

U.S. Dept. of Commerce / NOAA / Aircraft Operations Center

AOCWF1

Flt ID: 090508I #2	From: KNQX	To: KMCF
Flt No: 09-27	Blk In: 2206Z	ATA: 2157Z
ETD: 2100Z	Blk Out: 2058Z	ATD: 2103Z
ETE:	Blk Time: 1:08 (1.1)	Flt Time: :54 (.9)
Sponsor Org: NHC	Program: ECHAT	Purpose: Ferry from Key West to MacDill

AOC Personnel

AC: CHOY	Sys Eng:
CP: GIRIMONTE	Data Sys: GREENE
Nav: STEEL	Radar:
FE: FLOYD / BAST	GPS/BT: BOSKO
FD: DAMIANO	Cid Phys:
Avionics:	

Participating Scientists / Visitors / AOC

Name (Last, First)	Activity on Aircraft	Affiliation
RIRSCH, K	OBS	NOAA, Reg Res Coord
BECKENDORF, K	↓	NOAA Teacher In the Air

Proposed/Actual Mission Remarks (Recco, Fixes, Storm, PENET, NHOP #)

EMERGENCY MESSAGE

TRANSMIT THE FOLLOWING MESSAGE TO ANY AGENCY ON THE AIR-GROUND FREQUENCY IN USE. IF UNABLE TO ESTABLISH COMMS, ATTEMPT CONTACT ON ANY OF THE FOLLOWING EMERGENCY FREQUENCIES:

UHF/Voice VHF/Voice MF/Voice HF/CV MF/CV
243.0 121.5 2182 KHZ 8364 KHZ 500 KHZ

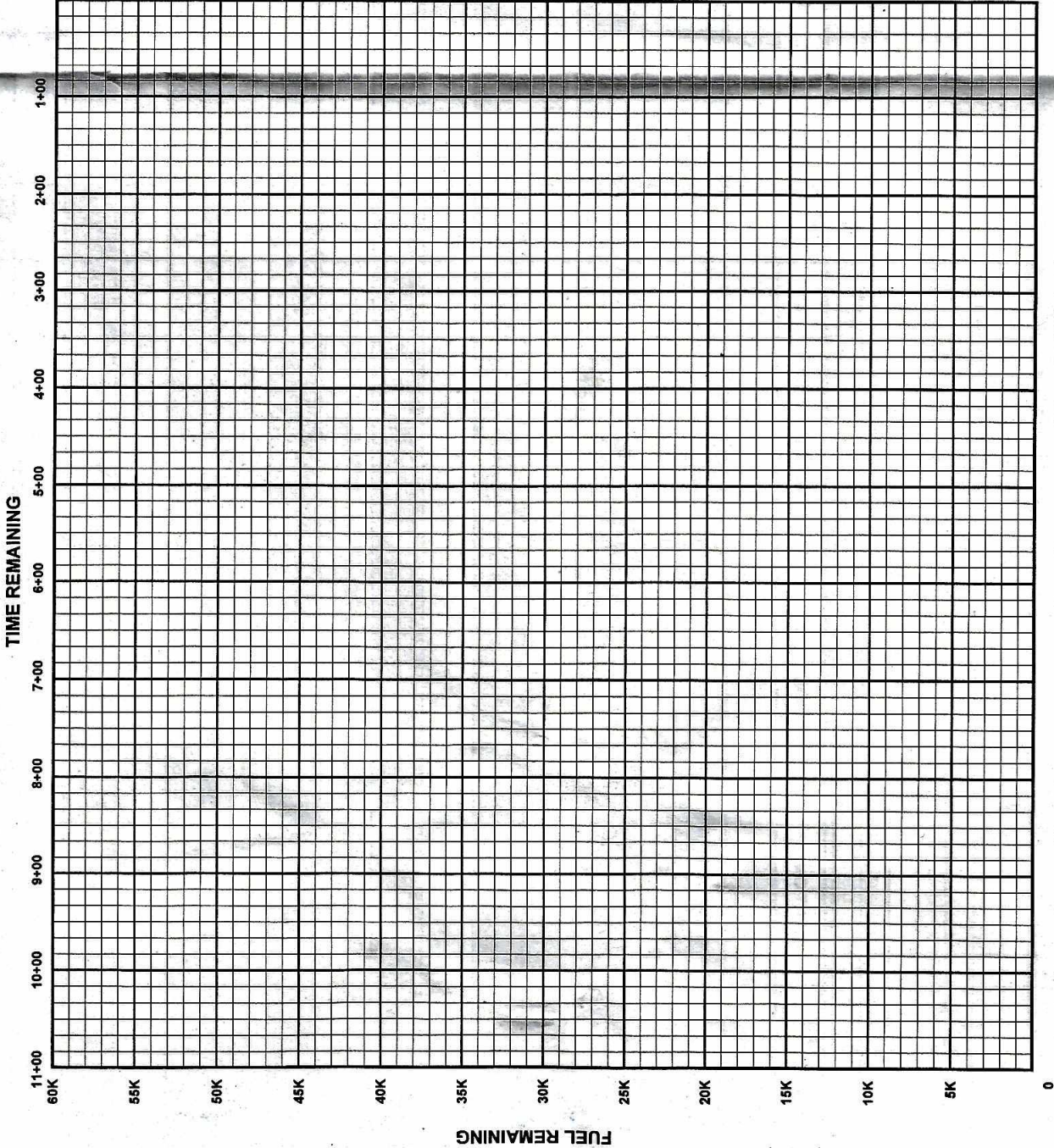
MAYDAY, MAYDAY, MAYDAY
THIS IS NOVA YCS NOVA YCS, NOVA YS

- POSITION _____ N/S
 E/W AT _____ Z

- HEADING _____ TRUE/MAG
- AT _____ KTS TRUE/INDICATED
- FLIGHT LEVEL OR ALTITUDE _____
- WE ARE A P-3 AIRCRAFT WITH _____ ID SOULS ON BOARD
- NATURE OF EMERGENCY _____
- ASSISTANCE DESIRED _____
- PILOT INTENTIONS _____
- WE HAVE _____ ENDURANCE REMAINING

