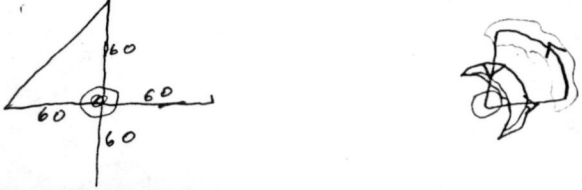


19780902 FL-FDR RFC FLT LOG

1

RFC-1 WORK FORM (7-76) U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION RESEARCH FACILITIES CENTER MIAMI, FLORIDA		AIRCRAFT N6541C	
FLIGHT LOG		FLIGHT NO. 38-78	
		FLIGHT ID 780902 F	
		DATE SEPT. 2, 1978	
TAKE OFF (City or airport) MIA	LAND (City or airport) MIA	ALTITUDE	
PURPOSE HURR. ELLA			
PROPOSED TAKEOFF TIME:		PROPOSED FLIGHT DURATION:	
TIME IN: 1935		TIME ON: 1930	
TIME OUT: 1110Z		TIME OFF: 1129	
BLK. TIME: 8125		FLIGHT TIME: 8:01	
FLIGHT PERSONNEL			
OPERATIONS CREW		SCIENTIFIC CREW	
VISITORS			
GUNNOE	NELSON	MICHAIE	BURPEE
PENRY	FLEURY	BRANCH	WILLIS
MORAN	NETTERVILLE	SCHRICKER	PARRIS
SCHISSEL		GOLDSTEIN	DOUGLAS
BATES LIPPMAN			
PROPOSED MISSION CLOUD PHYSICS IN RAINBANDS AT 20000 & 24000 ft.			
			
ACTUAL MISSION AND REMARKS AS PLANNED, NO 24000 ft. AS CLOUDS NOT HIGH ENOUGH 7 EYE PENETRATIONS			
DATA COLLECTED AND REMARKS 2 TAPES			

NOV 7 RECD

31-32
73.20

A/C COMMANDER		NAVIGATOR		A/C NO.		MISSION NO.		TIME AIRBORNE		LOCATION		DATE		PROJ. NAME	
Gunn002		Suh 1552-41-		41-		780902F		1130Z 112957		Miami		02 SEP 1978		ELLA	
TIME OF ENTRY	POSITION	TYPE	CONF. FACT.	INERTIAL POSITION		LAT. LON. COR'N	IMU POSITION		LAT. LON. COR'N	REMARKS					
112957	25-48.2 80-17.6	4	1	25-48.2 80-17.1			25-48.1 80-17.3								
115911	26-33.0 78-42.0	4	1	26-33.6 78-41.4		-0.6 +0.6	26-33.1 78-41.6		-0.1 +0.4						
133448				31-31.5 73-17.7			31-34.1 73-15.3			ELLA					
1427		9	1	31 35.9 N 073 15.6 W			31 34.8 073 12.9			ELLA.					
1512		9	1	31 35.9 N 073 18.6 W			31 33.6 N 073 14.0 W			ELLA.					
1552		9	1	31 33.8 N 073 18.7 W			31 33.2 N 073 14.2 W			ELLA.					
164112		9	1	31 46.0 N 073 12.9 W			31 38.8 N 073 07.8 W			ELLA.					
173138		9	1	31 44.4 073 06.7			31 45.4 N 073 01.2 W			ELLA.					
1930	25 48.0 N 080 17.6 W	4	1	25 50.7 080 21.2		-2.7 -3.6	25 53.5 N 080 13.5 W		-5.2 +4.1	2 nautical miles					
1934	25 48.3 N 080 17.6 W	4	1	25 50.8 080 20.9		-2.5 -3.3	25 53.7 080 13.1		-5.4 +4.5	Check. 2 1.4					

TYPE OF FIX: (1) DR (2) RADIO (3) CELESTIAL (4) VISUAL (5) LORAN (6) RADAR
 (7) DOPPLER (8) OMEGA (9) INERTIAL (10) OMEGA-INERTIAL
 CONFIDENCE FACTOR (Nautical Miles): (1-5, 1) (6-10, 2) (11-15, 3) (16-UP, 4)

DMTR 1

DMTR 2

FLIGHT 780902F
AIRCRAFT N6541C
DATE SEP. 2, 1978
DAY # 245

TOTAL REELS	
VTR	
DMTR <u>1</u>	
DMTR <u>2</u>	

[illegible][illegible]

		TA	TD		LA	LO		
1334	5741	-4.7	-12.7	20729	31°35'	73°15'	45 KTS	50 SDE
TEAL 1344	2913				31°32'	73°20'	060° 050 KTS	
1427	5743	-5.1	-11.6		31 34	73 13		
TEAL 1452					31 34	73 17	65 KTS SFC	
1605					31 44	73 27		
1512	5744	-5.8	-11.7		31 33 N	73 14 W		
1552	5742	-5.8	-11.7		31°33.2 N	73°14.2 W		
1641	5742				31 38 N	73 08 W		
5732	5732	-7.6	-12.4		31 45.4 N	73 01.2 W		

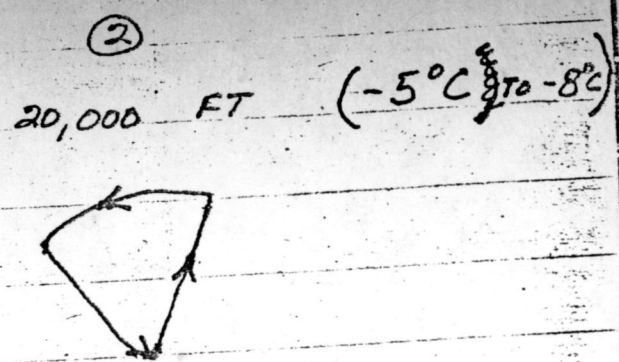
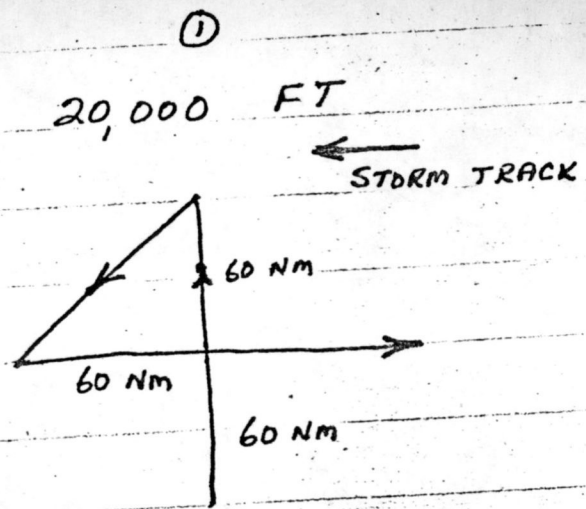
2 SEPT 1978

C-130 PROPOSED FLIGHT TRACKS

No Fix RESPONSIBILITIES

3 DROPWINDSONDES ENROUTE TO STORM

3 DROPWINDSONDES BETWEEN BANDS IN INITIAL
PATTERN



ARC LOCATED ALONG ACTIVE
CONVECTION - PATTERN REPEATED
APPROXIMATELY TWO HOURS
POSSIBLY IN MORE THAN ONE
SECTOR

③

23, - 24,000 FT (-15°C)

2 SEPT. 00Z 31.3N 72.9W
0553Z 31.4N 73.2W



ARC LOCATED ALONG ACTIVE CONVECTION
PATTERN REPEATED FOR APPROXIMATELY
ONE HOUR