

U.S. DEPT. COMM./NOAA/DAO - DATA SECTION WORK FORM NO.1 DAOWF1 FILE

FLT ID: 960415 I	FM: MCF	TO: MCF
FLT NO: 96-28	BLK IN: 1514	ATA: 1505
ETD: 142	BLK OUT: 1351	RTD: 1406
ETE: 2	BLK TIME: 1:23 (1.4)	FLT TIME: 0:59 (1.0)
SPONSOR ORG: EEC	PROGRAM: FOCT	PURPOSE: TEST FLT

DAO PERSONNEL

AC McKim	SYS ENG Lynch
CP Kennel	DATA SYS McMillan
NAV Strong	RADAR McDanara
FE Moore	BT/ODW
RADIO	CLD PHYS
FD Parrish	DOPPLER

PARTICIPATING SCIENTIST/VISITORS/DAO

LAST, FIRST NAME	ACTIVITY ON A/C	AFFILIATION
Stewart, Bob	Inst Test	USF - St. Rote

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

Stewart's system died on power-up.
 Satlantic system giving junk. Neg temps. neg Ed (downpelling irradiance).
 1430 - Return + work on equip.

Time	LAT	ION	TK	WD	WS	RA	GA	TA	TD	SP	PS		
1351	27 51	82 29.6				-17		25.3	19.6		1015.4	RK	
1408	27 45	82 33	190	168	15.4	20.3	278	20.8	18.5	1016.0	984.6		
141130	27 35.6	82 32.8	2	173	20	168	21.6	22.2	29.2	1015.7	982.5	PT 1	
141430	27 36.6	82 49.4	263	168	28.9	280	310	20.9	19.4	1015.5	984.9	PT 2	
141735	27 35	83 06.4	260	165	29.1	242	270	21.0	19.4	1015.5	983.4	PT 3	
145315	27 27	82 51	30	181	25.4	426	468	22.0	10.0	1016.1	963.0	→ +6TPA	
1502	27 46.6	82 30.0	28	162	11.1	269	299	21.6	17.4	1015.6	981.1	New HCF	
1514	27 51.0	82 29.6				-20		25.7	18.3		1015.7	1341	

FAX

DATE: April 8, 1996
TO: Dr. Jack Parrish, NOAA Aircraft Operations Center
FAX 813 828 3266
FROM: Bob Steward, University of South Florida
Marine Science Department
RE: FOCI Test Flight
CC: Terry Lynch

Enclosed are the coordinates for the test flight of the FOCI instruments on the #43 aircraft. A chart of the locations follows on the next page. The courses listed are only approximate, use the locations to plan the lines. These flight lines were selected to avoid sunglint and give a variety of marine environments.

Dates: 4/15/96 or 4/16/96 preferably 4/16/96

Time at first coordinate: 1000 EDT = 1400 GMT

Flight profile: 220 knts at 1,000 ft

Required instrumentation: Spectrix (USF), Satlantic (Dalhousie), p-code GPS or DGPS with time

Coordinates:

1 Rattlesnake Key	27 34.100N 82 36.700W
c/c 110°	
2 Egmont Key	27 36.800N 82 46.500W
c/c 267°	
3 MOA	27 35.300N 83 07.000W
c/c 265°	
4 50 fathom	27 32.500N 84 20.000W
c/c 118°	
5 Charlotte Harbor	26 40.000N 82 20.000W
c/c 334°	
6 Egmont Channel	27 36.000N 82 52.500W

POSITION REPORT

[illegible]

REMARKS
(4) 2054
57 250/67
160/9 3001