

PR

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

AOCWF-1

Flt ID: H060523	From: KMCF	To: KOPF
Flt No: 06-045	Blk In: 1232Z	ATA: 1228Z
ETD: 1130Z	Blk Out: 1128Z	ATD: 1140Z
ETE:	Blk Time: 1:04 (1.1)	Flt Time: :48 (.8)
Sponsor Org: AOC	Program: NOAA PA	Purpose: Ferry to OPALOCKA for H&D static display

AOC Personnel

AC: STRONG, T	Sys Eng:
CP: NETS CHAY, B	Data Sys:
Nav: BRAKOB / BISHOP	Radar:
FE: BAST	GPS/BT:
FD: DAMIANO	Cld Phys:
Avionics:	PARRISH

Participating Scientists / Visitors / AOC

Name (Last, First)	Activity on Aircraft	Affiliation
BAST, L	OBS (PA)	AOC

Proposed/Actual Mission Remarks (Recco, Fixes, Storm, PENET, NHOP #)	KOPF 25.91 80.28
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U.S. Dept. of Commerce / NOAA / Aircraft Operations Center

AOCWF2

Flt ID:

11060523

Time Off:

1140Z

Time On:

1228Z

A/C (Take Off)

Wx Station (Take Off)

A/C (Land)

Wx Station (Land)

Pressure

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

EIA-465 INACTIVE OVR EVERGLADES
1218Z 4.5 → 3K

NO FLT DATA 1223Z

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

AOCWF-1

Flt ID: <i>H060523</i>	From: <i>KOPF</i>	To: <i>KMCF</i>
Flt No: <i>06 - 046</i>	Blk In: <i>1757Z</i>	ATA: <i>1747Z</i>
ETD: <i>1700Z</i>	Blk Out: <i>1655Z</i>	ATD: <i>1703Z</i>
ETE:	Blk Time: <i>1:02 (1.0)</i>	Flt Time: <i>:44 (.7)</i>
Sponsor Org: <i>AOC</i>	Program: <i>PA</i>	Purpose: <i>Ferry back to McDILL</i>

AOC Personnel

AC: <i>STRONG</i>	Sys Eng:
CP: <i>CHAY</i>	Data Sys:
Nav: <i>BISHOP / BRAKOB</i>	Radar:
FE: <i>BAST</i>	GPS/BT:
FD: <i>DAMIANO</i>	Cld Phys:
Avionics:	<i>PARRISH</i>

Participating Scientists / Visitors / AOC

Name (Last, First)	Activity on Aircraft	Affiliation
<i>BAST</i>	<i>PA</i>	<i>AOC</i>
<i>TALBOT, J</i>	<i>OBS</i>	<i>AF 53 WRS</i>
<i>RENWICK, S</i>	<i>OBS</i>	<i>AF 53 WRS</i>

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

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

AOCWF2

Flt ID: 14060523 Time Off: 1703Z Time On: 1747Z

	A/C (Take Off)	Wx Station (Take Off)	A/C (Land)	Wx Station (Land)
Pressure		<u>30.07</u>		

	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	
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[illegible]

