

FLT ID: 970914u

FM: KLG B

TO: K LGB

FLT NO: 97-

BLK IN:

ATA:

ETD: 1730Z

DLK OUT: 1724

ATD: 1731

ETE: 9700

BLK TIME:

FLT TIME:

SPONSOR ORG: . *NWJS*

PROGRAM: NHC

PURPOSE: Survival + Thrive

0A0 PERSONNEL

AC PLAYER

SYS ENG JCPB ✓

CP Finke ✓ / Maxson

DATA SYS 14:11 ✓

NAV

RADAR

FE kitten

DT/ODW Goldstein ✓

RADIO

CLD PHYS

FD White ✓

DOPPLER

PARTICIPATING SCIENTIST/VISITORS/OAO

LAST, FIRST NAME

ACTIVITY ON A/C

AFFILIATION

31 GOLDENBERG ✓

FRAKTION ✓

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

2. 02002 290/7 10L 505CT 90BkV 26/20 29.85 @ 30

U.S. DEPT. COMM./NOAA/OAO - DATA SECTION WORK FORM NO.2 OAOWF2 F11

FLT ID: 970914u

TIME OFF: 1731

TIME ON:

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

NO

DATA DISPOSITION/DATE/QUALITY

1/SEC FLT LVL TAPES	9	
FAST FLT LVL TAPES		
RADAR TAPES		
DOPPLER TAPES		
DDW CASSETTES		
HARD COPIES		
AXBT		
AXCP		
DDW GPS	31 Soundes	2 Fast Fall
	3 b/u	11 slow 11
		11 heel w/u

