

000127N WSA-2000 FLIGHT 3

Time	LAT	LONG	TR	WD	WS	GA	PA	TA	TD	PS			
2017	61 10	149 59					413	0.9	-1.0	964.6			
203130	61 15	50 07	273	147	13	1351	1456	-7.5	-10.8	800		BLOCK OUT	
203545	61 02	150 17	199	143	20	4166	4845	-31	-27	545		↑	
204030	60 37	150 39	204	148	21	6778	7660	-53	-49	369		↑	
210745	57 44	152 23	208.5	199	28.5	-48.6	-62.5	11068	11971	193.7		—	
212325	56 11	153 54	209	207	27	-47.3	-58.9	11080	11936	194		Drop 1 Good	
213936	54 35	155 30	210	211	26	11901	11950	-44.0	-57.7	194		Drop 2 Good	
215537	52 00	157 00	203	220	25	11141	11954	-43.5	-56.5	194		Drop 3 "	
220746	51 30	158 00	203	229.8	28	11185	11956	-42.7	-56.5	194		Drop 4 "	
222357	50 00	159 00	203	244	27	11237	11956	-41.9	-56.5	194		Drop 5 "	
224153	48 00	160 00	208	253	29	11310	11954	-43	-56	194		Drop 6 "	
225944	46 00	161 00	199.9	260	35	11404	11954	-42	-56	194		Drop 7 "	#16
231800	43 59	161 57	~	267	43	11526	11958	-46	-57	194		Drop 8 "	46 150 40
233137	42 20	160 40	149	274	45.5	11632	11957	-46.5	-58.6	194		Drop 9 "	45
234523	40 40	159 20	148	276	47	11767	11954	-51.6	-60.1	194		Drop 10 "	
235907	39 04	157 56	~	295	48	12484	12556	-58	-63	176		Drop 11 "	
001152	40 00	156 00	56.5	280	50	12421	12548	-59	-64	176		Drop 12 "	
002436	41 00	154 00	57.5	278	51	12369	12548	-55	-64	176		Drop 13 "	
003700	42.0	152	30.2	276	50	12228	12545	-53.9	-62.4	176		Drop 14 Good	
005300	44.0	151	12.9	262	47	12244	12551	-52.2	-61.4	176		Drop 15 No Winds	
0055	44.3	151.2	13.10	26.1	42	12228	12548	-52.1	-61.3	176		Drop 15.6/4	
010800	45.0	-150.6	12.7	255	41.5	12110	12545	-50.3	-60.7	176		Drop 16	
012249	48 00	150 00	3.7	246	45	12072	12542	-45.9	-58.7	176		Drop 17	
013732	50 00	150 00	0.6	245	38	11982	12539	-43.7	-57.7	176		Drop 18	
015225	52 00	149.9	359.9	241	29.9	11916	12539	-42.3	-56.8	176		Drop 19	
020700	53.98	150.0	357	240	35	11845	12537	-43.2	-57.1	176		Drop 20	
021957	55 42	150 12	355	232	27.7	11782	12538	-43.2	-57.0	176.4		Drop 21	
023615	57.51	150 36	348	242	27	11734	12535	-46.7	-58.3	176.6			
0254	60 09	150 48	1.6	197	8.7	8015	8900	-54	-60	318		↓	
030345	61 07	150 18	22	80	6.8	485	1396	-4.8	-6.3	871		↓	

N49RF AVAPS DropSonde Log

N49RF Project: Winter Storms '00

Flight ID 000127N

Mission: Flt Track 17

Flight #: 3

System Status: ✓

Drop #	Sonde Serial Number	Chn. #	Time (Zulu)	Press. offset	Winds time	Operator Initials	Comments / Drop Status/ Failure Reason	GOOD ☒ / B
1	990 415 346	5	2123	0.8	15	TL		✓
2	984 325 017	5	2139	0.7	31	TL		✓
3	990 415 345	5	2155	0.5	15	TL		✓
4	991 515 232	6	2209	0.5	15	TL		✓
5	983 620 746	5	2223	0.9	13	TL		✓
6	983 340 077	5	2241	0.6	11	TL		✓
7	984 325 498	5	2259	0.4	18	TL		✓
8	992 538 019	5	2318	0.5	27	TL		✓
9	990 415 088	6	2331	0.6	31	TL		✓
10	992 455 464	5	2345	0.7	24	TL		✓
11	992 455 319	6	2359	0.6	63	TL		✓
12	983 620 544	5	0011	1.1	19	TL		✓
13	991 845 204	6	0024	1.1	26	TL		✓
14	983 620 558	5	0037	0.7	12	TL		✓
15	984 925 078	6	0053	0.8	24	TL	Bad Telemetry	—
16	983 620 752	5	0055	0.3	11	TL	Backup	✓
17	983 410 153	7	0108	0.2	12	TL		✓
18	984 325 409	5	0122	0.5	16	TL		✓
19	992 645 010	6	0137	0.5	28	TL		✓
20	983 620 754	5	0152	0.8	24	TL		✓
21	990 235 009	6	0207	0.8	31	TL		✓
22	983 310 200	5	0220	0.6	32	TL		✓
23	984 325 564							
24								
25								
26								
27								
28								
29								
30								
31								
32								
33								

