

FLT ID: 970213N	FM: SNN	TO: Y/T (ST. JOHNS)
FLT NO: 97-44	BLK IN: 1647	ATA: 1642Z
ETD: 1200Z	BLK OUT: 1153Z	ATD: 1203Z
ETE:	BLK TIME: 4:54	FLT TIME: 4:39
SPONSOR ORG: NSF	PROGRAM: FASTEX	PURPOSE: FERRY TO ST. JOHNS THEN OBJECTIVE TARGETING

DAO PERSONNEL

AC: PLAYER/PHILIPSBORN	SYS ENG: GOLDSTEIN
CP: FINKE	DATA SYS: PRADAS-BERNES
NAV: 21	RADAR:
FE: KITSON/MEREK	BT/ODW: HILL
RADIO:	CLD PHYS:
FD: DAMIANO	DOPPLER:

PARTICIPATING SCIENTIST/VISITORS/DAO

LAST, FIRST NAME	ACTIVITY ON A/C	AFFILIATION
SHAPIRO	PI	WPL
GELARO	ASST. PI	NRL
BARTELS	HAPS	NSSL
DESROZIER	OBS	FRANCE

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

Bob Gall called at 1445Z.

Talked to Jim M at 1405Z.

AT 2 -43 1625Z
DPL -60 in cld

MISSION OUT OF ST. JOHNS ABORTED DUE TO PRESSURIZATION PROBLEM WITH CABIN DOOR

U.S. DEPT. COMM./NOAA/OAO - DATA SECTION WORK FORM NO.2 OAOWF2 FILE

FLT ID: 970213N

TIME OFF: 120321

TIME ON: 164281

	A/C T/O	WX STN	A/C LAND	WX STN
PRESSURE	1009.0/995.0	29.88	1000.0	29.96

NO

DATA DISPOSITION/DATE/QUALITY

1/SEC FLT LVL TAPES

FAST FLT LVL TAPES

RADAR TAPES

DOPPLER TAPES

ODW CASSETTES

HARD COPIES

AXBT

AXCP

~~GPS~~ GPS

PHOTOGRAPHY

	FWD	LS	RS	VERT
ON				
OFF				
RATE				

REMARKS

970213N

TIME	LAT	20N	TRK	HD	WD	WS	TA	TD	PA	GA	PS	PQ		
120900	5245	0930	277	278	290	41	-24.9	-42.7	5253	5060	515.2	132.6	ABV	CLD
122500	5253	1143	275	274	276	48	-57.2	-63.5	11954	11653	191.9	90.0	ABV	CLD
124600	5300	1508	272	270	268	42	-56.8	-61.9	12455	12159	176.8	89.9	ABV	CLD
130900	5301	1858	268	266	261	41	-55.6	-61.1	12458	12148	176.8	91.1	ABV	CLD
135700	5232	2728	252	249	239	32	-53.4	-58.9	12461	12100	176.8	94.8	ABV	CIR
142100	5153	3142	263	260	243	32	-54.7	-59.8	12462	12079	176.8	97.8	ABV	CIR
143500	5141	3412	261	258	249	36	-55.1	-60.5	12459	12055	176.9	98.9	ABV	CIR
145300	5121	3720	259	256	249	32	-56.2	-61.1	12453	12038	176.9	96.9	ABV	BKN CLD
153000	5024	4334	254	252	249	38	-54.6	-60.4	12454	12024	177.0	96.3	ABV	CIR
155400	4937	4724	251	249	245	37	-53.5	-58.9	12453	12016	177.0	97.2	ABV	BKN CLD
160700	4908	4926	249	247	245	39	-53.6	-58.4	12450	12018	177.0	96.3	ABV	CIR

FASTEX

Flight #13 N970213 (Ferry to St. Johns)

DATA TYPE

SENSOR or OPTION

INE

VEW_PITR

Accelerometer

ACINS_PITR

Temperature Probe

AT1

Altitude (for vertical wind)

PALT

Static Pressure

PS1M

Dynamic Pressure

QC1M

Dewpoint Probe

DPRC

Notes:

This was a straight ferry to St. Johns with a follow-up mission after refueling. However the follow-up mission was aborted due to a pressurization problem with the cabin door.

No dynamic corrections were applied to the measured static and dynamic pressures. Thus wind direction and wind speed may not be representative of actual flight level conditions.

NO dropsondes were launched during the ferry flight to St. Johns.

Downward spikes in radar altimeter data are a result of overflying land.

	<u>Takeoff</u>	<u>Landing</u>
Aircraft static pressure	1009.0mb	1000.0mb
Corrected tower pressure	1010.0mb	1014.6mb

Flight Meteorologist: A. Barry Damiano, (813) 828-3310 ext. 3073

13-feb-1997, 17:00:00 Lambert conformal polar projection: g4 track with wind vectors.

