

FM: DALLAS

TO: Phoenix → Hawaii

FLT NO:

BLK IN: 1703 0106

RTA: 1656/0104

ETD: 15Z

BLK OUT: 1445/1835

RTD: 150071846

ETE: 7.5

BLK TIME: 2:18 / 6:31 8.8

FLT TIME: 1:51

SPONSOR ORG: ADDS

PROGRAM: Winter Storm.
- Reconnaissance

PURPOSE: Ferry

DAO PERSONNEL

RC MAXSON ✓

SYS ENG PRADAS-BERGES

CP McCARDY FINKE ✓

DATA SYS ~~CONFIDENTIAL~~

~~YATES~~ YATES ✓

RADAR *MOBIL BREAK* ✓

FE KATSON

BT/ODW *CARSON VER* ✓

RADIO

CLD PHYS

FD PARISH / C2424K

DOPPLER

PARTICIPATING SCIENTIST/VISITORS/OAO

LAST, FIRST NAME

ACTIVITY ON A/C

AFFILIATION

5:40 P.M. ✓

P.T.

ETC

BLACK, M. ✓

12/13

1420

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

Ferry to Hawaii, stop in Phoenix.

31.8 106.10

3.2.15 10915

33 18, 111 35

2220 - Balanced TD (50%).

195345:- Dropped 2 dropsondes SW of San Diego
(Lund) Both drops good.