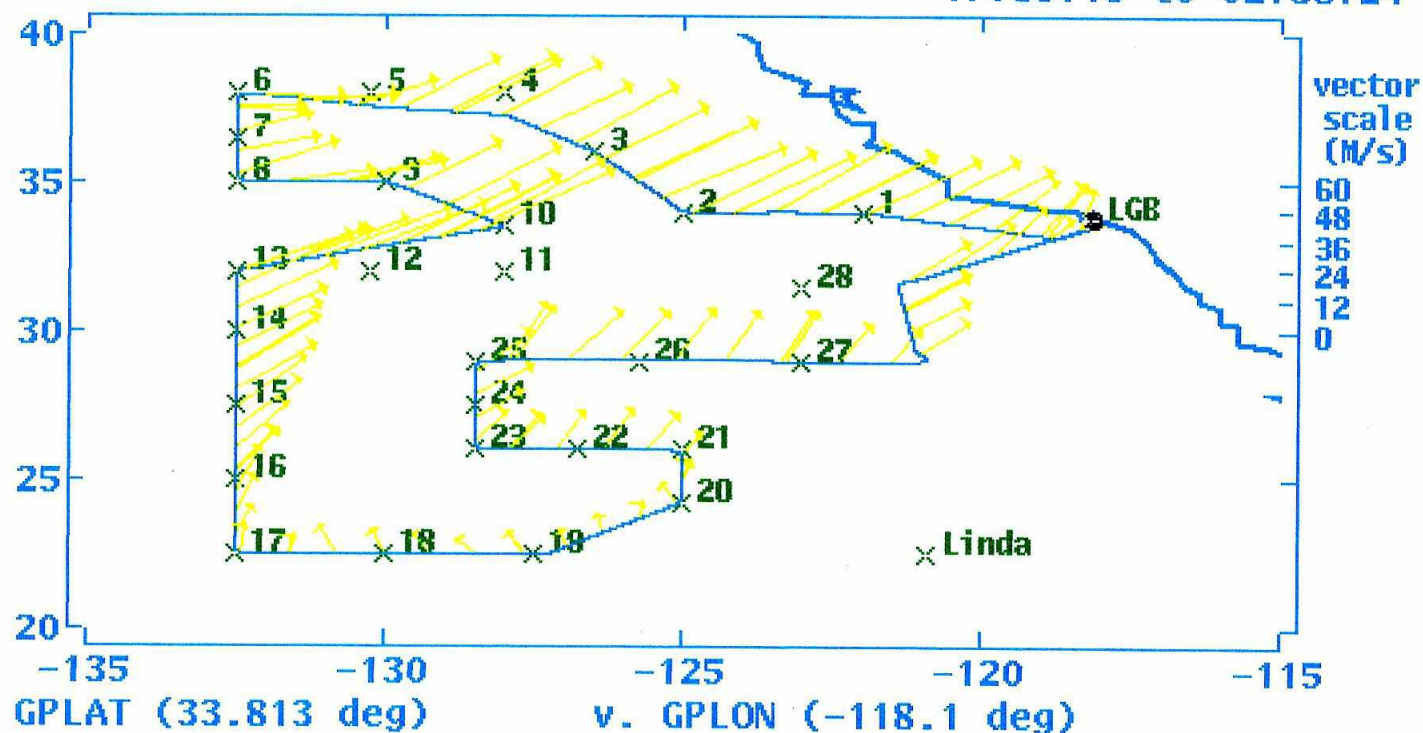
PHOTOGRAPHY

	FWD	LS	RS	VERT
ON	N	N	N	N
OFF				
RATE				

REMARKS

Time	LAT	CON	TH	TAS	TR	GS	WD	WS	DBP	PS	QC	Remarks
1719	3348	11801	ENG									
1724			AXL									
1731			TOFF									
181200	3400	12214	263	231	270	182	245	53	58.6	125	58.7	Drop#1
183630	3409	12506	314	231	328	218	245	53.5	57.5	125.7	87.3	Drop#2 slow fall
185500	3602	12602	315	234	328	224	243	50	59.1	121.7	89.6	Drop#3
191000	3714	12802	282	232	293	198	243	212.2	56.2	125.7	85.7	Drop#4
195000	3729	12958	272	227	279	194	242	39.8	54.5	125.9	81.2	Drop#5
195200	3754	13206	280	232	283	198	272	34	56.2	125	85.3	Drop#6
195600	3627	13229	187	232	180	223	258	34	57.2	125.9	86.3	Drop#7
201000	3500	13201	89	234	89	272	261	39	58	125	88	Drop#8
202000	3500	13011	91	232	89	272	252	42	57.2	125.8	87.3	Drop#9
203700	3336	12808	143	232	12	244	242	50.5	58.5	126	88.2	Drop#10
210600	3230	131	247	231	245	172	249	54.5	59.4	119	80.9	Drop#11
210900	3201	13224	247	229	247	170	252	52.9	53.0	119.5	80.2	Drop#12
214220	2930	13030	182	229	180	209	244	39.2	52.8	119.5	79.2	Drop#13
220000	2733	13229	185	228	179	205	233	36.5	52.2	119.5	79.7	Drop#14
222300	2452	13224	181	222	179	210	219	21.5	52.5	119.5	79.3	Drop#15
224600	2230	13009	89	229	89	230	186	8.0	53	119.5	80.5	Drop#16
230200	2231	13003	91	225	90	220	155	10.7	42.7	144.2	71.8	Drop#17
230400			Dalliance DP L/P									
230440	2231	12934	91	226	90	218	131	9.8	48	144.2	70.8	Drop#18
232200	2230	12927	91	225	90	219	143	10.9	48	144.2	71.8	Drop#19
235500	2322	12600	45	226	45	230	179	63	48	144	73	Drop#20
2345	2411	12503	49	226	48	228	147	9.6	48	144	73	Drop#21
000200	2600	12523	261	227	270	213	212	20	48	144	73	Drop#22
001200	2600	12641	264	226	269	212	218	21	48	144	72.7	Drop#23
008000	2619	12829	354	226	359	237	229	18.3	42	144	72.2	Drop#24
003700	2726	12830	352	227	357	238	241	26.1	48	144	73	Drop#25
005000	2900	12811	93	228	89	244	218	27	49	144	74	Drop#26
010700	2901	12540	93	226	89	244	225	26	47	144	72	Drop#27
012500	2859	12558	93	223	90	222	22	22	47	144	70.9	Drop#28
013800	2900	12105	91	225	89	232	230	39	47	144	71.8	Drop#29
014120	2924	12108	318	228	225	225	239	24	48	144	74	Drop#30
015000	3129	12122	344	222	353	240	237	34	48	145	73	Drop#31
020000			DevCeud									
020502	3129	12122	344	222	353	240	237	34	48	145	73	Drop#32

'hurricane-97' (winds@rainier) Proj. 410 Flt 9 Sep-15-97 02:38
17:35:15 to 02:38:24



'pre-flight' (winds@rainier) Proj. 410 Flt 9 Sep-15-97 02:38:31

AT1	24.549 C	AT4	25.733 C
AT3	25.020 C	AT2	25.895 C
BP1	0.6313 mbar	BP2	0.7071 mbar
DAP1	-0.100 mbar	DAP2	-0.112 mbar
DBP1	0.3195 mbar	DBP2	0.3052 mbar
QC1M	0.2124 mbar	QC2M	-0.418 mbar
PS1M	1010.1 mbar	PS2M	1011.0 mbar
DPLC	17.949 C	ATTACK	15.063 deg
DPRC	15.858 C	ADCAOA	2.1351 deg
RHUM	61.561 %	RD	5.5956 C