* moved PI data from ch 2 to ch 1 on Right Aups

WINTER STORMS RECONNAISSANCE: TRACK 17

Proposed takeoff: 27 January 2000, 2030Z

Aircraft Type: G-IV

CallSign: NOAA 49

Altitude: FL370-430

TRACK DISTANCE TABLE

#	LAT (d m)	LON (d/m)	LEG (nm)	TOTAL (nm)	TIME (h:mm)
0	PANC		0.	0.	0:00
1	HOM		98.	98.	0:23
2	ODK		120.	218.	0:40
3	53 00	157 00	328.	545.	1:24
4	50 00	159 00	195.	741.	1:51
5	44 00	162 00	381.	1122.	2:42
6	39 00	158 00	350.	1472.	3:30
7	42 00	152 00	328.	1800.	4:14
8	48 00	150 00	370.	2170.	5:05
9	54 00	150 00	361.	2531.	5:54
10	MARLO		209.	2740.	6:22
11	HOM		138.	2878.	6:41
12	PANC		98.	2976.	7:04

WINTER STORMS RECONNAISSANCE: TRACK 17

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Aircraft Type: G-IV

CallSign: NOAA 49

Altitude: FL370-430

DROP LOCATIONS

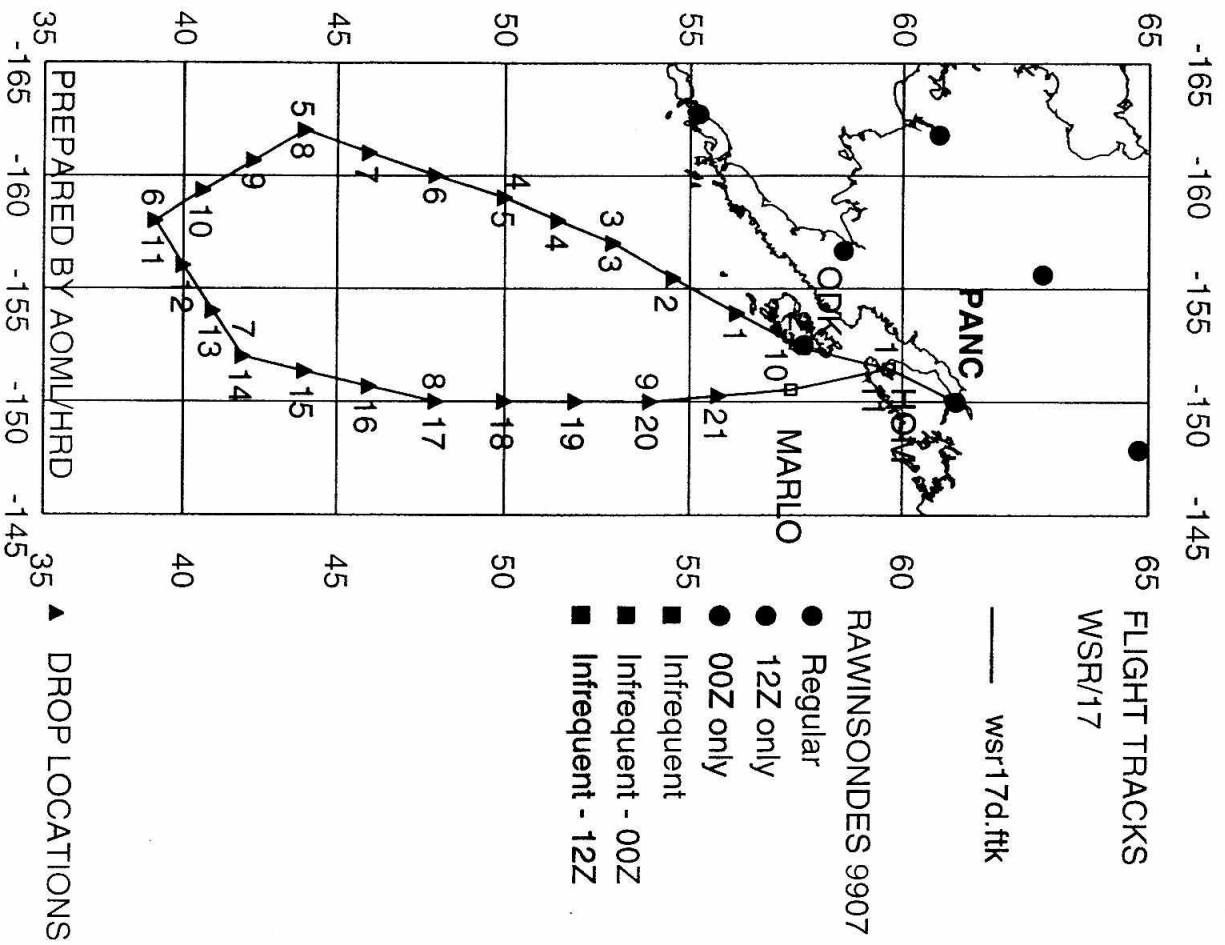
#	LAT (d m)	LON (d m)	TIME (h:mm)
1	56 11	153 54	0:54
2	54 35	155 27	1:09
3	53 00	157 00	1:24
4	51 30	158 00	1:37
5	50 00	159 00	1:51
6	48 00	160 00	2:08
7	46 00	161 00	2:25
8	44 00	162 00	2:42
9	42 20	160 40	2:58
10	40 40	159 20	3:14
11	39 00	158 00	3:30
12	40 00	156 00	3:45
13	41 00	154 00	4:00
14	42 00	152 00	4:14
0053 15	44 00	151 20	4:31
0108 16	46 00	150 40	4:48
0123 17	48 00	150 00	5:05
18	50 00	150 00	5:21
19	52 00	150 00	5:37
20	54 00	150 00	5:54
21	55 44	150 16	6:08