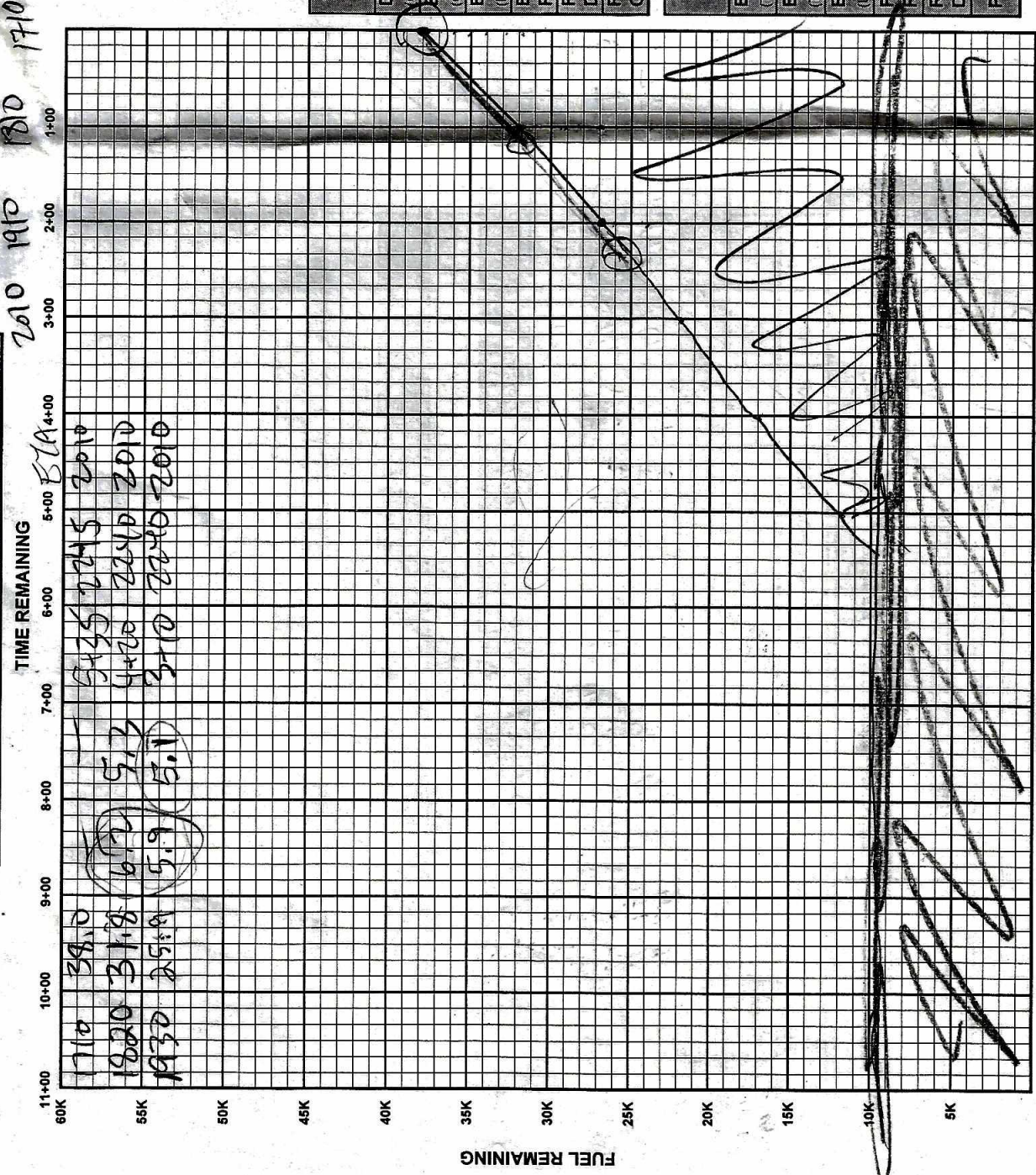
CY4 - CY4 Cypress Arrival p/2

38K

90/100E 559

3003
256
251 24

RANGE CONTROL GRAPH



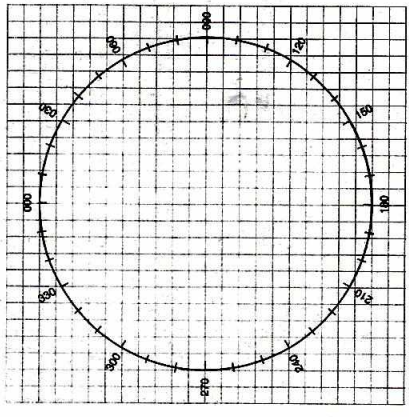
ENROUTE FUEL	2430
ENROUTE TIME	13.5
ENROUTE FUEL (GK-5K 45 SEULE)	10.0
RESERVE AT DESTINATION	23.5
REQUIRED RAMP	
ACTUAL RAMP FUEL	

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		

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		

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

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



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

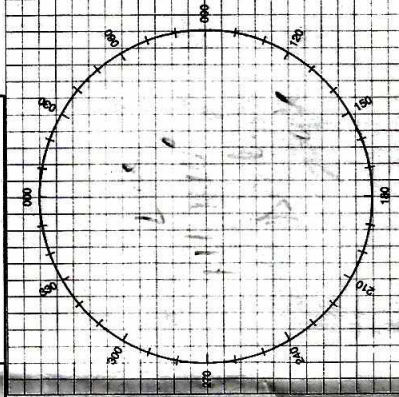
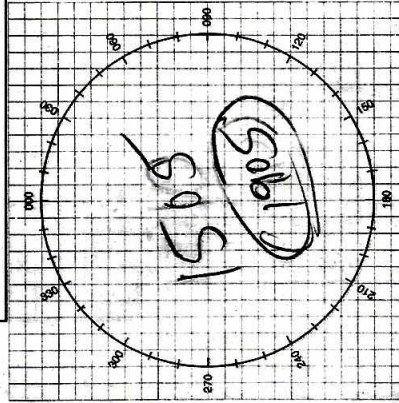
ETP = .5(TOTAL DISTANCE x OUTBOUND WIND FACTOR)

PRESS ALT	200	250	300	350
10,000	1.0	1.0	.99	.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
			X	X		

[illegible]

POSITION REPORT



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 _____, NOAA _____.

