

FLT ID: 14980211	FM: kmry	TO: kmry
FLT NO: 98-027	BLK IN: 0116Z	ATA: 0112Z
ETD: 1600Z	BLK OUT: 1601Z	ATD: 1612Z
ETE: 11	BLK TIME: 9:15	FLT TIME: 9:00
SPONSOR ORG: NOAA/ETL	PROGRAM: CALJET	PURPOSE: XBT DEPLOYMENT EL ENVO

DAO PERSONNEL

AC KENNEDY ✓	SYS ENG
CP TAGGART ✓	DATA SYS McMILLAN ✓
NAV KOZAK ✓	RADAR BARR ✓
FE MOORE MOORE ✓	BT/ODW PRADAS-BERNEZ
RADIO	CLD PHYS
FD DAMIANO ✓	DOPPLER

PARTICIPATING SCIENTIST/VISITORS/DAO

LAST, FIRST NAME	ACTIVITY ON A/C	AFFILIATION
WILCEK ✓	PI	NOAA ETL
SHEPHERD ✓	RADAR	NSSL

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

SWAPPED INE1 prior to flt

Data system down 1642-1644Z for parameter change for Tom 5.

Laptop

165940 shutter open on RD(SST)

circuit breaker popped open

Original Q+R pts were moved west due to warning area restrictions

1721 YAWING

ATS check

U.S. DEPT. COMM./NOAA/ORD - DATA SECTION WORK FORM NO.2 OROWF2 FILE

FLT ID: 980211H TIME OFF: 1612Z TIME ON: 0112Z

	A/C T/O	WX STN	A/C LAND	WX STN
PRESSURE	1014.5	30.24	1016.4	30.22

NO DATA DISPOSITION/DATE/QUALITY

1/SEC FLT LVL TAPES

2

FAST FLT LVL TAPES

RADAR TAPES

1

DOPPLER TAPES

ODW CASSETTES

HARD COPIES

AXBT

86

AXCP

ODW

PHOTOGRAPHY

	FWD	LS	RS	VERT
ON				
OFF				
RATE				

REMARKS

FORM 59-4
2 min from
K to glant

H980211

TIME	LAT	LOU	TRK	HD	WD	WS	TA	TD	PA	GA	SP	PS		PG
162200	3633	12223	227	228	286	7	2.9	-2.4	1434	1518	1025.1	852.5	CLR	67.4
162323	3628	12229			295	6							(TURN) XBT	
163124	3650	12249	328	326	249	9	2.4	-4.5	1432	1517	1025.4	852.6	BAD XBT	
163510	3701	12258			247	7	2.3	-3.7	1432	1517	1025.5		XBT	
164424	3730	12321	327	326	249	8	1.9	-6.0					XBT	
165322	3757	12343	327	326	204	9				2.5K			XBT	74.2
170137	3822	12404	327	326	183	7				2.0K			XBT	72.1
171018	3849	12426	326	324	214	12				5K			BAD XBT	
171822	3913	12447	326	324	214	12	1.2	-10.2		5K			XBT (TURN)	
172710	3904	12519	240	240	218	11	1.1	-9.4		5K		851.5	BAD XBT	72.8
173019	3858	12532	239	240	216	10				5K		851.6	BAD XBT	
173508	3850	12550	240	240	236	15	1.4	-10.5		5K		851.5	XBT	
174354	3834	12622	240	240	238	18	2.3	-7.3		5K		851.4	XBT	70.4
175254	3820	12655	241	240	218	14	6.5	-6.8		3K			XBT	
180604	3759	12741	240	242	235	17	5.4	-6.4		4K			XBT	
181959	3734	12830	237	239	240	22	3.3	1.0		5K			(TURN) XBT BAD	
