

U.S. DEPT. COMM./NOAA/DAO - DATA SECTION WORK FORM NO.1 OROWF1 FILE

FLT ID: 970913 ^u	FM: MCF/KPHX	TO: KPHX/KLBG
FLT NO: 97-024	BLK IN:	ATA:
ETD: 1930	BLK OUT: 1344	RTD: 1356
ETE: 7+30	BLK TIME:	FLT TIME:
SPONSOR ORG: NWS	PROGRAM: NHC	PURPOSE: Surveillance

DAO PERSONNEL

AC PLAYER ✓	SYS ENG JCPB ✓
CP Kimbrey ✓ / MAXSON	DATA SYS Hill ✓
NAV	RADAR
FE KIDSON	BT/ODW GOLDSTEIN
RADIO	CLD PHYS
FD WHITE ✓	DOPPLER

PARTICIPATING SCIENTIST/VISITORS/DAO

LAST, FIRST NAME	ACTIVITY ON A/C	AFFILIATION
FRANKLIN ✓		
GOLDENBERG ✓		
KROLL, D ✓ #3		

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

"I" 1255Z 5060/5 26/22 CALM 3007 RWY 4

"F" 1656Z 102800^u 1405CT 34/19 2987 RWY 8

29.86 1922Z

29.86 1 1

Modified track delete 20/21/22 Fly #19 → #23

"G" 0157Z 270/9 V10 CLR 24/19 29.80 30 ILS

U.S. DEPT. COMM./NOAA/OAO - DATA SECTION WORK FORM NO.2 OROWF2 FIL

FLT ID: 970913u

TIME OFF:

TIME ON:

	A/C T/O	WX STN	A/C LAND	WX STN
PRESSURE				

NO		DATA DISPOSITION/DATE/QUALITY
1/SEC FLT LVL TAPES	4	
FAST FLT LVL TAPES		
RADAR TAPES		
DOPPLER TAPES		
DDW CASSETTES		
HARD COPIES		
AXBT		
AXCP		
DDW GPS		1 test sound 21 mission
X found		23/22 Gosec 21 MSGS
	50%	SATCOM