- POSITION _____ **N / S**

- HEADING _____ TRUE/MAG _____

-AT _____ KTS TRUE/INDICATED

- FLIGHT LEVEL OR ALTITUDE -
WE ARE A B 2 AIRCRAFT WITH

- WE ARE A P-3 AIRCRAFT WITH SOULS ON BOARD

- NATURE OF EMERGENCY

- ASSISTANCE DESIRED

- WE HAVE _____ ENDURANCE REMAINING _____

[illegible]

2 Aug

821K
2b
B269

1459,46 (1859:46)

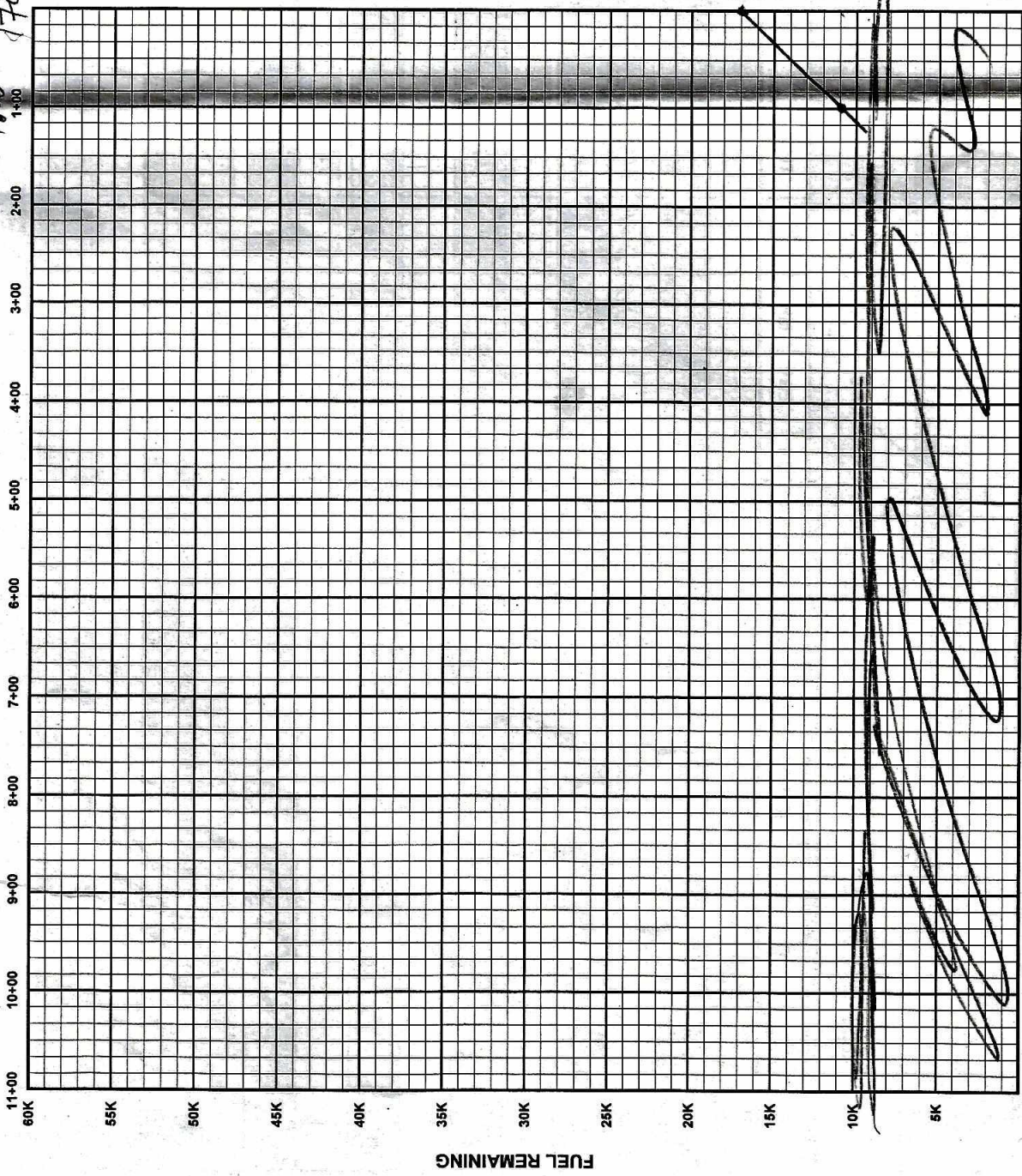
1904.42 [2K:1061 2H:6051]