NOAA/AOC/SED Flight Performance log - N49RF

*N49RF Project: Hurricane 97 Project No 410 Flight No. 9 Flight ID: 970914N

SED Crew: PRADAS, HILL, GOLDSTEIN, WHITE Mission: HURR LINDA

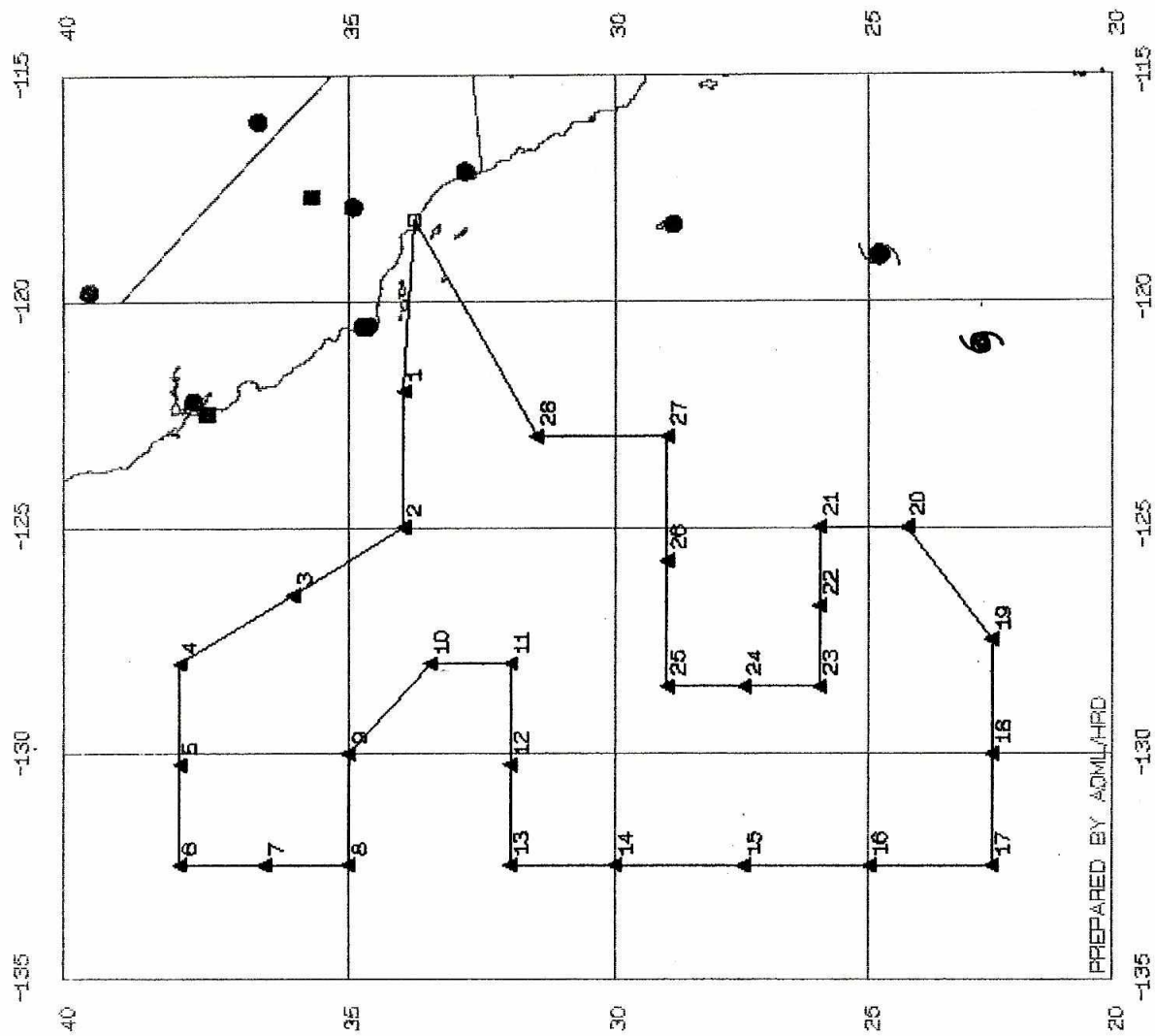
Pre-Flight: 1600 Z Take-Off: 1731 Z Landing: 0232 Z