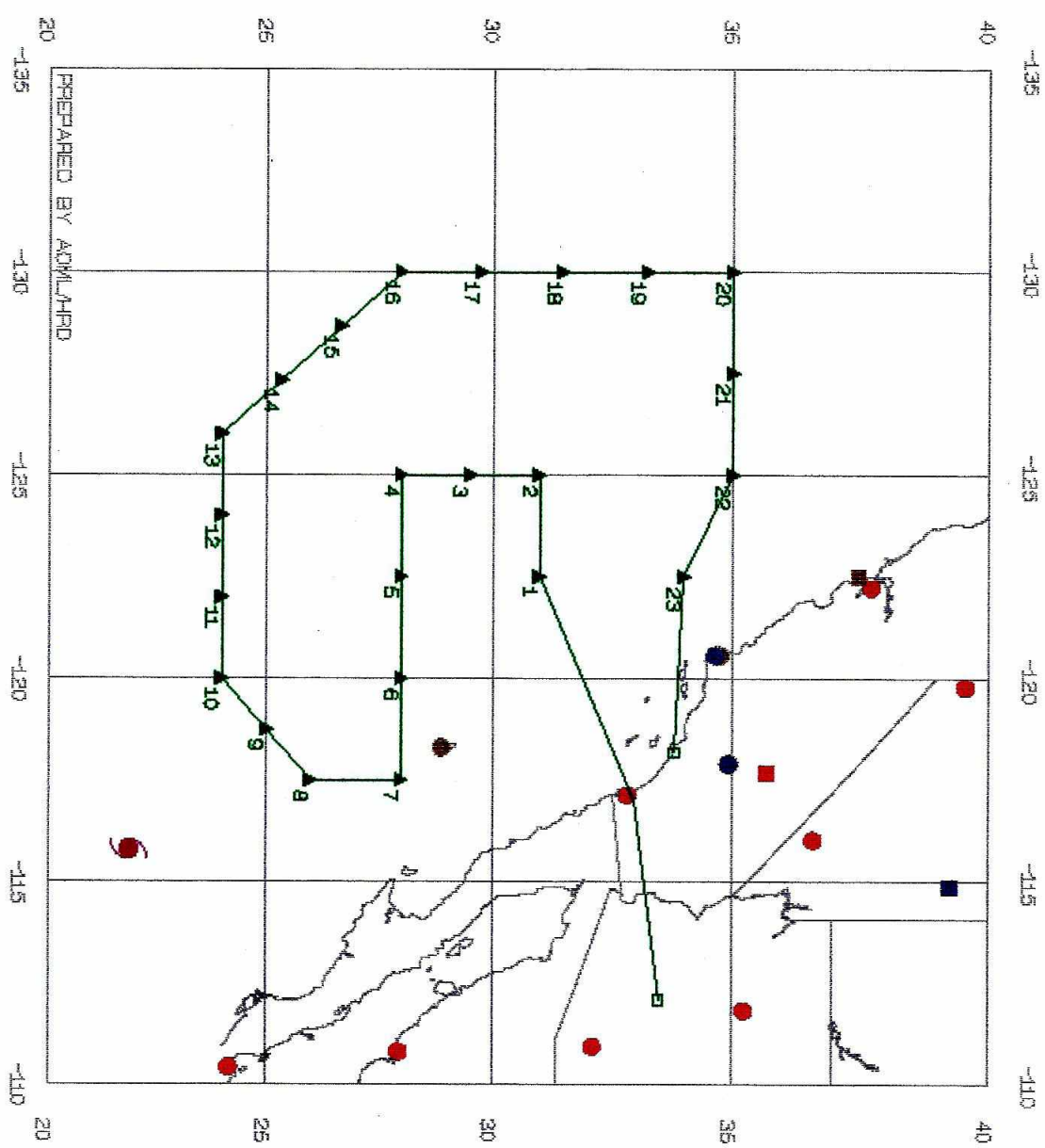
PHOTOGRAPHY					
	FWD	LS	RS	VERT	
ON	N	N	N	N	
OFF	N				
RATE					

REMARKS

970913 u

5101745-~~3242~~
3403

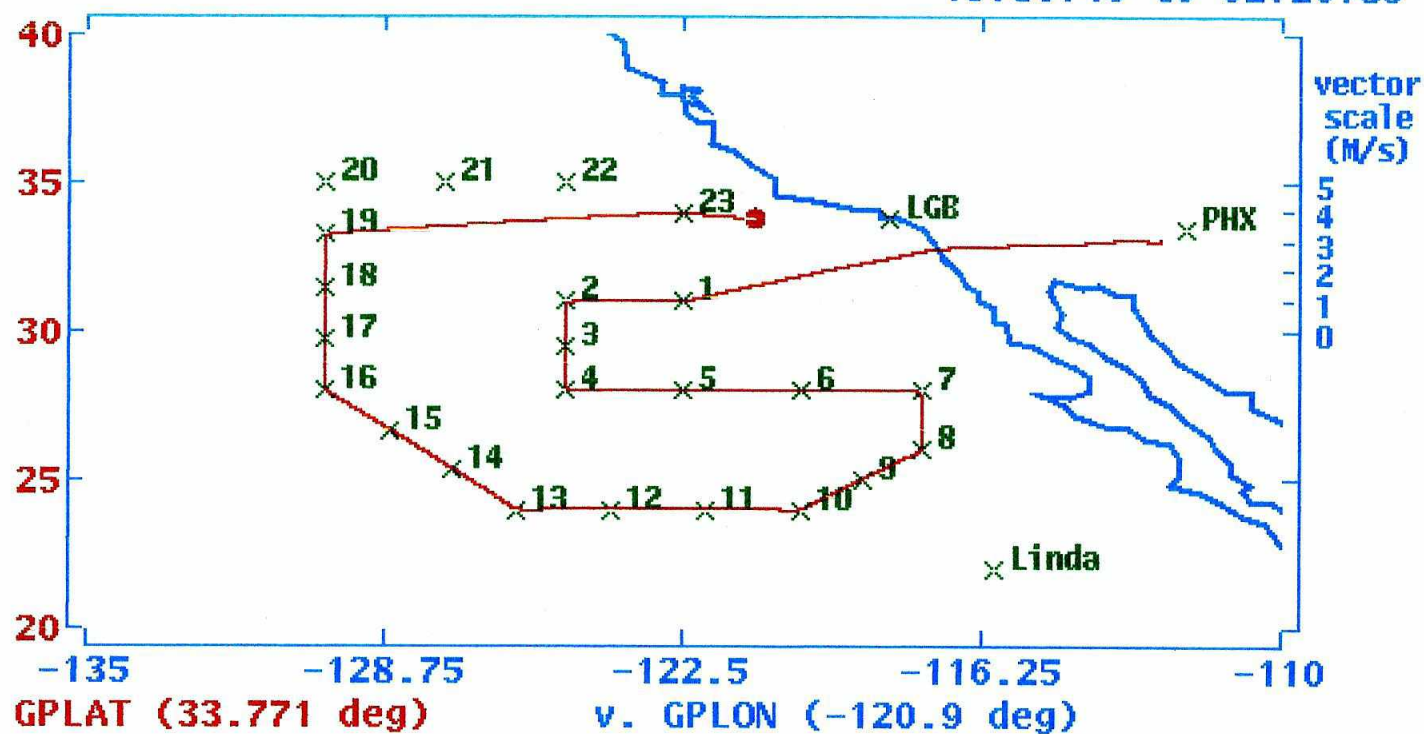
[illegible]



