time:		
P	Attack Angle (ADCAOA)		JC				
R	Slip Angle (BP/DBP)		✓ JC				
E	Differential (PQ1/PQ2)		✓ JC				
S	Absolute (PS1/PS2)		1016.8 / 1016.7				
S	Check Radome Press. Lines		✓ JC				
S	DOWN PRT-5 ⇌ Open? ☒		✓ JC			Closed? ☐	
Y	MADS (WINDS/DISCWIN)		✓ JC			# DATs:	
S	MADS Printer ⇌ Paper? ☒		✓ JC				
T	MADS Cal. Date: —		QC time: 1300			QC time:	
E	WINDS ⇌ NET BCAST ☒		✓ JC				
M	HAPS System		N/U			# Msg.:	# Attempts:
S	AVAPS System / Time set? ☐		✓ ASG				
	AVAPS Printer ⇌ Paper? ☒		✓ JC				
	Exterior Walk Around		✓ JC				
	Inspect DropSonde Chute Bolts		✓ JC				
	Satcom (Flight Phone)					Off CB? ☐	
M	FCU/UPS/CB		CB's Checked? ☒			UPS off? ☐	
I	AVAPS Sondes		#On Board: 49	#Dropped:		#Good:	
S	AXBT		#On Board: 0	#Dropped:		#Good:	
C	APN-232		✓ JC				
	Modem Power On? ☒		JC				

1	DAT Tape #1		On: 1253	Off: 1416
2	DAT Tape #2		On:	Off:

Comments: