

Alt ID: 021211 I	From: KMCF	To: KMCF
Flt No: 03-12	Blk In: 2005	ATA: 1954
ETD: 1800	Blk Out: 1833	ATD: 1844
ETE: 2+30	Blk Time: 1.5	Flt Time: 1.2
Sponsor Org: NRL	Program: SAR	Purpose: TEST FLIGHT

AOC Personnel

AC: TENNESEN, D	Sys Eng: LYNCH, T
CP: SILAH, M	Data Sys: TONG, R
Nav: ADLER, J / BRAKOB, D	Radar:
FE: FLOYD, D / TORREY, R	GPS/BT:
FD: SHEPHERD, T / FLAHERTY, P	Cld Phys:
Avionics:	AA Roles J

Participating Scientists / Visitors / AOC

Name (Last, First)	Activity on Aircraft	Affiliation
SLETTEN, M	PI	NRL
JUNER, B	Co-PI	UMASS
FARQUHARSON, G	"	UMASS
	OBS	CASC
KENSKY, S	OBS	CASC

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

No indication INSTRUMENT WORKED.

1965

1833

132

SAR
NO DATA RECORDED. KNOWN AFTER
POST FLIGHT CHECK OF SAR SYSTEM

FLIGHT NOT POST PROCESSED

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

AOCW-2

Flt ID:

021211I

Time Off:

1844

Time On:

1954

A/C (Take Off)

Wx Station (Take Off)

A/C (Land)

Wx Station (Land)