FLIGHT TRACKS
 — 970913n.ftk

- RAWINSONDES 9605
- Regular
 - 12Z only
 - 00Z only
 - Infrequent
 - Infrequent - 00Z
 - Infrequent - 12Z

'970913n sondetrk' (winds@eiaer) Proj. 410 Flt 8 Sep-14-97 02:
19:36:40 to 02:26:35



NOAA/AOC/SED Flight Performance log - N49RF

N49RF Project: Hurricane 97 Project No 410 Flight No. 8 Flight ID: 970913N

SED Crew: JCPB, JWH, ASG, White Mission: Hurricane Linda

Pre-Flight: 1245 Z Take-Off: 1356 / 1927 Z Landing: 1745 / 0253 Z

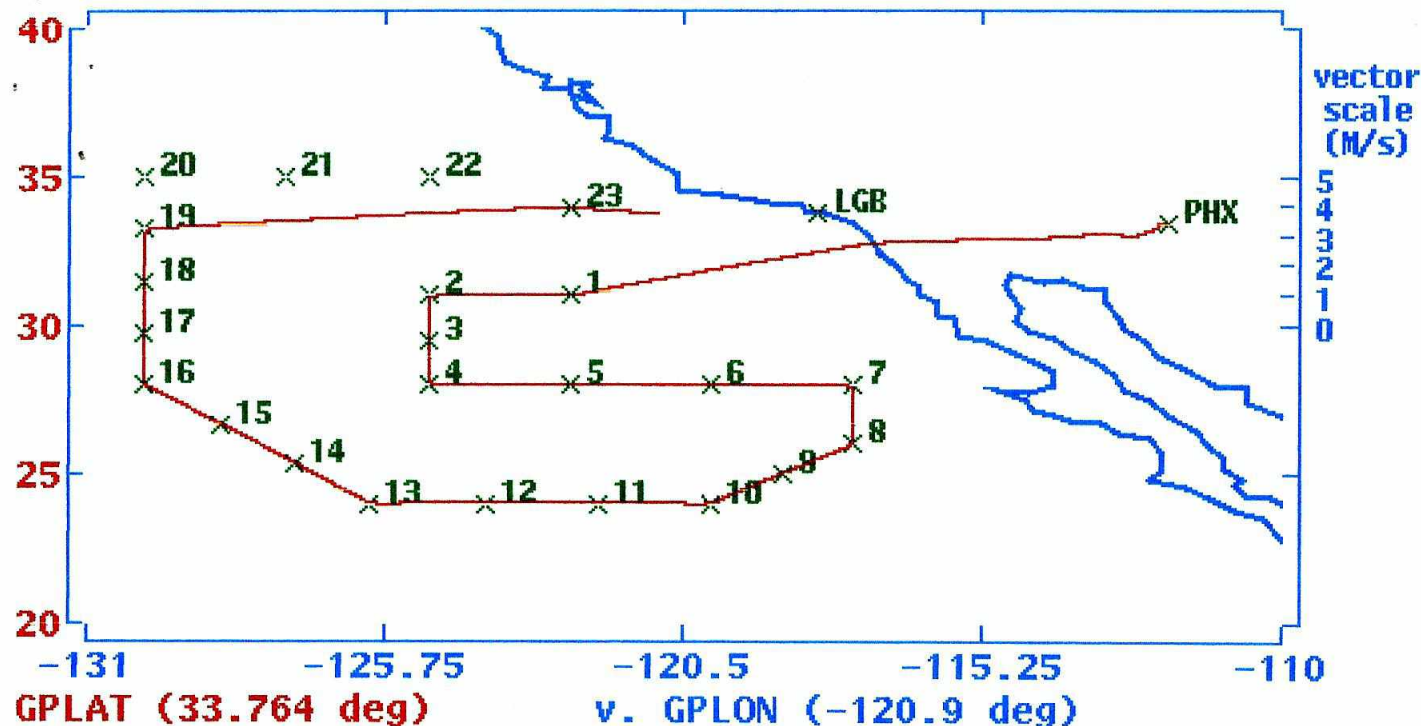
SYSTEM			Pre-Flight	In-Flight	Post-Flight	
N A V	IRS #1	✓	JCPB			
	IRS #2	✓				
	IRS #3	✓				
	GPS Honeywell #1	✓		①		
	GPS Honeywell #2	✓				
	GPS Collins	② FM1				
	Nose Radar Collins		↓		Off? ☐	
		Time	Temp °C		Time	Temp °C
T E M P	Temp #1	1324	35.8	ANB		
	Temp #2		28.3			
	Temp #3		34.7			
	Temp #4		28.5			
	DP Left		21.9		Cal. Time: 1435	
	DP Right		22.5	↓	Cal. Time: 1436	
P	Attack Angle (ADCAOA)		0.4			
R	Slip Angle (BP/DBP)		0.07, 0.003			
E	Differential (PQ1/PQ2)		-0.17, -0.675			
S	Absolute (PS1/PS2)		1017.9, 1018.5			
S	Check Radome Press. Lines		✓ JCPB			
S	DOWN PRT-5 ⇌ Open? ☒		JCPB		Closed? ☒	
Y	MADS (WINDS/DISCWIN)		✓ JCPB		# DATs: 1	
S	MADS Printer ⇌ Paper? ☒		✓ JCPB			
T	MADS Cal. Date: 970913		QC time: 1604	②	QC time: 0254	
E	WINDS ⇌ NET BCAST ☒		JCPB			
M	HAPS System		✓ ASG		# Msg.: 22 # Attempts: 20	
