

19870118 I1-FDIR

U.S. DEPT. COMM./NOAA/OAO - DATA SECTION WORK FORM NO.1 OAOWF1 FILE

FLT ID: 870118I	FM: ADDN	TO: ADDN
FLT NO: 87-23	BLK IN: 19/0242Z	ATA: 19/0237Z
ETD: 1730Z	BLK OUT: 1748Z	ATD: 1754Z
ETE: 9+00	BLK TIME: 8+54	FLT TIME: 8+42
SPONSOR ORG: EMEX	PROGRAM: EMEX#4	PURPOSE: TRW CLUSTERS

OAO PERSONNEL

AC GENZLINGER ✓	SYS ENG DuGRANROT ✓
CP GUNNOE ✓	DATA SYS LYNCH ✓
NAV SECRETAN ✓	RADAR
FE Ricci ✓	BT/ODW Schriker ✓
RADIO NOUN	CLD PHYS
FD BOGERT ✓	DOPPLER

PARTICIPATING SCIENTIST/VISITORS/OAO

LAST, FIRST NAME	ACTIVITY ON A/C	AFFILIATION
MARK WILLIAMS	BUR. of MGT. (Aust)	Visitor
FRANK MARKS	Doppler	HRD
BOB BURpee	PI	HRD
JOHN GAMACHE	Radar	HRD
Geoffrey Stekens	BUR. of MET.	
Mike Buggess	RADAR	U. of Wash
Dean Churchill	PMS	" "
Peter Webster	Penn. State	

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

ENE Gulf of CARPENTERIA VENTY 125 139G 30NM S. of ARC Ship.
 TOO much CONVECTION for ODW DROP #2 AT INTIAL IP.
 Dropped 6 ODW's #1-7 (NO #2).
 All pattern completed

* NO Omega THROUGH - updated IWE @ 0128Z
 * NO Hard COPIER (↓ PARTS)

FLT ID: 870118I TIME OFF: 1754Z TIME ON: 0237

	A/C T/O	WX STN	A/C LAND	WX STN
PRESSURE	1005.3	1007.0	SP 1004.6 PS 1004	1003.8

NO DATA DISPOSITION/DATE/QUALITY

1/SEC FLT LVL TAPES

1

FAST FLT LVL TAPES

Ø

RADAR TAPES

14

DOPPLER TAPES

16

ODW CASSETTES

2

ONE IS SHAKY BUT RECOVERABLE

HARD COPIES

Ø

PMS

2Ø

AXBT

NA

AXCP

NA

ODW

6

PHOTOGRAPHY

	FWD	LS	RS	VERT
ON				
OFF				
RATE				

REMARKS

INE ERRORS

INE	LAT	LONG	ES
1	+4.7	+3.6	2
2	+2.7	+0.4	2

070118

139.40
DROP 1

12S 139E → 12S 140E → 13S 140E → 13.5 138.5E (5 drops)
#2 #3 #4 #5

Time ²	S LAT	E Lon	TRK	H ₅₆	WD	WS	PA	GA	TA	TD	SP	PS	AQ	*NO DROP#2
1758	12.23	130.58	114	117	261	14	1295	1361	20.0	14.9	1006	849	67.2	
1811	12.11	131.49	089	093	220	16	4458	4681	2.1	-0.5	1004.1	546	65.1	
1822	12.23	132.43	089	093	216	18	4888	5136	0.3	-1.7	1000.8	548	76.9	
1834	12.23	133.43	086	088	160	07	4886	5023	1.3	-2.4	981.9	548	79.6	
1837			086	088	TAS	CAL						@ 1841		Right turn
184405			315	315	TAS	CAL	for	2 min.						Left turn
184610														
184830			088	091			BACK ON TRACK							
1850	12.21	134.15	088	092	134	12	4883	5118	0.9	-3.5	1000.1	549	71.5	ENR IP
1907	12.19	135.32	087	090	127	13	4880	5099	0.5	-2.0	1000.7	549	79.2	
1933	12.9	137.46												
2004	12.1	140.11	097	098	274	10	4829	5702	0.2	-1.0	1000.6	550	73.0	DROP#1 ✓
2023	13-4	140-25	259	261	069	46	4868	5106	1.6	-2.1	998.9	549.6	75.7	DROP#3 ✓
2042	13-27	138-46	259	256	118	36	4866	5113	0.0	-1.2	1003.6	550	75.7	DROP#4 ✓
2055	13-41	137-41	258	255	127	24	4862	5115	-0.2	-3.2	04.6	550	74.6	DROP#5 ✓
2103	13-37	137-21	110	114			BEGIN Leg#1	THRU LINE	110° TRK					Leg#1
2118							TURNING Right	TO TRK 3500						
2120	14-2	138-21					BEGIN Leg#2	DN 3500 TRK						Leg#2
212930							Began	RIGHT TURN	TO 3250 TRK					NEW LINE IP
2133	13-20	138-12					Began	NEW TRK	3250					NEW IP
2142							END TO 14000' & TRK 0850							TO PT #2
214450							BEGIN Leg	ON 0850 TRK	215350	TURNING				
2156							" "	" "	3250 TRK	END 22022	TURNING TO 0850			
220440	12-24	138-4	085	090			Began Leg#3	ON TRK 0850	END 22142					
221530							Began Leg 4	ON TRK 2650	2224272	END				
2224							TURNING TO TRK	1450						
222630							Began	TRK 1450	END 22372	TURN TO 3250 TRK				
2239							Began	TRK 3250	END 22482	& CLIMB 220-240K				
2204							Began	TRK of 120°	THRU CB LINE	END 23062	TURN TO 360° TRK			
2308							TRK 0120°	TURNING Left	TO 1350 @ 23172 (END)					
2319							TRK 1350	END 23242	TO TRK 2550					
232640							TRK 2550	END @ 233540	TO TRK 0200					
233730							TRK 0200	END @ 2346302	TO TRK 1400					
2349							TRK 1400	END @ 23592	TO TRK 0200					
235930							TRK 0200	END @ 00062	TO TRK 1050					
001330							TRK 2500	END @ 0019302	22000'					
00332							TRK 2350	0700 decent	00382 END	16000'				
004930							TRK 2300	0700 decent	0054302 END	11000'				
010440							TRK 2400	0109402 END	3000'	CLIMB'g TO FLVL				
012219	12-13	137-08	242	238	159	11	5525	5851	-2.8	-6.6	999.3	493	6246	DROP#7

ENR ADDN

FLIGHT TRACK PLOT FOR FLIGHT ID: 8701181
 BEGIN: 17:50:00Z END: 02:40:00Z

