

FLT ID: 000122D	FM: PADC	TO: PADC
FLT NO: 00-17	BLK IN: 0300	RTA: 0251
ETD: 21Z	BLK OUT: 2047	RTD: 2054
ETE: 6	BLK TIME: 6:13 (6.2)	FLT TIME: 15:57 (5.9)
SPONSOR ORG: NCCP	PROGRAM: WSR	PURPOSE: Track 01

ORD PERSONNEL

AC Maxson, J. McCann ✓	SYS ENG Hill ✓
CP Yates ✓	DATA SYS Lino ✓
NAV White ✓	RADAR
FE Kitson	BT/ODW Lynch ✓
RADIO	CLD PHYS
FD Parrish ✓	DOPPLER

PARTICIPATING SCIENTIST/VISITORS/ORD

LAST, FIRST NAME	ACTIVITY ON A/C	AFFILIATION
Black, M. ✓		
Dorset, N. ✓		
Stenzel, D.		

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

NOAA9 WSWSC TRACK 01

1953Z	0153Z	One data system failure.
-1/-4	14016	
29.96	17-4	17 Drops, all good.
18017	29.98	
121-5	17011	Numerous satcomm failures.
1009.4	2-5/-4	
20018	1009.7	

000122N WSA #1

Time	LAT	LOD	TK	WJ	WS	GA	PA	TA	TD	PS				
2054								1.2	-0.5	1009.4	T.O.			
203630	101 10	150 14	202	194	16	2127	2218	-10	-14	767	↑			
21030	60 49	150 32	202	242	21	5207	5496	-26.5	-27.2	495	↑			
2120	59 04	152 36	222	263	27	12033	12315	-55.2	-63.4	182.4	↑ to 41K			
214437	57 00	156 04	~	257	28	12324	12554	-53.7	-64.0	176	Drop 1	Good		
220121	57 00	159 20	270	259	37.2	12313	12551	-53	-60.4	176	Drop 2	Good		
221832	57 00	162 40	271	246	36	12281	12552	-52.9	-60.1	176	Drop 3	Good		
223537	57 00	166 00	~	230	39	12239	12545	-51.2	-59.5	176	Drop 4	Good		
225311	55 29	168 00	218	212	40	12245	12550	-48	-58	176	Drop 5	Good		
231227	54 00	170 00	219	214	45	12230	12542	-47	-58	176	Drop 6	Good		
233154	52 30	171 56	~	210	40.5	12195	12498	-44.4	-57.3	179	Drop 7	Good		
234838	51 00	170 40	150	211	45.6	12157	12406	-44.6	-58.3	180	Drop 8	Good		
000349	49 30	169 19	149	230	55	12187		-48.7	-58.3	180	Drop 9	Fair - late winds		
001802	48 04	167 55	~	247	54	12381	12410	-51.6	-59.8	180	Drop 10	Good		
0030	Delayed drop		Rgt	Hold	MADS System ↓						Drop 11	Rgt did no		
003546	45 11	164 23	66	268	50						Drop 11	betw (11+12)		
004130	45 30	162 56	68	279	44	12542	12542	-49.8	-60.1	176.2	Drop 12	Good		
005600	30.2	155.9	67.3	285	44	12543	12542	-52	-60.6	176.2	Drop 13	Good		
001000	51.0	157	42.1	399	43	12514	12542	-51.0	-60.3	176.2	Drop 14	Good		
010500	52.7	155.8	22.2	296	38.9	12572	12543	-51.3	-59.5	176.2	Drop 15	Good		
014002	54.3	154.6	21.3	296	28.3	12412	12541	-51.4	-60.4	176.3	Drop 16	Good		
015500	56.0	153.5	21.9	292	27.3	12364	12537	-54.1	-61.1	176.3	Drop 17			
0219	58.9	151.8	13.0	275	29	1262	12537	-56.6	-62.8	176.3	Drop 18			
0234	60 31	50 42	21	260	15	2922	3063	-12.6	-14.2	675.4	-10K			