1505

+20 sec

RANGE CONTROL GRAPH

0081 1760



ENROUTE FUEL	
ENROUTE TIME	1400
ENROUTE FUEL (6K SK 4.5K RULE)	6K
RESERVE AT DESTINATION	10K
REQUIRED RAMP	16K
ACTUAL RAMP FUEL	17K

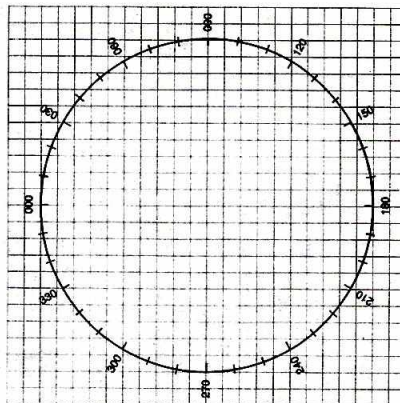
TACTICAL (OFFSTA TO DESTINATION)		
4 ENG	3 ENG	
DISTANCE (OFFSTA TO DEST)		
ENROUTE TIME (OFFSTA TO DEST)		
BURN RATE (LBS/HR)	4500	5500
ENROUTE FUEL REQUIRED		
RESERVE AT DESTINATION		
FUEL AT OFFSTA		

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			

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 SIGHT	
GMT	
GHA	
CORR	
GHA	
LONG W E	
EXACT LHA	
LAT	
BODY	
DEC	
HC/D	
CORR	
HC	
Z	
ZN	



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	200	250	300	350
ALT				
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

[illegible]

3206E

[illegible]

INS PERFORMANCE		INS 1	INS 2
BEGIN ALIGN TIME	1620	1620	1620
ALIGN STATUS (0-5)	5	5	5
END NAV TIME	1757	1757	1757
START NAV TIME	1641	1641	1641
DELTA T	1+16	1+16	1+16

TERMINAL ERRORS		
	INS 1	INS 2
DELTA LAT	0	0
DELTA LON	-2	-4
RGS	0	0
RADIAL ERROR	0	0

[illegible]

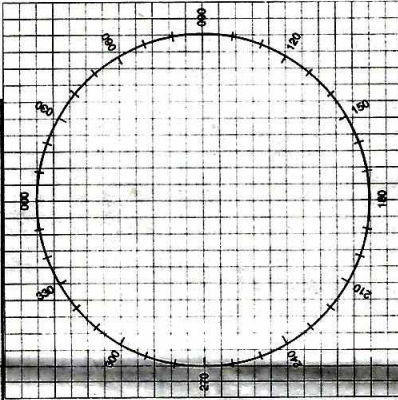
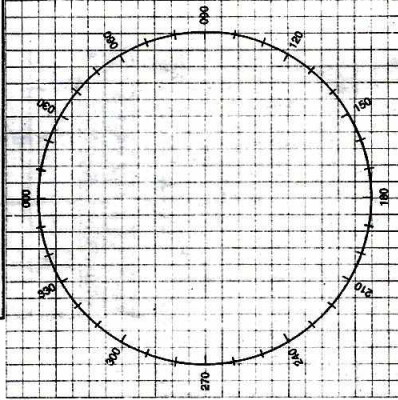
PHK-2BV BRDGE S

MISSION LOG

PAGE

FO

OF

[illegible]

POSITION REPORT

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

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	8364 KHZ	500 KHZ

MAYDAY, MAYDAY, MAYDAY

THIS IS NOAA _____, NOAA _____, NOAA _____

- POSITION _____ **N / S**

- 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 DESIRÉE

-PILOT INTENTIONS
-WE HAVE
ENDURANCE REMAINING

[illegible]

LNB

END
NAV