182442	3719	12833	153	161	244	22	3.7	.6		5K			XBT	
183010	3701	12811	153	160	248	19	3.9	-0.2		5K			XBT	
183849	3633	12754	154	160	244	17	5.5	-9.7		5K			(TURN) XBT	
184821	3648	12716	57	58	253	18	4.7	-15.2		5K		850.9	XBT	
185107	3654	12704	57	57	253	21				5K			XBT	20
185718	3707	12639	58	61	228	19	6.9	1.7		3K			BAD XBT	
190010	3713	12627	60	62	230	14	9.3	6.3		1.8K			XBT	
190800	3727	12555	60	63	226	14	7.1	1.4		2.8K			BAD XBT	
191104	3733	12542	62	64						4K			BAD XBT	
191620	3743	12519	63	64	255	12	3.7	-14.9		5K			XBT	
192440	3759	12443	60	61	268	12	2.1	-6.0		5K			(TURN) XBT BAD	
192655	3757	12435	154	158	268	7	2.2	-7.0		5K			(TURN) XBT	
193558	3726	12416	152	156	272	9	2.2	-8.6		5K			XBT	
194328	3701	12400	152	156	286	10	2.9	-6.4		5K			(TURN) XBT	
195455	3636	12436	236	240	288	10	6.3	-8.1		5K			BAD XBT	
195745	3631	12447	237	241	271	9	6.0	-11.4		5K			BAD XBT	
200048	3625	12458	238	241	264	9	5.8	-4.9		5K		851.8	XBT	
200634	3614	12520	237	240	246	9	6.7	-5.4		5K			BAD XBT	
200958	3607	12532	238	239	225	11	6.3	-3.9		5K		851.8	XBT	
201508	3558	12551	235	236	219	14	6.2	-15.1		5K			BAD XBT	
202445	3538	12625	236	238	237	11	6.4	-24.5		5K			XBT	
203338	3521	12657	236	238	220	9	6.5	-12.5		5K			(TURN) XBT BAD	
203622	3512	12655	159	164	236	12	7.2	-11.0		4K			(TURN) XBT	
204445	3445	12642	161	165	240	7	13.0	9.2		500 FT			BAD XBT	
204618	3440	12640	160	164	241	7	12.6	8.7		500 FT			XBT	40
205422	3413	12628	163	166	249	4	9.2	-15.6		5K			(TURN) XBT	
210441	3429	12551	55	56	272	8	8.7	-15.6		5K			BAD XBT	
210719	3434	12541	55	56	253	10	8.2	-14.4		5K			XBT	
211415	3449	12514	56	56	251	18	9.4	1.8		2.5K			XBT	
212319	3508	12441	55	56	253	14	9.5	4.9		1.8K			XBT	
213406	3532	12359	55	53	305	12	7.2	-7.8		5K			(TURN) XBT BAD	
213638	3529	12351	153	155	331	14	7.8	-7.5		5K			(TURN) XBT	
214421	3502	12334	152	153	335	18	8.5	-9.9		5K			XBT	
215239	3433	12315	152	153	345	19	8.5	-8.4		5K			(TURN) XBT (BAD)	
215726	3420	12328	235	241	334	17				5K			(TURN) XBT (BAD)	
220220	3409	12345	233	239	332	15	9.2	-10.5		5K			XBT BAD	
220453	3404	12355			299	10				5K			XBT BAD	
220725	3358	12404			304	7				4K			XBT	
221256	3346	12422	234	235	240	4				1.5K			XBT BAD	
221520	3341	12431											XBT	

