

3115

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

AOCWPF1

Flt ID: 070808I	From: KMCF	To: KMCF
Flt No: 07-	Blk In: 1747z	ATA: 1725/1731 / 1735/1738
ETD: 14z	Blk Out: 1417z	ATD: 1428z
ETE: 3+30	Blk Time: 3+30 (3.5)	Flt Time: 3+10 (3.2)
Sponsor Org: NOAA/AOC	Program: Hurricane (RUP)	Purpose: TEST FLT

AOC Personnel

AC: NELSON, M	Sys Eng: SMITH, J
CP: GIRMONT, A	Data Sys: LYNCH, T
FE: FLOYD, D	Radar:
FE: FLAHERN / ALMEIDA	GPS/BT:
FE: BISHOP, J / GARAGHER, T	Cld Phys:
Avionics: SANS SANC, D	

Participating Scientists / Visitors / AOC

Name (Last, First)	Activity on Aircraft	Affiliation
McCombs	UIS	AOC
DREISSNICK	UIS	USNA
HOANG	UIS	USNA
REYNOLDS	UIS	USNA

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

1443 TT'S (1+2) LOOK GOOD
 TD'S (1+2) LOOK GOOD

OR

HURRY BOX DEAD 1448

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AOCWF2

Flt ID: 0708087 Time Off: 1428z Time On:

A/C (Take Off)

Wx Station (Take Off)

A/C (Land)

Wx Station (Land)

Pressure

1015.3

1015.4

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

T/O

1255z

00000KTS

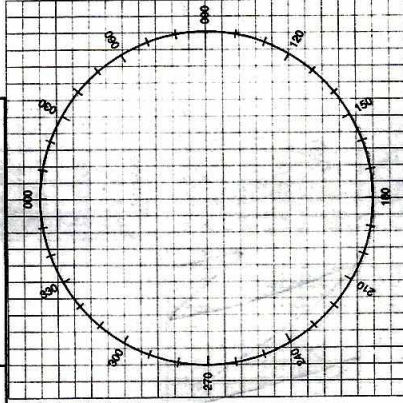
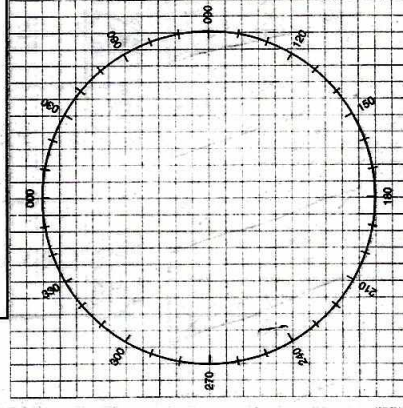
10 KM

