

ACGWFI

AOC Personnel

Participating Scientists/Visitors/AOC

Proposed/Actual Mission/Remarks (Recco, Fixes, Storm, PENET, NHOP #)

0401/6 Fly Track 37. 18 drops. WSE-01 Lost FH.
25.2/15.9 ~ 2220. G's failure. Switched depend table to give Stan good G's altitudes
1018.7 G's back ~ 2300Z. Dropper 20 sondes, 19 msqs, 2 bad T, Ch.
80/88
0300 - G's died again.
050/9
51/8.8
24/16
1015.7

N49RF Winter 01 / AVAPS DropSonde Log

N49RF Project: Winter Storms' 2001

Flight ID: 010219N

Mission: NCEP

Flight #: 11

System Status: 

[illegible]



n: 3.0 for the WC-130H
JP: 5 OCT 0

ROUTE NAME: [REDACTED]
DATE SPUN: 23 OCT 0

JR	AIRCRAFT CDR	TAIL #	HONOLULU INTL	HONOLULU	TOTAL DIST	TOTAL TIME	ESA
			N 21 18.97 FM: W157 55.60	N 21 18.50 TO: W157 55.83	3289	13+27	6500

C CLEARANCE

NAVIGATOR'S SIGNATURE

FIX	ROUTING	STATION	HDG DELTA	TC	TRUE	TRUE	CAS	SPN	ALT	DIST	TIME	ETA	ATA	RMK
WPT	LAT	ELEV	FREQ	BANK	W/V	VAR	TAS	TURN	TEMP	ZD	ZONE	RETA	A/B	
	LONG	VAR		MC	DRIFT	MAG	GS			TDR	TTR			
PHIK/A	HONOLULU INTL	0	052		052	13M	0	00+00	00:00					
	N 21 18.97	13			10.3E					0	00:00			
	W157 55.60	10.3E		042	0	042	+28C	3289	13+27					
MKK/W	MOLOKAI	0	104		090/015	103	225	5000M	44	00+11	00:11			
	N 21 08.29	1421	108X		11.0E	248			44	00:11				
	W157 10.04	11.0E	116.1		-1	093	233	+18C	3245	13+15				
CLUTS/W	PMKK/R040179	0	051		290/020	048	205	18000M	179	00+48	00:59			
	N 23 00.20	unk	108X		10.8E	276			223	00:59				
	W154 39.29	10.8E	116.1		-4	037	285	-8C	3066	12+28				
CLURE/W	CLURE	0	056		290/020	053	205	18000M	100	00+21	01:20			
	N 23 55.00	unk			11.0E	275			323	01:20				
R465	W153 08.20	11.0E		046	-3	042	286	-8C	2966	12+07				
.TP 5	DROP#1	0	043		290/040	035	204	18000M	151	00+32	01:51			
	N 25 45.00	unk			11.5E	273			473	01:51				
	W151 15.00	11.5E		032	-8	024	286	-8C	2815	11+35				
.TP 6	DROP#2	0	060		300/050	051	203	18000M	154	00+31	02:23			
	N 27 00.00	unk			12.0E	272			627	02:23				
	W148 45.00	12.0E		049	-9	040	294	-8C	2661	11+04				
.TP 7	DROP#3	0	060		330/050	049	201	18000M	153	00+34	02:57			
	N 28 15.00	unk			12.6E	270			780	02:57				
	W146 15.00	12.6E		048	-11	037	266	-8C	2509	10+29				
.TP 8	DROP#4	0	062		330/050	051	200	18000M	163	00+37	03:34			
	N 29 30.00	unk			13.1E	269			942	03:34				
	W143 30.00	13.1E		049	-11	039	266	-8C	2346	09+53				
.TP 9	DROP#5	0	055		320/050	044	190	24000M	158	00+34	04:08			
	N 31 00.00	unk			13.8E	282			1100	04:08				
	W141 00.00	13.8E		041	-10	031	282	-20C	2188	09+19				
.TP 10	DROP#6	0	036		320/080	020	189	24000M	149	00+36	04:44			
	N 33 00.00	unk			14.4E	281			1250	04:44				
	W139 15.00	14.4E		022	-16	006	250	-20C	2039	08+43				
.TP 11	DROP#7	0	024		320/090	007	188	24000M	149	00+39	05:23			
	N 35 15.00	unk			15.2E	279			1398	05:23				
	W138 00.00	15.2E		010	-17	353	228	-20C	1890	08+04				
.TP 12	DROP#8	0	341		320/100	333	187	24000M	143	00+48	06:10			
	N 37 30.00	unk			15.9E	277			1542	06:10				
	W139 00.00	15.9E		325	-7	318	181	-20C	1747	07+16				
.TP 13	DROP#9	0	341		320/090	334	185	24000M	143	00+45	06:56			
	N 39 45.00	unk			16.6E	275			1685	06:56				
CP	W140 00.00	16.6E		325	-7	318	189	-20C	1604	06+31				
.TP 14	DROP#10	0	285		320/120	299	177	29000M	119	00+40	07:35			
	N 40 15.00	unk			16.5E	286			1803	07:35				
	W142 30.00	16.5E		269	14	283	179	-30C	1485	05+51				