SYSTEM			Pre-Flight	In-Flight	Post-Flight		
NAV	IRS #1		✓ JCPB				
	IRS #2		✓				
	IRS #3		✓				
	GPS Honeywell #1		✓				
	GPS Honeywell #2		✓				
	GPS Collins	FMI	✓				
Nose Radar Collins			✓		Off? ☒		
TEMP	Time	Temp °C			Time	Temp °C	
	Temp #1	1627	29.32°	✓ JCPB		0235	24.5
	Temp #2		32.14°	✓ JCPB			25.8
	Temp #3		27.3°	✓ JCPB			25.0
	Temp #4		33.8°	✓ JCPB			25.7
	DP Left		20.0	✓ JCPB	Cal. Time:		17.9
	DP Right		20.7	✓ JCPB	Cal. Time:		15.8
PRES	Attack Angle (ADCAOA)	0.04 / 0.001					
	Slip Angle (BP/DBP)	-0.5 / 0.177					
	Differential (PQ1/PQ2)	0.2 / -0.17					
	Absolute (PS1/PS2)	1012.5 / 1013.3					
	Check Radome Press. Lines	✓ JCPB					
SYSTEMS	DOWN PRT-5 ⇌ Open? ☒	✓ JCPB			Closed? ☒		
	MADS (WINDS/DISCWIN)	✓ JCPB			# DATs: 1		
	MADS Printer ⇌ Paper? ☒	✓ JCPB					
	MADS Cal. Date: 970913	QC time: 1721Z			QC time: 0233		
	WINDS ⇌ NET BCAST ☒	✓ JCPB					
	HAPS System	✓ JWH			# Msg.: 28 # Attempts: 35		
	AVAPS System / Time set? ☒	✓ ASG					
	AVAPS Printer ⇌ Paper? ☒	✓ JCPB					
EXTERNAL	Exterior Walk Around	✓ JCPB					
	Inspect DropSonde Chute Bolts	✓ JCPB					
MISC	Satcom (Flight Phone)	✓ JWH			Off CB? ☒		
	Call COMSAT? ☐ (*292#)	✓ JWH					
	FCU/UPS/CB	CB's Checked? ☒			UPS off? ☒		
	AVAPS Sondes	#On Board: 67	#Dropped: 31	#Good: 28			
	AXBT	#On Board: —	#Dropped: —	#Good: —			
	APN-232	✓ JCPB					
	Modem Power On? ☒	JCPB					

[illegible]

Please Note Any Discrepancies

[illegible]



FLIGHT TRACKS

— 970914rp.ftk

0314E LINDA

RAWINSONDES 9805

- Regular
- 12Z only
- 00Z only
- Infrequent
- Infrequent - 00Z
- Infrequent - 12Z

15/0Z 22.5 120.9
285/11 85 kts

N49RF Hurricane 97 AVAPS DropSonde Log

N49RF Project: Hurricane 97

Flight ID: 970914N

Mission: HUR LINDA

Flight #: 9

System Status: OK

Drop #	Sonde Serial Number	Time (Z)	Chn #	Press. offset	Winds time	Operator Init.	Comments Drop Status	GOOD ☒
1	624132705	1812	1	0	25	QJB		✓
2	62543290C	1836	1	-1.7	30	QJB	slow FALL 2.5 min	✓
3	965120061	1855	1	-1.6	44	QJB		✓
4	964910103	1910	2	-0.4	27	QJB		✓
5	964910102	1925	1	-0.1	35	QJB		✓
6	612131602	1942	2	+0.2	19	QJB		✓
7	964910055	1956	1	-0.4	48	QJB		✓
8	385400032	2010	2	-0.5	57	QJB		✓
9	385400114	2020	1	-0.2	23	QJB		✓
10	965040424	2037	1	-2.0	40	QJB		✓
11	965120123	2106	1	0.1	62	JWH		✓
12	964910006	2119	2	-1.2	48	JWH		✓
13	964910070	2141	1	-0.4	35	JWH		✓
14	964910137	2200	2	-0.2	15	JWH		✓
15	964910139	2223	1	-0.8	19	JCPB		✓
16	385400245	2246	2	-0.6	31	JCPB		✓
17	964910125	2302	1	-2.3	—	JCPB	Spurious & sparse winds	
18	965040280	2305	2	-0.6	42	JCPB	B/U for previous sonde	✓
19	385400209	2322	1	0.4	31	JCPB	lost signal after 600 ft	FF
20	964910123	2335	2	-2.0	18	JCPB	B/U for previous sonde	✓
21	385400117	2345	1	-1.1	41	JCPB		✓
22	964910149	0002	2	-0.1	26	JWH		✓
23	385400199	0012	1	0.3	37	JWH		✓
24	625331405	0028	2	-1.2	30	JWH		✓
25	632332406	0037	1	0	31	JWH		✓
26	625432603	0050	2	-0.9	62	JWH		✓
27	638131101	0107	1	-0.5	38	JWH		✓
28	964910026	0125	1	0.3	55	JWH		✓
29	625331504	0138	2	-0.7	—	JWH	Fast Fall	
30	965040390	0141	1	0.8	41	JWH	B/U for #29	✓
31	971750024	0158	2	0.8	37	JWH		

* Drop #19 Declared a Fast-fall per Franklin.

07/21/97