29/26 2999

CLEARANCES			
FREQ	ALT	HDG	OTHER

FREQ	ALT	HDG	OTHER
118.8	4K	270	
	10K		
119.65			N 25-59.84
119.9			W 85-53.42
			sqwk 1345

PAGE **OF** **_____**



100

1. POSITION
2. TIME
3. ALTITUDE
4. NEXT POSITION
5. ETA
6. NEXT POSITION

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	8364 KHZ	500 KHZ

**MAYDAY, MAYDAY, MAYDAY
THIS IS 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 _____

- NATURE OF EMERGENCY
- ASSISTANCE DESIRED

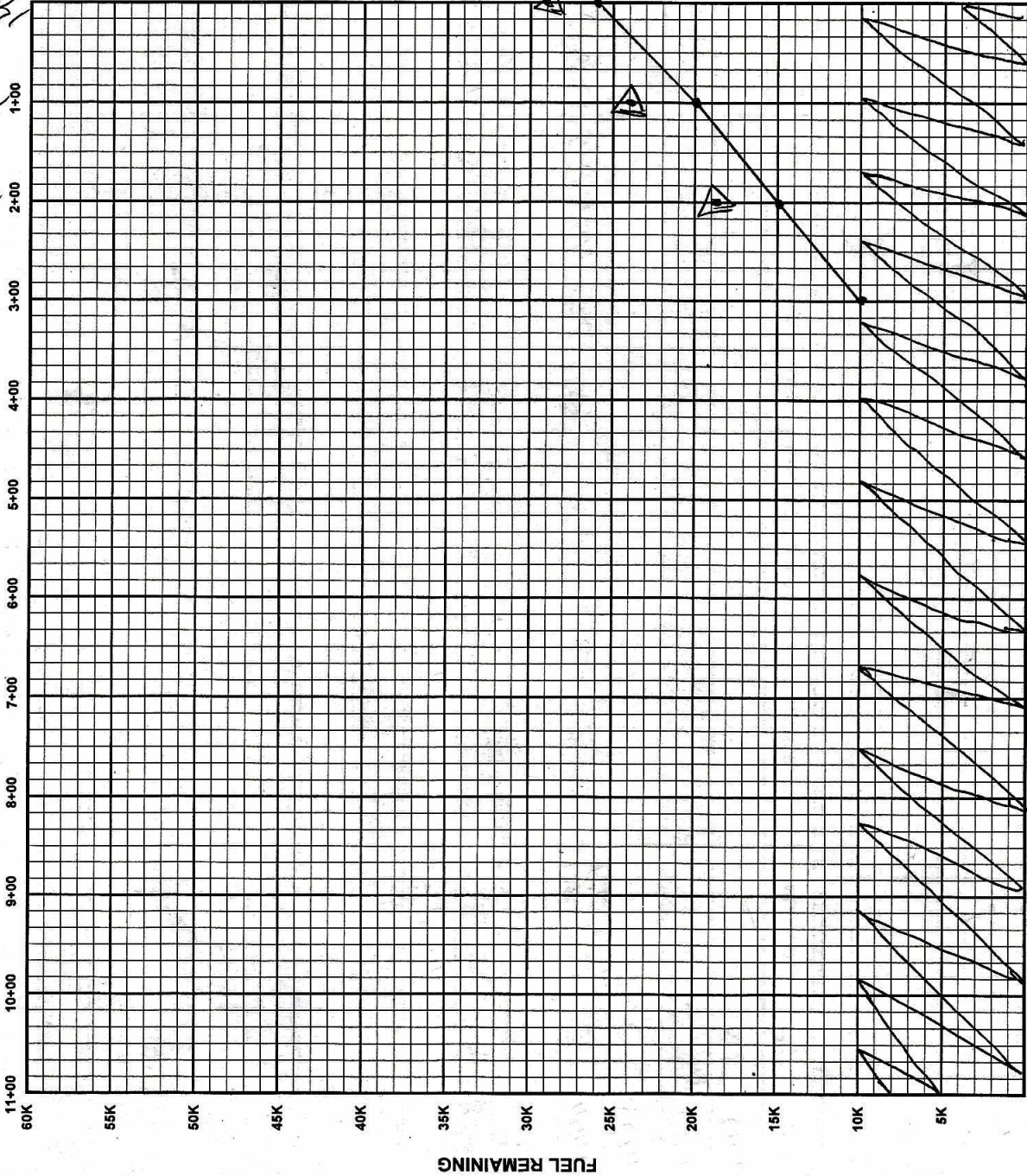
- PILOT INTENTIONS
- WE HAVE _____ ENDURANCE REMAINING

[illegible]

[illegible]A vertical strip of a black and white checkerboard pattern. The pattern consists of alternating black and white squares arranged in a grid. The strip is oriented vertically, showing a portion of the overall pattern. The squares are of equal size and are separated by thin white lines. The pattern is consistent throughout the strip, with no visible distortions or changes in color.A vertical strip of a black and white checkerboard pattern, used for color calibration. The pattern consists of alternating black and white squares arranged in a grid. The strip is oriented vertically and is used to ensure color accuracy in the scanned document.

RANGE CONTROL GRAPH

TIME REMAINING



FUEL REMAINING

ENROUTE FUEL	
ENROUTE TIME	3400
ENROUTE FUEL (6K/5K/4K RULE)	16.0
RESERVE AT DESTINATION	10.0
REQUIRED RAMP	26.0
ACTUAL RAMP FUEL	29.3

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 DESTINATION	
FUEL AT OFFSTA	

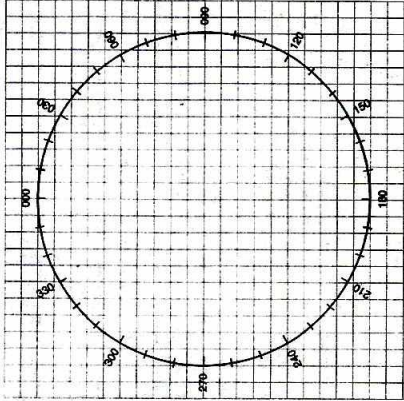
POINT OF SAFE RETURN	
ETP DISTANCE (TO DEPARTURE)	4 ENG 3 ENG
ENROUTE TIME (TO DEPARTURE)	
BURN RATE (LBS/HR)	4500 5500
FUEL REQUIRED	
RESERVE AT DEPARTURE	
PSR FUEL	

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

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

CEX - TRUE BEARING METHOD	
COMPASS TYPE	INS1 INS2 WET
MCH (READING)	
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CEX - ERB METHOD	
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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)

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

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