S	AVAPS System / Time set? ☒		✓ ASG			
	AVAPS Printer ⇌ Paper? ☒		✓ JCPB			
	Exterior Walk Around		JCPB ✓			
	Inspect DropSonde Chute Bolts		JCPB ✓			
	Satcom (Flight Phone)		✓ JWH		Off CB? ☒	
	Call COMSAT? ☒ (*292#)		✓ JWH			
M	FCU/UPS/CB		CB's Checked? ☒		UPS off? ☒	
I	AVAPS Sondes		#On Board: 90	#Dropped: 23	#Good: 22	
S	AXBT		#On Board: 0	#Dropped: —	#Good: —	
C	APN-232		✓ JCPB			
	Modem Power On? ☒		✓ JCPB			

1	DAT Tape #1		On: 13:36 / 1900	Off: 1746 / 0255
2	DAT Tape #2		On:	Off:
Comments: When SYS 2 is selected on nose radar, the pilot control unit controls range for both cockpit displays. Left WX Radar display wavering & blurry				

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[illegible]

'hurricane-97' (winds@rainier) Proj. 410 Flt 8 Sep-14-97 02:26
18:54:42 to 02:26:51



'icbb1' (winds@rainier) Proj. 410 Flt 8 Sep-14-97 02:26:53

AT1	-63.96 C	THDG	105.99 deg
IAS	220.59 Kts	TKAT	96.149 deg
ATTACK	3.6274 deg	SSLIP	1.2925 deg
ROLL	-0.048 deg	PITCH	0.9322 deg
GPALT	13952. M	PALTF	43963. feet
HGALT	13876. M	TAS1	233.40 M/s
HGM232	13911. M	GSF	259.17 M/s
PS1C	152.66 mbar	GPLAT	33.763 deg
PS2C	154.73 mbar	GPLON	-120.9 deg
WS	40.179 M/s	WD	233.93 deg

N49RF Hurricane 97 AVAPS DropSonde Log

N49RF Project: Hurricane 97

Flight ID: 970913N

Mission: Human LINDA

Flight #: 8

System Status: OK

[illegible]