

FLT ID: 14980120	FM: Kmay	TO: kmry
FLT NO: 98-017	BLK IN: 0340Z	ATA: 0333Z
ETD: 1800Z	BLK OUT: 1758Z	ATD: 1809Z
ETE:	BLK TIME: 9:43	FLT TIME: 9:24
SPONSOR ORG: NRL	PROGRAM: CALJET	PURPOSE: AXBT MISSION (EL NINYO)

DAO PERSONNEL

AC McKim ✓	SYS ENG
CP Taggart ✓	DATA SYS Lynch ✓
NAV Kozak ✓	RADAR Barr ✓
FE Wade	BT/ODW Carpenter ✓
RADIO Rogers ✓	CLD PHYS
FD Damiano ✓	DOPPLER

PARTICIPATING SCIENTIST/VISITORS/DAO

LAST, FIRST NAME	ACTIVITY ON A/C	AFFILIATION
Persson ✓	PT	
Wilczak ✓	ASST. PI	

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

TT4 is broken for entire flt
 Decided to stay a 4K to conserve fuel and
 Complete ~~new~~ pattern at 2235Z
 (as drawn up)

U.S. DEPT. COMM./NOAA/ORD - DATA SECTION WORK FORM NO.2 DROWF2 FILE

FLT ID: H980120

TIME OFF: 1809Z

TIME ON: 0333Z

	A/C T/O	WX STN	A/C LAND	WX STN
PRESSURE	1011.3	30.06	1009.2	30.05

NO DATA DISPOSITION/DATE/QUALITY

1/SEC FLT LVL TAPES

FAST FLT LVL TAPES

RADAR TAPES

DOPPLER TAPES

ODW CASSETTES

HARD COPIES

AXBT

AXCP

ODW

65

PHOTOGRAPHY

	FWD	LS	RS	VERT
ON				
OFF				
RATE				

REMARKS

14980120

Drop at
2200 ft

LAY

TIME	LAT	LONG	TRK	HD	WD	WS	TH	TD	PA	GA	SP	PS	PG
182148	3625	12227	153	153	10	6	10.9	6.0	117	152	1018.0	999.8	XBT 69.6
183050	3558	12206	149	149	344	12	7.9	4.9	479	523	1019.4	951.0	XBT 66.4
183637	3539	12153	149	149									XBT no buoy 2-3
184654	3507	12129	150	150	344	13	10.4	5.4					XBT
185733	3432	12106	152	154	329	20	4.8	1.9					XBT no buoy 10
190754	3357	12044	153	154	337	22							TURN XBT
191749	3337	12115	240	246	330	17							XBT
192818	3319	12151			317	16							XBT
193800	3302	12226	241	245	325	14	4.9	1.8					XBT
194726	3247	12259	239	243	319	10							XBT
195652	3230	12332			335	14	4.1	-0.3					XBT
200456	3216	12401			329	12	8.0	5.3					BAD XBT
200952	3211	12411			334	13							XBT
201435	3159	12436			326	11							XBT
202029	3149	12457	241	245	345	12							TURN XBT
202957	3212	12518	330	330	307	12							XBT
203909	3240	12537	330	330	317	15							XBT
204355	3253	12547			307	15							TURN XBT
204740	3301	12536											
205506	3316	12512			308	12	13.2						XBT
205700					start								
210506	3336	12438			308	15	11.0	6.6					XBT
210700					end 1000 ft run								
210830					start 2000 ft run								
211503	3355	12405			311	14	7.7	6.1					(OLD) XBT
211800					end 2000 ft run								
212000					start 3500 ft run								
212508	3416	12329			315	12	4.8	-2.1					XBT
213000					end 3500 ft run								
213150					start 2000 ft run								BAD XBT (OLD)
213433	3436	12255			316	16	7.6	5.1					
214200													
215709	3441	12246			320	16	7.6	5.1					XBT
214810	3452	12224			318	15	8.3	5.4					TURN XBT
215356	3521	12247			320	12	6.2	1.5					XBT
220321	3548	12310			293	11	2.5	-1.1					TURN XBT
221342	3531	12347			293	11	3.1	0.4					XBT
222355	3511	12424			310	11	3.5	1.4					XBT
223502	3451	12506			311	12	4.1	1.1					XBT
224314	3436	12538			318	15	4.0	-1.0					BAD XBT
224612	3431	12549			308	14	4.3	0.7					XBT
225127	3422	12609			307	14	4.3	1.4					XBT
225710	3412	12628			316	15	4.0	0.4					TURN XBT
230745	3445	12644			303	15	4.1	0					XBT
231739	3517	12659			313	15	4.1	0.3					TURN XBT
232738	3539	12624			311	13	3.6	1.9					(OLD) XBT
233635	3558	12550	55	52	307	15	3.3	0.7					XBT
234519	3616	12518	55	52	307	12	3.0	1.4					BAD (OLD) XBT
234826	3623	12506	56	52	307	17	3.5	-0.6					XBT
235550	3638	12438	55	53	306	14	2.4	2.3					BAD (OLD) XBT
235803	3643	12431			315	15	2.5	1.6					XBT
000534	3656	12401	58	55	304	14	2.8	0.8					TURN XBT
001609	3729	12420	331	332	330	11	3.0	-1.7					XBT
002551	3759	12440	316	316	316	8	2.8	-1.6					TURN XBT