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TIME	LAT	LONG	TRK	HD	WD	WS	TA	TD	PA	GA	SP	PS		PQ
222438	3321	12500	232	236	342	7	10.0	-11.9		4.7K		860.9	BAD XBT	
222919	3309	12516	233	236	372	6	10.1	-11.2					BAD XBT	
223629	3254	12540	232	234	236	10	10.9	-10.8		5K			(TURN) XBT	
224704	3219	12520	151	154	286	7	10.9	-10.4		5K			XBT	
225705	3145	12458	153	154	331	7	11.2	-10.1		5K			TURN XBT	
230403	3155	12433	56	56	333	7	10.8	-11.4		5K			BAD XBT	
230648	3201	12423	56	56	339	9				5K			BAD XBT	
231000	3207	12410	57	55	325	12	11.4	-12.7		3.2K			BAD XBT	
231312	3214	12400	55	55	327	6	11.3	-3.3		1.8K			XBT	
232110	3229	12332	57	57	317	7	11.3	9.2		1.4K			BAD XBT	
232335	3234	12323	57	56						2.3K			BAD XBT	
232611	3239	12314	58	57	328	14	10.2	-7.2		2.4K			XBT	
233202	3250	12254	57	54	352	18	9.5	-8.4		5K			BAD XBT	
233450	3255	12243	57	54	353	19	9.0	-7.9		5K			XBT	
234114	3308	12221	57	55	2	18	9.0	-7.8		5K			BAD XBT	
234336	3312	12212			358	18				5K			BAD XBT	
234610	3317	12204	57	55	352	18				5K			XBT	
235047	3325	12147	60	58	346	18	8.0	-8.4		5K			XBT	
235910	3339	12115	61	58	341	21	7.7	-31.6		5K			XBT	
000637	3353	12047	58	53	342	24	6.2	-13.1		5K			TURN XBT	20
001609	3420	12103	330	333	341	20	5.1	-7.2		5K			BAD XBT	
001844	3428	12109	330	333	345	20	5.7	-10.9		5K			BAD XBT	
002120	3435	12114	331	333	337	18	7.2	-3.4		5K			XBT	
002700	3452	12124	330	332	338	18	10.7	5.2		7.5K			BAD XBT	
002906	3458	12128			333	16	12.7	9.2		700 Ft			BAD XBT	
003317	3510	12137			334	16	11.0	3.6		1.7K			XBT	
003812	3524	12146	330	332	346	7	6.2	-3.1		4K			BAD XBT	
004035	3531	12151	329	333	24	7	5.4	-1.2		5K			XBT	
004939	3556	12209			333	9	6.1	-20.5		5K			BAD XBT	
005125	3605	12215			335	11	7.1	-6.4		5K			XBT	30
005710	3623	12227			346	6	6.1	-19.6		5K			XBT	

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DATE : 2/11/98

TO : Chief, AOC Flight Operations

FROM : Pilot/Flight Director, Aircraft N42RF ON 0116Z BLOCKTIME
OFF 1601Z 9815

SUBJECT: Hazardous Duty

PURPOSE OF FLIGHT: CALJET PROJECT

Hazardous Duty Pay is required for flight made on 2/11/98
(DATE)

Request based on FLYING AT OR BELOW 200 FT

Personnel on board authorized Hazard Pay:

MOORE

DAMIANO

MCMILLAN

BARR

PRADAS-BERGUES

PILOT/FLIGHT DIRECTOR:

A. Berry Damiano

APPROVED: _____

DISAPPROVED: _____

CHIEF, AOC FLIGHT OPERATIONS: _____

B-C: 5000'-200'-5000' (440'/min) M-N: 5000'-200'-5000' S-T: 5000'-200'-5000'
 D: 39°16.1', 124°50.8' N: 34°11.9', 126°29.2' U: 32°54.4', 125°47.4'
 E-F: 5000'-200'-5000' O-P: 5000'-200'-5000' V: 31°47.7', 125°0.9'
 G: 37°31.9', 128°32.0' Q: 35°49.2', 123°11.5' W-X: 5000'-200'-5000'
 H: 36°30.6', 127°53.8' Y: 33°53.8', 120°42.9'
 I-J: 5000'-200'-5000' Z-AA: 5000'-200'-5000'
 K: 37°59.4', 124°40.0' A: 36°27.2', 122°29.8'
 L: 36°57.4', 124°0.1'