Pressure

1018.2

30.09

1017.8

30.10

Number

Data Disposition / Date / Quality

Flt Lvl Tapes

Radar Tapes

Cloud Physics Tapes

Video Tapes

AXBT

AXCP

AXCTD

Dropsondes

Video

Forward

Left Side

Right Side

Down

Remarks

Time On

Time Off

Rate

Remarks

Page 1 of 1

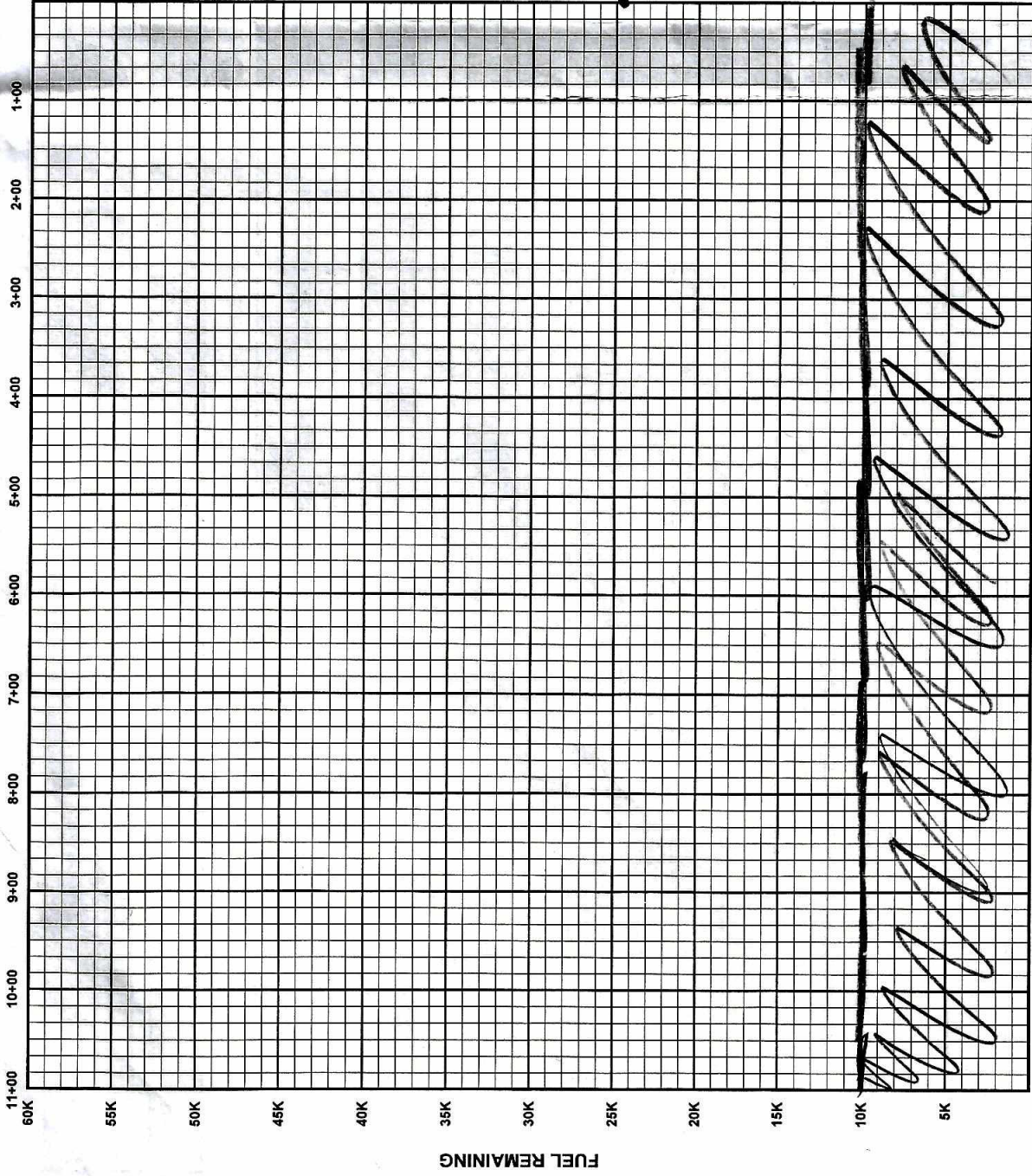
Form 413-50

[illegible]

RANGE CONTROL GRAPH

1840

TIME REMAINING

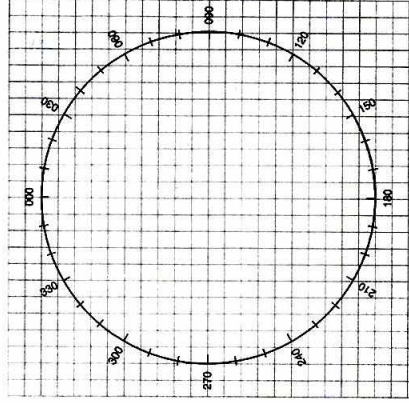


CEX - TRUE BEARING METHOD					CEX SIGHT	
COMPASS TYPE	INS1	INS2	WET		GMT	
MCH (READING)					GHA	
- MTH (SEXTANT)					CORR	
CE					GHA	
-VAR					LONG +W	
DEV					-E	
					EXACT LHA	
					LAT	
					BODY	
					DEC	
					HC/D	
					CORR	
					HC	
					Z	
					ZN	

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

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

POINT OF SAFE RETURN		
ETP DISTANCE (TO DEPARTURE)	4 ENG	3 ENG
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

PRESS ALT		
10,000	20,000	30,000
1.0	.99	.98
.99	.98	.97
.97	.96	.95
.96	.94	.92
.94	.92	.90

TRUE AIRSPEED CROSS-CHECK				
TIME	IAS	PRESS ALT	"F" FACTOR	EAS
1856	174	3K	17	184
				187

DISTANCE REMAINING

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

220 kts
2K+4K (3K)
upwind/downwind
10 minutes

POSITION REPORT

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/CW	MF/CW
243.0	121.5	2182 KHZ	3364 KHZ	500 KHZ

MAYDAY, MAYDAY, MAYDAY

THIS IS NOAA _____, NOAA _____, NOAA _____

- 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 _____ SOULS ON BOARD

- NATURE OF EMERGENCY _____

- ASSISTANCE DESIRED _____

- PILOT INTENTIONS _____

- WE HAVE _____ ENDURANCE REMAINING _____

NOAA AOC PROGRAMS
CADRG ONC 1:1 M - Equal Arc Projection

ST. PETERSBURG
PORT KEY
VENICE
FORT MEYERS
COOPER COUNTY
Cape Romano

CONUS AOC
07012

ONC H25, Ed 12, Apr 01 1991

NOAA AOC PROGRAMS

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