1.30

H980120

02512
10
6 30.05

TIME	LAT	LOX	TRK	HD	WD	WS	TA	TD	PA	GA	SP	PS		PQ
003614	3714	12520	238	242	312	13	2.4	0	1177	1206	1018.9	879.5	XBT	72.9
004532	3724	12556	234	237	325	12			1177	1209		BAD(OLD)	XBT	
004756	3720	12605	240	243	318	15							XBT	
005612	3705	12637	240	243	314	14							XBT	
010613	3647	12716	240	242	335	8						(OLD)	XBT	
011547	3631	12753			329	10						TURN	XBT	
012542	3700	12813	335	333	290	10							XBT	
013547	3732	12832			270	8	3.7	-1.1				TURN	XBT	
014423	3748	12558			294	11							XBT	
015405	3806	12718			303	8						SOUNDING	XBT	
015830	3814	12702	55	52	300	11	3.1	-1.7				4000-200-4000	XBT	
020406	3827	12639	55	53	295	9	2.1	-1.2				BAD(OLD)	XBT	
020628	3832	12630	55	52	309	10							XBT	
021420	3848	12600	57	54	313	9	2.3	-3.8					XBT	
022805	3906	12525	64	62	319	8	1.5	-1.3					XBT	
023043	3916	12451										TURN	XBT	
024025	3845	12430	144	143	332	8	1.9	-1.0					XBT	
025002	3816	12403	144	143	324	12	2.0	-1.7					XBT	
025648	3755	12344	144	143	324	13	1.6	.1					XBT	
030335	3735	12325	143	144	323	10	2.0	1.2					XBT	
031356	3703	12256	144	143	328	11	2.1	.9					XBT	

(20)

