

1987011941-FDR

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

FLT ID: 870119E	FM: ADDN	TO: ADDN
FLT NO: 87-24	BLK IN: 20/0348	ATA: 20/0341Z
ETD: 1830Z	BLK OUT: 1821Z	ATD: 1827Z
ETE: 9+00	BLK TIME: 9+27	FLT TIME: 9+14
SPONSOR ORG: ERL	PROGRAM: EMEX#5	PURPOSE: T.C. / Rainbands

OAO PERSONNEL

AC GUNNOE ✓	SYS ENG GOLDSTEIN ✓
CP EILERS ✓	DATA SYS LYNCH ✓
NAV GARISH	RADAR
FE FLEURY ✓	BT/ODW GONZALES ✓
RADIO WUNW ✓ x2	CLD PHYS
FD BOGER ✓	DOPPLER

PARTICIPATING SCIENTIST/VISITORS/OAO

LAST, FIRST NAME	ACTIVITY ON A/C	AFFILIATION
BURPEE	PI	HRD
MARKS	Doppler	HRD
Camanche	"	HRD
Stephens, G.	RADIOMETERS	
Bogers, J.	VISITOR	B. of Met
Churchill, D.	PMs	U. of Wash
House, R.	RADAR	U. of Wash
Garber, J.	Vis. 02	B. of Met.

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

File PT. = 10.5S 135.5E [@ 1541Z 12.5S 137.9E @]
 ~120NM Radius ~0600L 1/2 hr posits to RAOF #5 ODW's
 #1 E 133-40 MIN #2 10.5 135.5E 10.5 137E ~11.5S 137.8E
 #2 W 136-40 MIN

ODW #1 Temp ↓ New IP = 10 deg 20 min S.
 135 deg 40 min E.

Dropped 8 ODW's all day. (1 Bad)
 #1 Trop. Cyclose eye penetration! @

FLT ID: 870119I TIME OFF: 1827Z TIME ON: 20/0

	A/C T/O	WX STN	A/C LAND $\mathcal{P}$	WX STN
PRESSURE	1005.0	1004.0	998.0	1000.5

NO DATA DISPOSITION/DATE/QUALITY

1/SEC FLT LVL TAPES	1	
FAST FLT LVL TAPES	$\emptyset$	
RADAR TAPES	16	
DOPPLER TAPES	19	
ODW CASSETTES	$\emptyset 2$	
HARD COPIES	$\emptyset$	$\downarrow$
PMS	25	
AXBT	$\emptyset$	
AXCP	$\emptyset$	
ODW	$\emptyset 8$	

PHOTOGRAPHY

	FWD	LS	RS	VERT	
ON	$\checkmark$	$\checkmark$	$\checkmark$		
OFF				$\checkmark$	
RATE	05	05	05		

REMARKS

NAV ERRORS

LINE	LAT	LONG	GS
1	± 2.6	+12.5	8
2	+0.6	-3.5	3

870119I

EMEX #5

Time ^Z	deg	min	Long	TRK	HDG	WOB	KTS	WS	PA	GA	TA	TD	SP	PS	PQ
LAT															
1834	12	09	131	29	063	066	217	17	3620	3805	6.1	4.0	1007.1	—	—
1852	11	41	132	27	063	066	170	11	4916	5162	-0.8	-3.9	024	546	82.1
1909	11	09	133	40	066	069	230	18	4909	5148	-0.1	-2.8	022	ODW#1	
1915	10	54	134	08	063	067	187	19	4907	5148	0.2	-2.5	011	ODW#2	✓
1935	10	29	135	30	091	095	202	14	4909	5136	-0.6	-3.2	021	ODW#3	✓
194940	10	54	136	35	117	119	272	18	4904	4915	-0.7	-1.9	017	ODW#4	✓
20052	11	34	137	40										ODW#5	✓
2022	12	46	137	45	min SLP 981 mb								T.D.	CNTR	
2042	12	23	136	37	340	338	184	36	3998	4105	4.9	3.2	995	612	59.2
2120	09	39	135	31	360	360	200	19	4872	5113	0.5	-1.9	014	550	ODW#6
213930	8	17	135	27	TRK	180°	0		END @ 214545	2				Leg #1	
214750	8	44	135	25	TRK	060°	0		END @ 2159	2	16000'			Leg #2	
220045	8	14	136	10	TRK	240°	0		END @ 2210	2				Leg #3	
221220	8	35	135	38	TRK	360°	0		END @ 2223	2				Leg #4	
222530	7	49	135	41	TRK	240°	0		END @ 2233	2				Leg #5	
2237	8	9	135	23	TRK	120°	0		" @ 2247	2				Leg #6	
224830	8	43	136	11	TRK	180°	0		" @ 230130	2				Leg #7	
230345	9	42	136	8	TRK	060°	0		" @ 231245	2				Leg #8	
231430	9	16	136	45	TRK	240°	0		" @ 232330	2				Leg #9	
2326	9	38	136	12	TRK	360°	0		" @ 2332	2				Leg #10	
2343	8	29	136	14	TRK	240°	0		" @ 2352	2				Leg #1 STRAT	
2355	8	54	135	47	TRK	060°	0		" @ 0004	2	22000'			Leg #2	"
0007	8	31	136	20	TRK	180°	0		" @ 0012	2	"			Leg #3	"
0014	9	00	136	28	TRK	030°	0		" @ 0023	2	"			Leg #4	"
002530	8	30	136	51	TRK	270°	0		" @ 003430	2	"			Leg #5	"
0039					TRK	030°	0		" @ 0048	2	"			Leg #6	"
0051					TRK	270°	0		" @ 0055	2	"			Leg #7	"
005740					TRK	125°	0		" @ 010240	2	22000'			Leg #1 STRAT	
0106					TRK	295°	0		" @ 0109	2	19000'			deceding	
011030					TRK	115°	0		" @ 011530	2	19000'			LVL	
0117					TRK	270°	0		" @ 0123	2	dead 16000'			deceding	
012450					TRK	090°	0		" @ 012950	2	@ 16000'			LVL	
0135					TRK	270°	0		" @ 0141	2	12000'			deceding	
014220					TRK	095°	0		@ 014730	2	12000'			LVL	
0149					TRK	270°	0		@ 015430	2	8000'			deceding	
015630					TRK	090°	0		@ 020130	2	8000'			LVL	
015815	08	34	136	37										ODW#6	✓
02192	09	25	136	02	227	228	252	07	5489	5770	-3.1	-5.7	002	506	ODW#7

Sent Bur met @
19/2035Z

CNTR POSIT AT 19/2022Z OF
12 deg. 46min SOUTH 137 deg. 45min EAST
min SLP 981 mb. MAX FLT LVL
WINDS N of CNTR 40 KTS AND W of
CNTR 52 KTS. CNTR dia 20 NM.