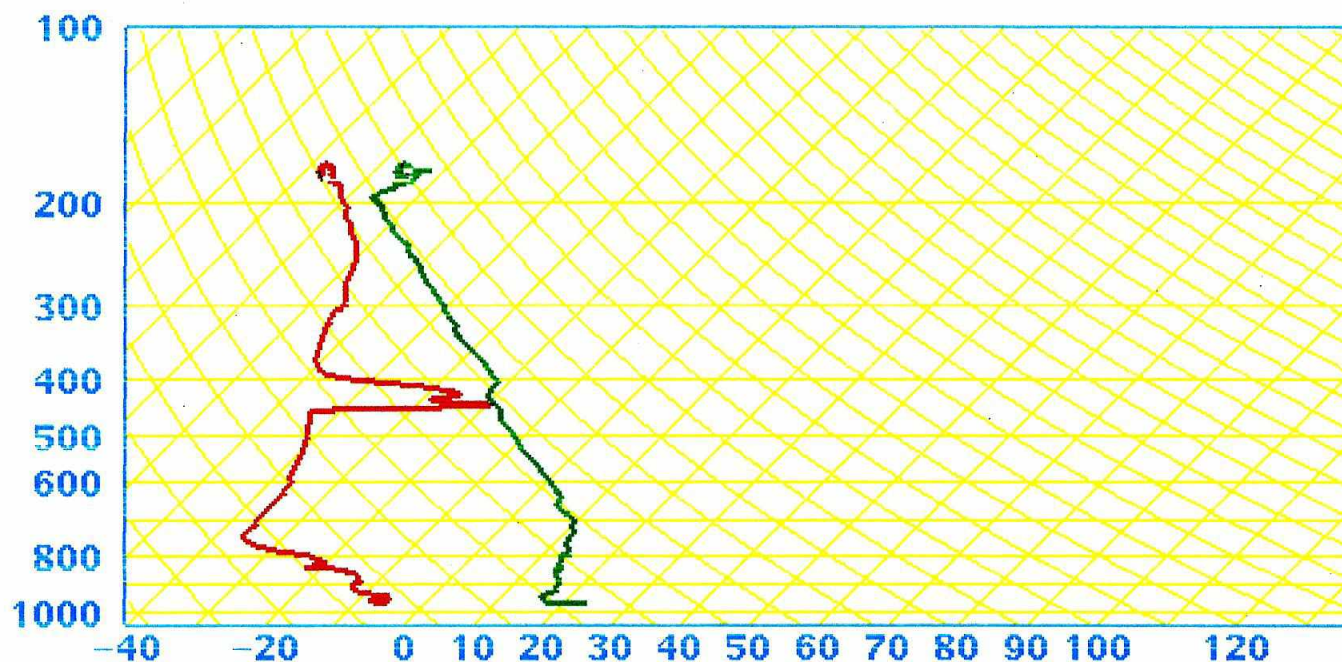
DS/5

9801150

WIND STORM SURVEILLANCE FERRY FM DALLAS

Time	LAT	LOD	YK	WD	WS	PA	GA	YA	TA	PS				
1507	3273	97 24		319	12	6660	7078	-25	-38	406.6	CLIMB OUT			
152430	3258	99 73		315	16	11927	12129	-64.5	-71.8	194				
154030	3240	102	264	335	17	12143	11929	-64	-70	195				
1600	3211	104.9		345	9	11927	12176	-57.8	-66	195				
164430	32 86	111.2	300	281	10	3180	3227	6.2	-31	698	↓ to KIDDA PDX			
1703	BLK	IN												
1835	33.3	-111.6						20.1	-6.4	969.9	BLK KIDDA			
185030	33.2	-111.6	194	188	4	1507	1522	13.5	-9.9	844	↑			
1919	32.8	115.0	469.7	295	24	12386	12665	-61.8	-70	179.8				
195345	3236	117.8	306	280	27	11206	11516	-57	-57	117.3	Dep CH ₂ CH ₂			
205230	3068	125.5	255	302	30	12530	12901	-60.4	-70.5	177				
214030	2906	131.7	252	321	22.6	12529	12985	-59.7	-68.9	176.7				
2237	26 43	139.2	237	344	16	13111	13636	-62.7	-70.3	160.3				
000030	2212	150.2	243	41	26	13106	13680	-63	-70	160				
0029	2099	154.2	265	92	15	7964	8331	-24	-43	358	↓ to Hawaii			
0106	2132	157.9						44.9	17.4	1016.7				

'skewt-load' (winds@eiger) Proj. 425 Flt 1a 01/15/99 19:23:48
18:32:38 to 19:23:48



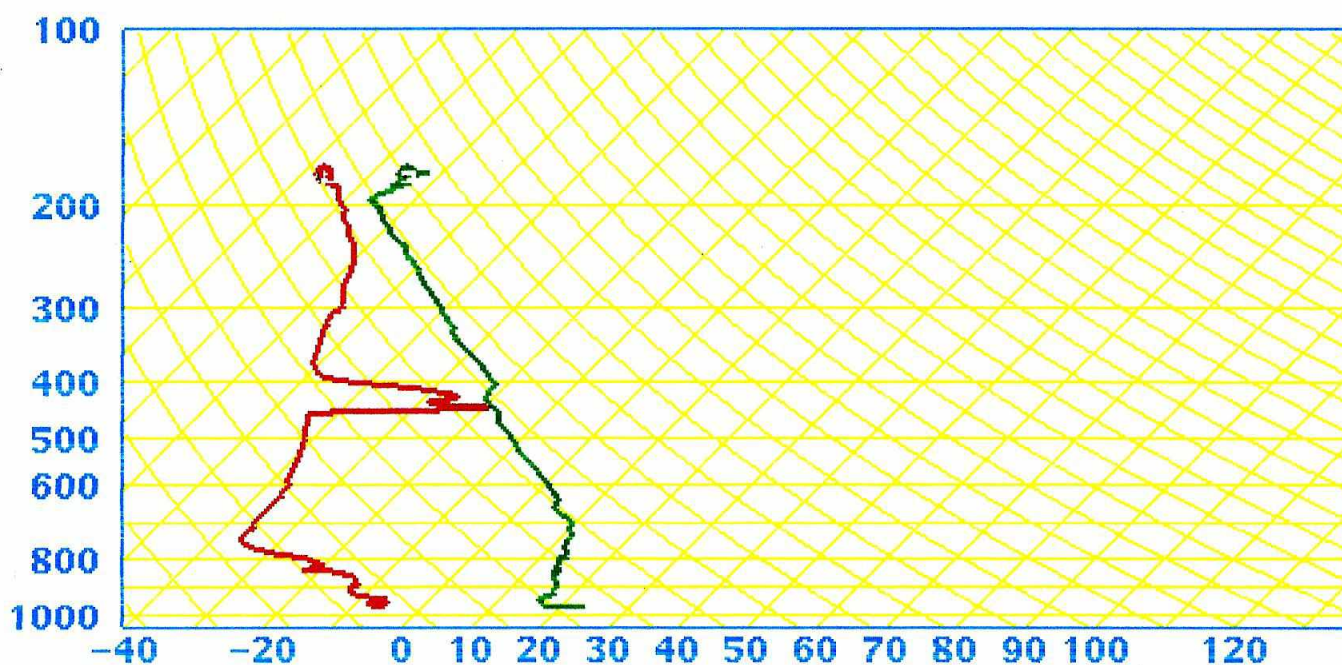
ATX (-64.53 C)

v. PSX (176.07 mbar)

DPXC (-75.18 C)

v. PSX (176.07 mbar)

'skewt-load' (winds@eiger) Proj. 425 Flt 1a 01/15/99 19:24:22
18:32:38 to 19:24:22