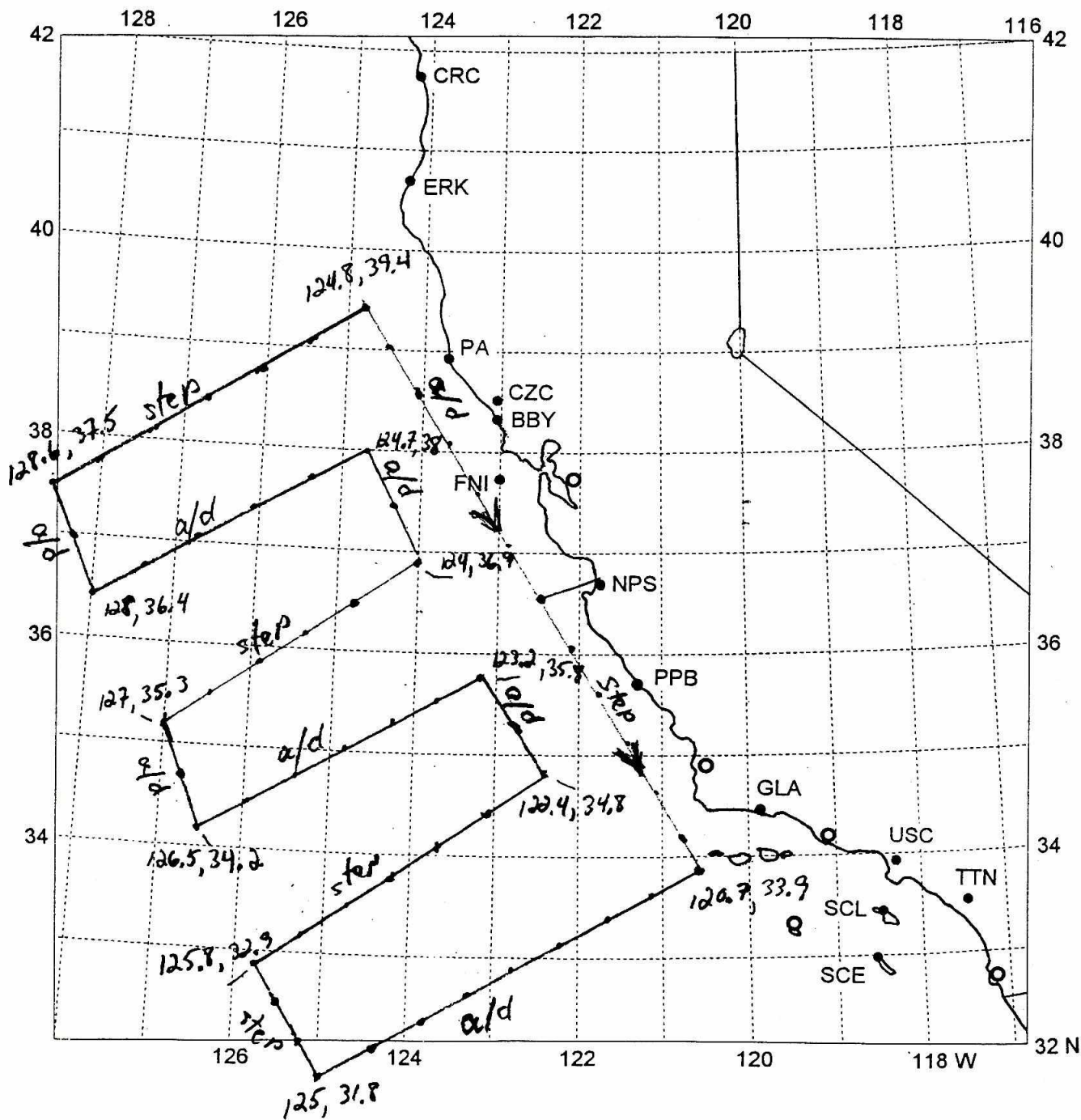
IOP: 3

Date and time of flight; start: Jan. 20 ^{18 UTC (10 AM)}, end: 10 h flight

Purpose of flight: AXBT drop

step 60, 100, 300, 500, 800, 1200 - 10 min each between AXBT drops

a/d - 3 m/s ascent/descent - between AXBT drops

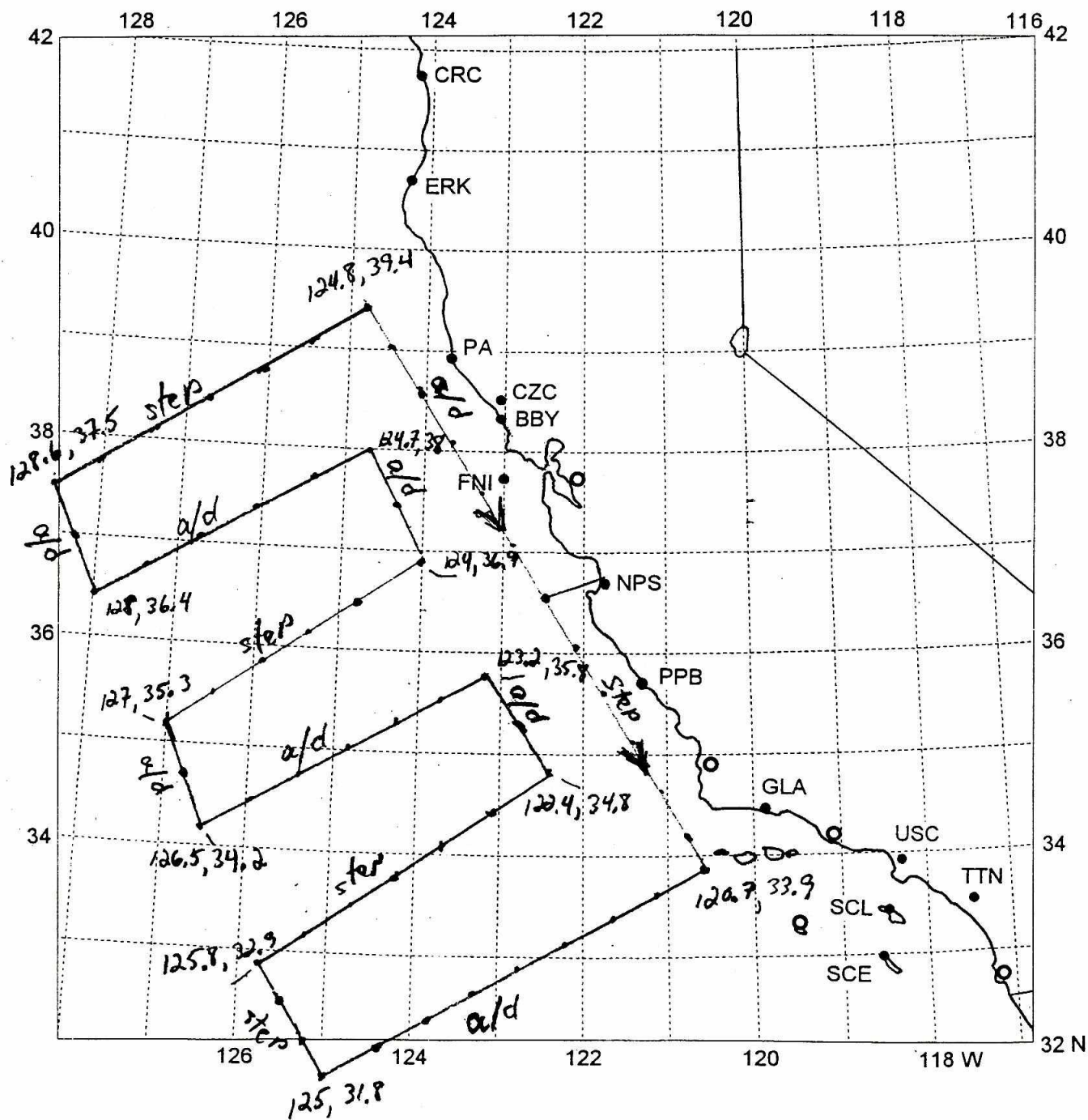


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DATE : 1/20/98

TO : Chief, AOC Flight Operations

FROM : Pilot/Flight Director, Aircraft

ON 0341Z BLOCKTIME

N42RF

OFF 1758Z

9:43

SUBJECT: Hazardous Duty

PURPOSE OF FLIGHT: CALJET PROJECT

Hazardous Duty Pay is required for flight made on 1/20/98
(DATE)

Request based on FLYING AT/BELOW 200 FT

Personnel on board authorized Hazard Pay:

WADE

DAMIANO

ROGERS

LYNCH

CARPENTER

BARR

PILOT/FLIGHT DIRECTOR:

A. Barry Damiano

APPROVED:

DISAPPROVED:

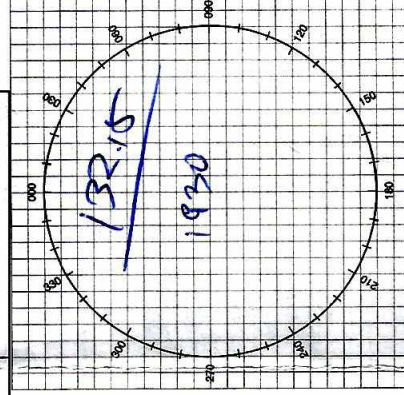
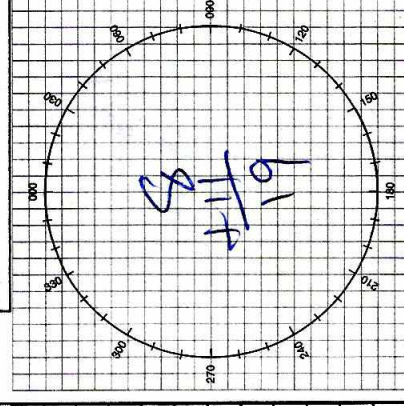