[illegible]

RANGE CONTROL GRAPH



ENROUTE FUEL	
ENROUTE TIME	1400
ENROUTE FUEL (6K 5K 4.5K RULE)	6.0
RESERVE AT DESTINATION	10.0
REQUIRED RAMP	16.0
ACTUAL RAMP FUEL	

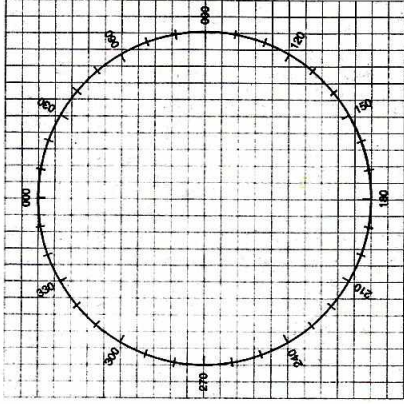
CEX - TRUE BEARING METHOD			
COMPASS TYPE	INS1	INS2	WET
MCH (READING)			
- MTH (SEXTANT)			
CE			
- VAR			
DEV			

CEX SIGHT	
GMT	
CHA	
CORR	
CHA	
LONGAW E	
EXACT LHA	
LAT	
BODY	
DEC	
HC/D	
CORR	
HC	
Z	
ZN	

TACTICAL (OFFSTA TO DESTINATION)		
	4 ENG	3 ENG
DISTANCE (OFFSTA TO DEST)		
ENROUTE TIME (OFFSTA TO DEST)		
BURN RATE (LBS/HR)	4500	5500
ENROUTE FUEL REQUIRED		
RESERVE AT DESTINATION		
FUEL AT OFFSTA		

CEX - ERB METHOD			
COMPASS TYPE	INS1	INS2	WET
MERB (DIAL 000)			
+ ZN			
= MTH			
MCH (READING)			
CE			
- VAR			
= DEV			

POINT OF SAFE RETURN		
	4 ENG	3 ENG
ETP DISTANCE (TO DEPARTURE)		
ENROUTE TIME (TO DEPARTURE)		
BURN RATE (LBS/HR)	4500	5500
FUEL REQUIRED		
RESERVE AT DEPARTURE		
PSR FUEL		



WIND FACTOR			
WINDSPEED	HEADWIND	TAILWIND	
10	1.03	.97	
20	1.06	.94	
30	1.10	.92	
40	1.14	.89	
50	1.18	.87	
60	1.22	.85	

DISTANCE REMAINING

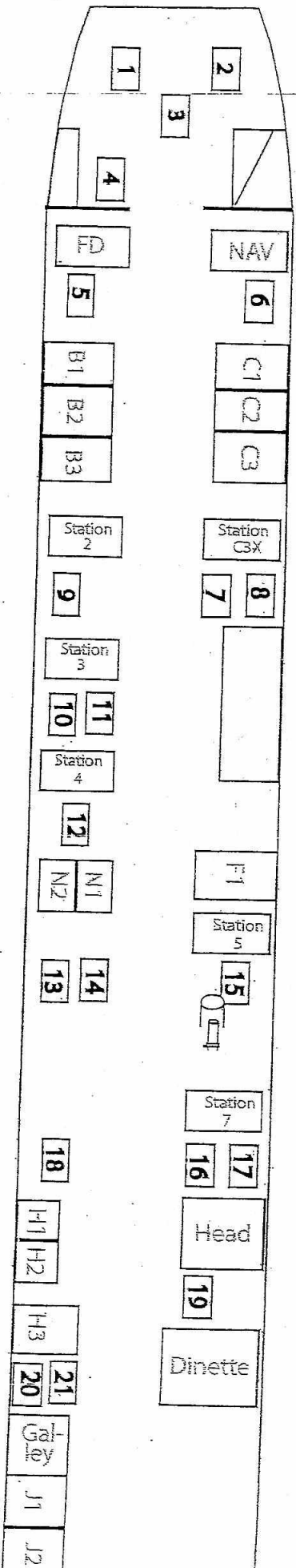
ETP = .5(TOTAL DISTANCE x OUTBOUND WIND FACTOR)

F-FACTOR						
PRESS ALT	200	250	300	350		
10,000	1.0	1.0	.99	.99		
20,000	.99	.98	.97	.97		
30,000	.97	.96	.95	.94		
40,000	.96	.94	.92	.90		

TRUE AIRSPEED CROSS-CHECK						
TIME	IAS	PRESS ALT	"F" FACTOR	EAS	OAT	TAS ITAS

NOAA AIRCRAFT OPERATIONS CENTER

Flight ID 090508L



1. CHOY PILOT
2. GIRIMONTE COPILOT
3. BAST FLIGHT ENGINEER
4. KIRSCH STATION 1
5. DAMIANO FLIGHT DIRECTOR
6. SIEBEL NAVIGATOR
7. ~~DOYER~~ STATION C3X
8. BECKENDORF STATION C3X
9. FELTGEN STATION 2
10. RHOME STATION 3
11. BEEL STATION 3
12. GREENE STATION 4
13. ELLIS PROJECT SEAT
14. PROJECT SEAT
15. BOSKO STATION 5
16. BRENN STATION 7
17. READ STATION 7
18. ~~FLOYD~~ STATION 8
19. DINETTE
20. GALLEY
21. GALLEY