NOAA/AOC/SED N49RF Flight Performance log

N49RF Project: Winter Storms Project No. 435 Flight No. 0 Flight ID: 00015N

SED Crew: Hill, Ling, Parrish Mission: Ferry: LAS AN

Pre-Flight: 1415 Z Take-Off: 1503 Z Landing: 1958 Z

SYSTEM			Pre-Flight Check	In-Flight	Post-Flight Check		
N A V	IRS #1		✓ <u>P</u>				
	IRS #2		✓ <u>P</u>				
	IRS #3		✓ <u>P</u>				
	GPS Honeywell #1		✓ <u>P</u>				
	GPS Honeywell #2		✓ <u>P</u>				
	GPS Collins		✓ <u>P</u>		Off? ☐		
Nose Radar - Collins			✓ <u>P</u>		Off? ☒		
T E M P	Time	Temp °C			Time	Temp °C	
	Temp #1	1427	7.0	✓ <u>P</u>		2001	-13.7
	Temp #2		7.8	✓ <u>P</u>			-13.4
	Temp #3		7.1	✓ <u>P</u>			-13.3
	Temp #4		8.0	✓ <u>P</u>			-13.8
	DP Left		-10.25	✓ <u>P</u>	Cal. Time:		-17.2
	DP Right		-5.7	✓ <u>P</u>	Cal. Time:		-15.1
P R E S	Attack Angle (ADCAOA)		✓ <u>P</u>				
	Slip Angle (BPx/DxPx)		✓ <u>P</u>				
	Differential (PQ1/PQ2)		✓ <u>P</u>				
	Absolute (PS1/PS2)		✓ <u>P</u>				
	Check Radome Press. Lines ☐		Date: <u>See Previous</u>				
S Y S T E M S	DOWN PRT-5 ⇒ Open? ☐		Not installed		Closed? ☒		
	MADS (WINDS/DISCWIN)		✓ <u>P</u>		# DATs: 1		
	MADS Printer ⇒ Paper? ☒		✓ <u>P</u>		Printer Power off? ☒		
	MADS Cal. Date:		QC time: <u>1440Z</u>		QC time: <u>1959Z</u>		
	WINDS ⇒ NET BCAST ☒		✓ <u>P</u>				
	HAPS System / Time set? ☐		✓ <u>A</u>		# Msg.: — # Fail: —		
	AVAPS System		✓ <u>JH</u>				
	K2 Printer ⇒ Paper? ☒		✓ <u>P</u>		Printer Power off? ☒		
	Exterior Walk Around ☒		✓ <u>JH</u>				
	Inspect DropSonde Chute Bolts		✓ <u>JH</u>				
M I S C	Satcom (Flight Phone) ☒		✓ <u>P</u>		Off CB? ☒		
	Call COMSAT? ☒ (*292#)		✓ <u>P</u>				
	FCU/UPS/CB		CB's Checked? ☒ <u>JH</u>		UPS off? ☒		
	AVAPS Sondes		# On Board: <u>70</u>	# Dropped: —	# Good: —		
	AXB T		# On Board: <u>0</u>	# Dropped: —	# Good: —		
	APN-232 Altimeter		✓ <u>P</u>				
Modem Power On? ☒		✓ <u>P</u>					

1	DAT Tape #1	On: <u>1438Z</u>	Type: <u>60m</u>	Off: <u>2009</u>
2	DAT Tape #2	On:	Type:	Off:
Comments:				

NOAA/AOC/SED N49RF Flight Performance log

N49RF Project: Winter Storms Project No. 435 Flight No. 0 Flight ID: 000114N

SED Crew: Hill, Linc, Parrish Mission: Ferry to LAS

Pre-Flight: 1645 Z Take-Off: 1709 Z Landing: 2141 Z

SYSTEM			Pre-Flight Check	In-Flight	Post-Flight Check	
N A V	IRS #1		9/1	9/1	9/1	
	IRS #2		9/1	↓	↓	
	IRS #3		9/1	↓	↓	
	GPS Honeywell #1		9/1	↓	9/1	
	GPS Honeywell #2		9/1	↓	9/1	
	GPS Collins		9/1	↓	Off? ☒ 9/1	
Nose Radar - Collins			9/1	9/1	Off? ☒ 9/1	
T E M P	Time	Temp °C			Time	Temp °C
	Temp #1	1615	16.1	9/1	2145	19.1
	Temp #2	↓	16.1	9/1	↓	19.6
	Temp #3	↓	15.5	↓	↓	18.5
	Temp #4	↓	16.8	↓	2145	20.15
	DP Left	↓	-1.9	↓	Cal. Time: 2043	-3.4
	DP Right	↓	-1.4	9/1	Cal. Time: 2043	2146 -4.4
P R E S S	Attack Angle (ADCAOA)		9/1	9/1	9/1	
	Slip Angle (BPx/DxPx)		↓	↓	↓	
	Differential (PQ1/PQ2)		↓	↓	↓	
	Absolute (PS1/PS2)		9/1	9/1	see Notes	
	Check Radome Press. Lines ☒		Date: See previous Flight	2053	9/1	
S Y S T E M	DOWN PRT-5 ⇒ Open? ☐		Not installed	9/1	Closed? ☒ 9/1	
	MADS (WINDS/DISCWIN)		9/1	↓	# DATs: 1	
	MADS Printer ⇒ Paper? ☒		9/1	↓	Printer Power off? ☒ 9/1	
	MADS Cal. Date: 07/16/99		QC time: 1623	↓	QC time: 2143	
	WINDS ⇒ NET BCAST ☒		9/1	↓	9/1	
	HAPS System / Time set? ☐		N/A	↓	# Msg.: - # Fail: -	
	AVAPS System		9/1	↓	9/1	
S	K2 Printer ⇒ Paper? ☒		9/1	9/1	Printer Power off? ☒ 9/1	
	Exterior Walk Around ☒		9/1	9/1		
M I S C	Inspect DropSonde Chute Bolts		9/1	9/1		
	Satcom (Flight Phone) ☒		9/1	9/1	Off CB? ☒ 9/1	
	Call COMSAT? ☒ (*292#)		9/1	↓	9/1	
	FCU/UPS/CB		CB's Checked? ☒ 9/1	9/1	UPS off? ☒ 9/1	
	AVAPS Sondes		# On Board: 70	# Dropped: 0	# Good: 70	
	AXBT		# On Board: -	# Dropped: -	# Good: -	
	APN-232 Altimeter		9/1	9/1	9/1	
Modem Power On? ☒		9/1	9/1	9/1		

1	DAT Tape #1	On: 1622	Type: 60M	Off: 2151
2	DAT Tape #2	On:	Type:	Off:
Comments: DP balance begin → 2043 DP balance end → 2052 CAK → 2053				

Please Note Any Discrepancies[illegible]