CHIEF, AOC FLIGHT OPERATIONS:

CLEARANCES

[illegible]

MISSION LOG

PAGE OF



POSITION REPORT

1. POSITION
 2. TIME
 3. ALTITUDE
 4. NEXT POSITION
 5. ETA
 6. NEXT POSITION

EMERGENCY MESSAGE

TRANSMIT THE FOLLOWING MESSAGE TO ANY AGENCY ON THE AIR-GROUND FREQUENCY IN USE. IF UNABLE TO ESTABLISH COMMS, ATTEMPT CONTACT ON ANY OF THE FOLLOWING EMERGENCY FREQUENCIES:

UHF/VOICE	VHF/VOICE	MF/VOICE	HF/CW	MF/CW
243.0	121.5	2182 KHZ	8364 KHZ	500 KHZ

**MAYDAY, MAYDAY, MAYDAY
THIS IS NOAA . NOAA**

- POSITION _____ N/S
E/W AT

- HEADING _____ TRUE/MAG _____
- AT _____ KTS TRUE/INDICATED _____

- FLIGHT LEVEL OR ALTITUDE -

- WE ARE A P-3 AIRCRAFT WITH

- NATURE OF EMERGENCY ASSISTANCE DESIRED

- ASSISTANCE DESIRED
- PILOT INTENTIONS

- WE HAVE _____ **EN**

[illegible]

T	DIST	TIME	ETA	R
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[illegible]

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