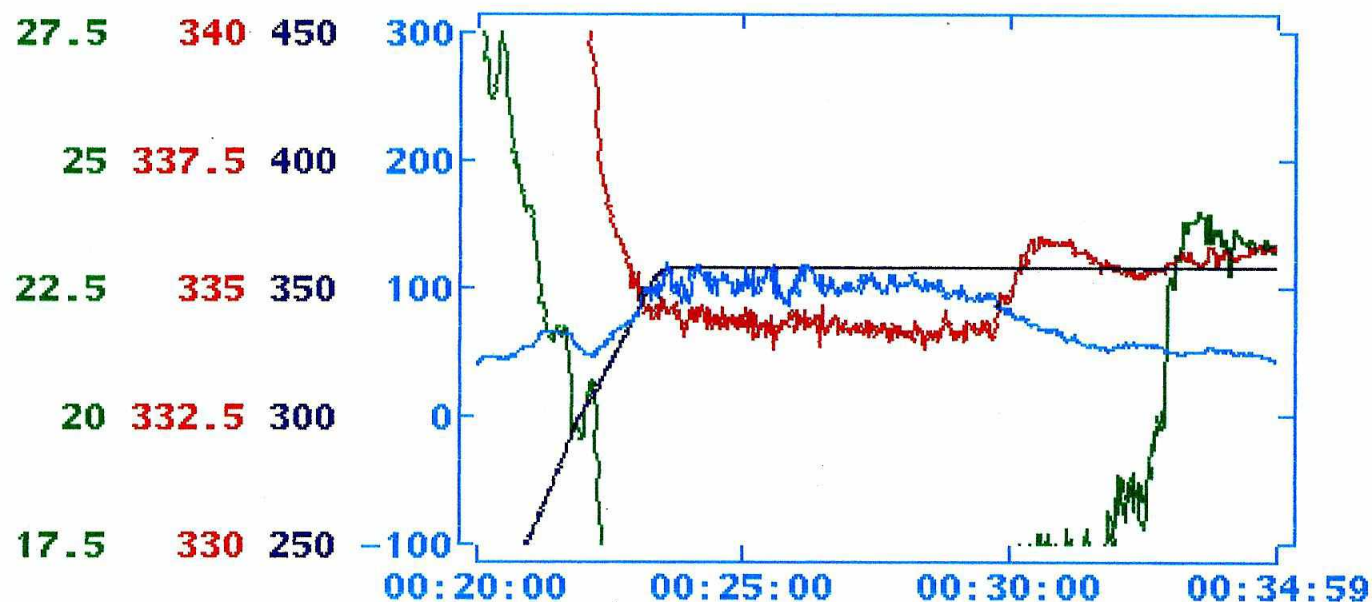
ATX (-63.84 C)

v. PSX (176.15 mbar)

DPXC (-75.26 C)

v. PSX (176.15 mbar)

'traces' (winds@denali) Proj. 425 Flt 1a Jan-16-99 00:34:59



WS (23.351 M/s)

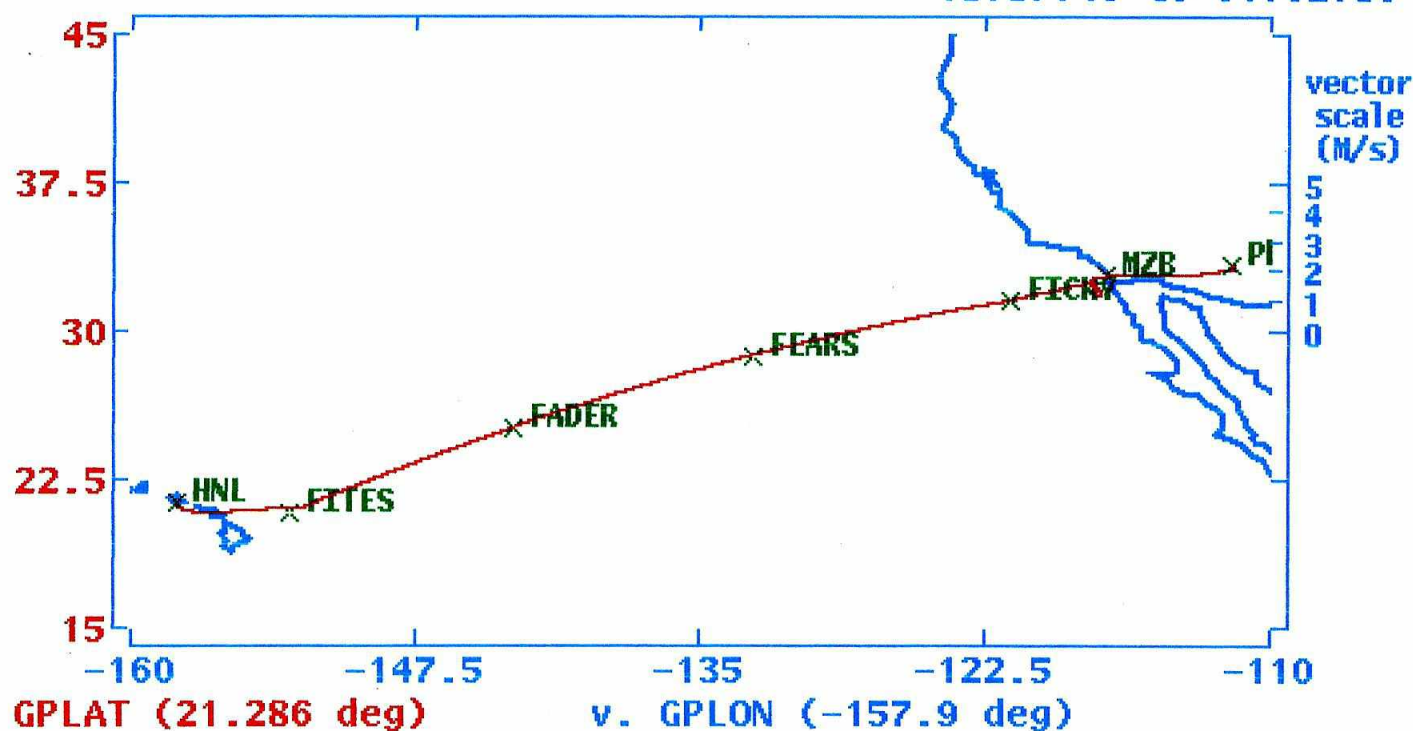
THETA (335.85 K)