ROUTE NAME: A:\WSRP37.rte

FORM: MPLAN_HL.FRM ver 1

STATION	HDG	TC	HDG	DIST	TIME	ETA	ATA	RMK				
ING	DELTA	MC	TRUE	ZD	ZONE	RETA	A/B					
ELEV	BANK		W/V	TD	TT							
FREQ			DRIFT	TDR	TTR							
VAR			MAG	TEMP								
			CAS	ALT								
			TAS	TURN								
			GS	TEMP								
5	DROP#11	0	271	320/150	294	176	29000M	114	00+42	08:18		
N 40 15.00	unk				16.2E	284		1918	08:18			
W145 00.00	16.2E		254	24	278	162	-30C	1371	05+09			
.TP 16	DROP#12	0	256	320/130	281	175	29000M	119	00+36	08:53		
N 39 45.00	unk				15.7E	283		2037	08:53			
W147 30.00	15.7E		240	24	264	200	-30C	1252	04+33			
.TP 17	DROP#13	0	223	310/120	249	174	29000M	102	00+25	09:18		
N 38 30.00	unk				15.1E	281		2139	09:18			
W149 00.00	15.1E		208	25	233	247	-30C	1150	04+08			
.TP 18	DROP#14	0	210	320/090	227	173	29000M	121	00+24	09:42		
N 36 45.00	unk				14.4E	280		2260	09:42			
W150 15.00	14.4E		195	18	212	298	-30C	1029	03+44			
.TP 19	DROP#15	0	210	320/100	230	172	29000M	121	00+25	10:07		
N 35 00.00	unk				13.8E	279		2381	10:07			
W151 30.00	13.8E		196	20	216	296	-30C	908	03+20			
.TP 20	DROP#16	0	203	300/090	222	172	29000M	130	00+28	10:35		
N 33 00.00	unk				13.2E	278		2511	10:35			
W152 30.00	13.2E		189	19	208	275	-30C	778	02+51			
.TP 21	DROP#17	0	203	320/080	218	171	29000M	130	00+26	11:01		
N 31 00.00	unk				12.6E	277		2641	11:01			
W153 30.00	12.6E		190	15	205	304	-30C	647	02+26			
.TP 22	DROP#18	0	204	320/070	217	170	29000M	131	00+26	11:27		
N 29 00.00	unk				12.0E	276		2772	11:27			
W154 30.00	12.0E		191	13	204	300	-30C	517	01+59			
.TP 23	FIR--PHZH	0	198	330/060	208	169	29000M	188	00+36	12:04		
N 26 01.36	unk				11.3E	275		2960	12:04			
W155 35.15	11.3E		186	9	196	311	-30C	329	01+23			
.TP 24	ADIZ	0	199	330/060	208	169	29000M	6	00+01	12:05		
N 25 55.85	unk				11.3E	274		2966	12:05			
W155 37.25	11.3E		188	10	197	309	-30C	323	01+22			
APACK/W	KMKK/R004180	0	199	320/050	208	169	29000M	119	00+24	12:29		
N 24 02.62	unk 108X				10.9E	273		3085	12:29			
W156 19.17	10.9E 116.1		187	9	196	296	-30C	204	00+58			
TOADS/W	TOADS	0	195	320/050	204	168	29000M	79	00+16	12:45		
N 22 46.16	unk				10.6E	272		3164	12:45			
W156 41.76	10.6E		184	9	193	298	-30C	124	00+42			
MAGGI/W	MAGGI	0	195	290/040	204	175	24000M	58	00+13	12:58		
N 21 50.43	unk				10.4E	258		3222	12:58			
W156 57.94	10.4E		184	9	193	258	-23C	67	00+28			
BAMBO/W	BAMBO	0	230	280/030	230	N/A	10000M	40	00+10	13:08		
N 21 24.99	unk				10.3E	N/A		3261	13:08			
W157 30.60	10.3E		220	0	220	N/A	+5C	27	00+19			
GRITL/W	GRITL	0	230	090/010	228	207	5000M	8	00+02	13:10		
N 21 19.66	unk				10.3E	224		3270	13:10			
W157 37.40	10.3E		220	-2	218	232	+10C	19	00+17			
CKH/W	KOKO HEAD	0	230	090/010	228	208	5000M	6	00+02	13:12		
N 21 15.91	640 086X				11.0E	224		3276	13:12			
W157 42.18	11.0E 113.9		220	-2	218	231	+5C	13	00+15			
PHNL/R	HONOLULU	0	282		282		10M	13	00+15	13:27		
N 21 18.50	10 095X				11.0E			3289	13:27			
W157 55.83	11.0E 114.8		271	0	271		+15C	0	00+00			