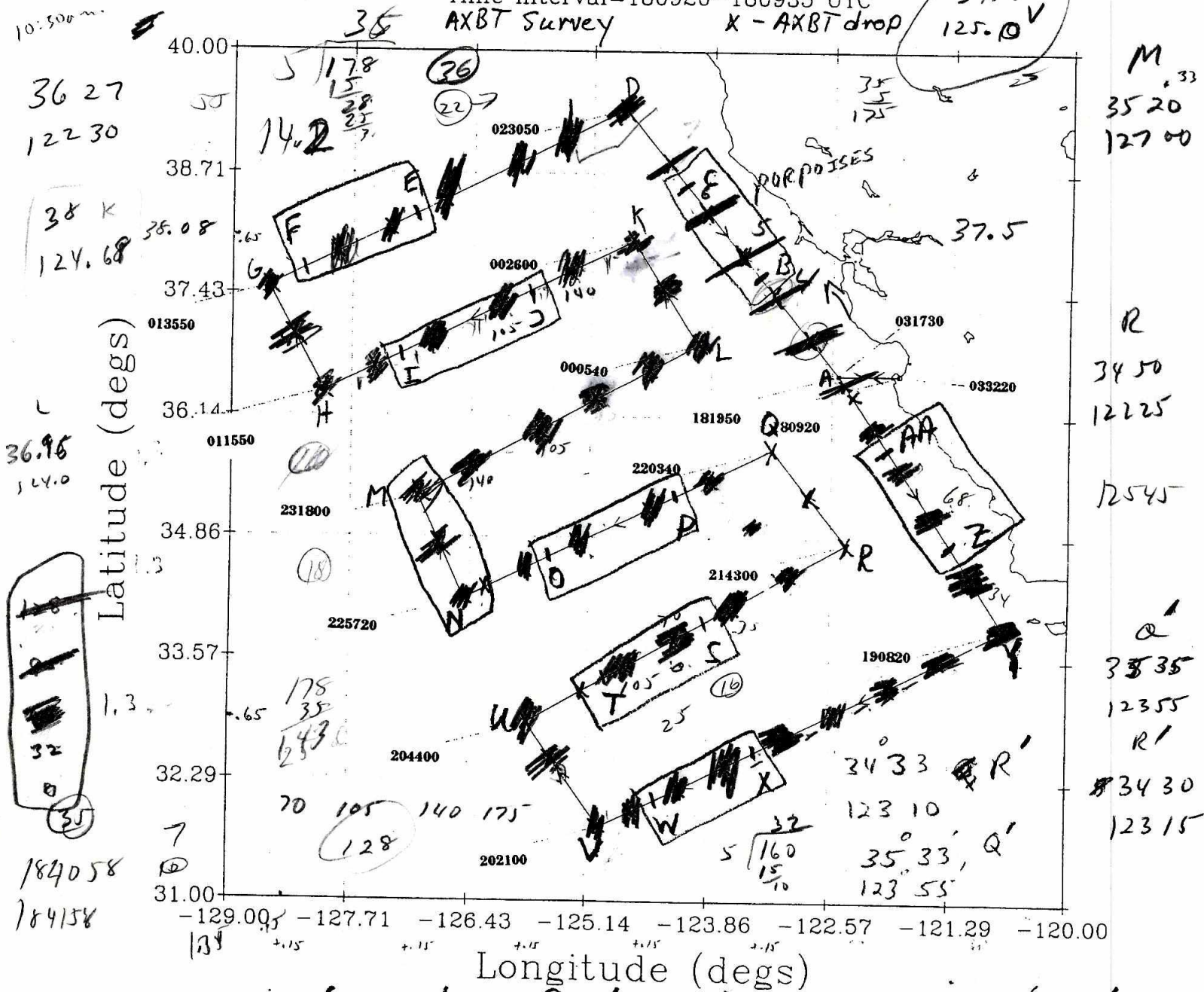
980120H

Flight= 980120H CALJET IOP3

Time Interval=180920-180935 UTC

AXBT Survey

X-AXBT drop



FL50 throughout except the 8 descent/ascent porpoises (5000'-200'-5000' at 440'/min) at B-C, E-F, I-J, M-N, O-P, S-T, W-X, and Z-AA.
 8 porpoises