PS1M (357.63 mbar)

WD (42.542 deg)

'Cal-Hawaii' (winds@k2) Proj. 425 Flt 1a Jan-16-99 01:02:36

18:37:46 to 01:02:36



NOAA/AOC/SED N49RF Flight Performance log

N49RF Project: Winter Storms 99 Project No. 425 Flight No. 1/1a Flight ID: 990115N
 SED Crew: Pradas, Hornbrook, Carpenter Mission: Ferry → Hawaii (Phoenix)
 Pre-Flight: 1330 Z Take-Off: 1500/1846 Z Landing: 0104 Z

SYSTEM				Pre-Flight Check	In-Flight	Post-Flight	
N A V	IRS #1			DWC			
	IRS #2			DWC			
	IRS #3			DWC			
	GPS Honeywell #1			DWC			
	GPS Honeywell #2			DWC			
	GPS Collins			DWC		Off? ☒	
	Nose Radar -Collins			DWC		Off? ☒	
		Time	Temp °C			Time	Temp °C
	Temp #1	1401Z	3.16	DWC			
T	Temp #2		2.27				
E	Temp #3		3.23				
M	Temp #4		2.62				
P	DP Left			DWC	Cal. Time: 2600		
	DP Right			DWC	Cal. Time: 2000		
P	Attack Angle (ADCAOA)			DWC			
R	Slip Angle (BP/DBP)			DWC			
E	Differential (PQ1/PQ2)						
S	Absolute (PS1/PS2)						
S	Check Radome Press. Lines ☒			Date: JAN 14, '99			
S	DOWN PRT-5 ⇒ Open? ☐			N/I		Closed? ☒	
Y	MADS (WINDS/DISCWIN)			DWC		# DATs: 2	
S	MADS Printer ⇒ Paper? ☒			DWC		Printer Power off? ☐	
T	MADS Cal. Date: 990115			QC time: 1827Z		QC time: 0107Z	
E	WINDS ⇒ NET BCAST ☒			DWC			
M	HAPS System / Time set? ☒			HRD		# Msg.: 0 # Fail: 0	
S	AVAPS System / Time set? ☒			DWC			
	AVAPS Printer ⇒ Paper? ☒			OK			
	Exterior Walk Around ☒			DWC			
	Inspect DropSonde Chute Bolts			OK			
	Satcom (Flight Phone) ☒			DWC		Off CB? ☒	
	Call COMSAT? ☒ (*292#)			DWC			
M	FCU/UPS/CB			CB's Checked? ☒ DWC		UPS off? ☒	
I	AVAPS Sondes			# On Board: 50	# Dropped: 2	# Good: 2	
S	AXBT			# On Board: 0	# Dropped:	# Good: —	
C	APN-232						
	Modem Power On? ☒			OK			

1	DAT Tape #1	On: 1557/1825	Type: V60/V60	Off: 1658/0114
2	DAT Tape #2	On:	Type:	Off:
Comments:				
CAI @ 0042				

Please Note Any Discrepancies

[illegible]