ROUTE NAME: A:\WSRP37.rte

FORM: MPLAN_HL.FRM ver 1

NOAA/AOC/SED N49RE Flight Performance log

Project Name: W52001Project No. 101Flight No. RF11Flight ID: 010219NSED Crew: Hornbreast, SmithMission: Winter StormsPre-Flight: 1810Z Take-Off: 2000

Z Landing:

Z

SYSTEM			Pre-Flight Check	In-Flight	Post-Flight Check	
N A V	IRS #1		<i>chk</i>			
	IRS #2		<i>chk</i>			
	GPS Honeywell #1		<i>chk</i>			
	GPS Honeywell #2		<i>chk</i>			
	GPS Collins		<i>chk</i>			
Nose Radar - Collins				(2+4)	Off? ☒ Fail Off? ☐	
T E M P	Time	Temp °C			Time	Temp °C
	Temp #1	1852	25.3	<i>chk</i>	0344	25.5
	Temp #2		30.8	<i>chk</i>		25.4
	Temp #3		25.0	<i>chk</i>		25.4
	Temp #4		32.8	<i>chk</i>		25.3
	DP Left		17.0	<i>chk</i>	Cal. Time: 2045	15.6
	DP Right		19.9	<i>chk</i>	Cal. Time: 2045	16.1
P R E S S	Attack Angle (ADCAOA)		<i>chk</i>			
	Slip Angle (BPx/DxPx)		<i>chk</i>			
	Differential (QC1/QC2)		<i>chk</i>			
	Absolute (PS1/PS2)		<i>chk</i>			
	Check Radome Press. Lines ☒		Date: 2/10/01			
S Y S T E M	Down Port ⇒ Open? ☒		<i>chk</i>		Closed? ☒ <i>NR</i>	
	MADS (WINDS/DISCWIN)		<i>chk</i>		# DATs:	
	MADS Printer1 ON⇒Paper? ☒		<i>chk</i>		Printer Power off? ☒	
	MADS Printer2 ON⇒Paper? ☒		<i>chk</i>		Printer Power off? ☒	
	HAPS System / Time set? ☒		<i>JAS</i>		# Msg.: # Fail:	
	AVAPS System		<i>JAS</i>			
	MADS Cal Date: 1/18/01		QC Time: 1902	Cal? ☐ Initial:	QC Time: 0343	
	Exterior Walk Around ☒		<i>chk</i>			
	Inspect DropSonde Chute Bolts		<i>JAS</i>			
M I S C	Satcom (Flight Phone) ☒		<i>chk/JAS</i>		Off CB? ☐	
	Call COMSAT? ☒ (*292#)		<i>chk/JAS</i>			
	FCU/UPS/CB		CB's Checked? ☒ <i>chk</i>		UPS off? ☐	
	AVAPS Sondes		# On Board: 47	# Dropped: 20	# Good: 18	
	APN-232 Altimeter		<i>chk</i>			
	Modem Power On? ☒		<i>chk</i>			
	Additional Instrumentation: AL Ozone Data System and Inlet Probe		Inlet Cap Removed? ☒	After Takeoff L1 400Hz CB ON? ☒ 2000 Before Landing Probe Temp >= 40C? ☒ After Engine Start L1 60 Hz IP CB ON? ☒ Computer ON? ☒	Computer OFF? ☐ L1 60Hz IP CB OFF? ☐ L1 400Hz CB OFF? ☐ Inlet Cap In place? ☐	
1 DAT Tape #1		On: 1943	Type: 60	Off: 0352		
Comments:						

Please Note Any Discrepancies

Item No.	Zulu Time	Problem Description & Observations	Emp. Initials
1		Suggest temp. mon. for Pumps on Ozone	yl
2	2220	GPS and no errors, just lost pos. Turned everything off and it came back	yl
3		alot of disconnects with modem	
4	0301	GPS Receiver Error Fail (RCUR A303) 23 0200 STO off Freq	yl
1	2008	check Ozone 42° + 43° Pump O.K.	yl
2	2048	Check Ozone 44° + 47° Pump O.K.	yl
3	2114	check Ozone 35° + 35° Pump O.K.	yl
4	2147	check Ozone 42° + 45° Pump O.K.	yl
5	2218	check Ozone 34° + 36° Pump O.K.	yl
6	2350	check Ozone 35° + 35° Pump O.K. Hot	yl
7	0021	check Ozone 45° + 46° Pump O.K. Hot	yl
8	0136	check Ozone 33° + 34° Pump O.K. Hot	yl