260/50k⁺ onde 270/22m/s

- SFC 230/30

- Start from 262/45-46 Ed from 271/42 SFC 270-280/30-35
- 82m/s in jet

2030 - 0015



NOAA/AOC/SED N49RF Flight Performance log

N49RF Project: Winter Storms 2K Project No. 435 Flight No. 3 Flight ID: 000127NSED Crew: Hill, Lynch, Parrish, Lino Mission: FLTRK 17Pre-Flight: 1950 Z Take-Off: 2030 Z Landing: 0307 Z

SYSTEM			Pre-Flight Check	In-Flight	Post-Flight Check	
N A V	IRS #1		JH	JH	JH	
	IRS #2					
	IRS #3					
	GPS Honeywell #1		JH			
	GPS Honeywell #2		JH			
	GPS Collins		JH		Off? ☐	
Nose Radar - Collins			JH		Off? ☐ JH	
T E M P	Time	Temp °C	JH		Time	Temp °C
	Temp #1	1951 3.9	1		0308	.4
	Temp #2	2.4				.6
	Temp #3	2.8				.5
	Temp #4	3.1				.8
	DP Left	-17.2		Cal. Time:		2.5
	DP Right	1951 -19.5	JH	Cal. Time:	0308	.9
P R E S S	Attack Angle (ADCAOA)		JH		JH	
	Slip Angle (BPx/DxPx)		JH			
	Differential (PQ1/PQ2)		JH			
	Absolute (PS1/PS2)		JH			
	Check Radome Press. Lines ☒		Date:		JH	
S Y S T E M S	DOWN PRT-5 ⇒ Open? ☐		Not installed		Closed? ☒ JH	
	MADS (WINDS/DISCWIN)		JH		# DATs: 1	
	MADS Printer ⇒ Paper? ☒		JH		Printer Power off? ☐ JH	
	MADS Cal. Date: 1/14/00		QC time: 2016		QC time: 0310	
	WINDS ⇒ NET BCAST ☒		JH			
	HAPS System / Time set? ☒		JH		# Msg.: 22 # Fail: 16	
	AVAPS System		JH		JH	
	K2 Printer ⇒ Paper? ☒		JH		Printer Power off? ☐	
	Exterior Walk Around ☒		GK			
	Inspect DropSonde Chute Bolts		JH			
M I S C	Satcom (Flight Phone) ☒		TL		Off CB? ☐	
	Call COMSAT? ☒ (*292#)		JH			
	FCU/UPS/CB		CB's Checked? ☒ JH	JH	UPS off? ☒ JH	
	AVAPS Sondes		# On Board: 92	# Dropped: 22	# Good: 21	
	AXBT		# On Board: —	# Dropped: —	# Good: —	
	APN-232 Altimeter		JH		JH	
	Modem Power On? ☒		JH		JH	

1	DAT Tape #1	On: 1949	Type: 60M	Off: 0312
2	DAT Tape #2	On:	Type:	Off:

Comments:

Please Note Any Discrepancies

[illegible]