

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

Flt ID: 050107H	From: KMCF	To: KMCF
Flt. No: 05-	Blk In: 2145Z	Time On: 2134Z
ETD: 1800Z	Blk Out: 1916Z	Time Off: 1920Z
ETE: 1+30	Blk Time: 2+29 2.5 Hrs	Flt Time: 2+08 2.1 Hrs
Sponsoring Org: NOAA/NESDIS	Program: OCEAN WINDS	Purpose: INST. CHECK

AOC Flight Crew

Aircraft Commander: SILAH, M	Data System: MC MILLAN, S
Co-Pilot: NELSON, M	AVAPS: TONG, R
Navigator: BRAKOB, D	System Eng:
Flight Eng: KLIPPEL, J	A A: NEWHAUS, J
Flight Director: SHEPHERD, T	A A: WILSON, J
Avionics: KURTZ, M	Crew Chief:

Participating Scientists / Visitors

Name (Last, First)	Activity on Aircraft	Affiliation
CONTRERAS, ROB		UMASS/NESDIS
ASUZU, PETER		↓
KERR, B		↓
ESTEBAN, D		CIRES
TOPEY, B		AOC

Remarks (Storm Name, Mission ID, Recco Times, Fix Times)

Recco Times

Fix # Fix Time

Storm Name:

Mission ID:

2709 8 257

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Flight ID: 050107H Time Off: 1926 Time On: 2134

A/C - Takeoff	Wx Station - Takeoff	A/C - Land	Wx Station - Land
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Pressure	<u>1020.7</u>	<u>30.18</u>	<u>1020.5</u>	<u>30.18</u>
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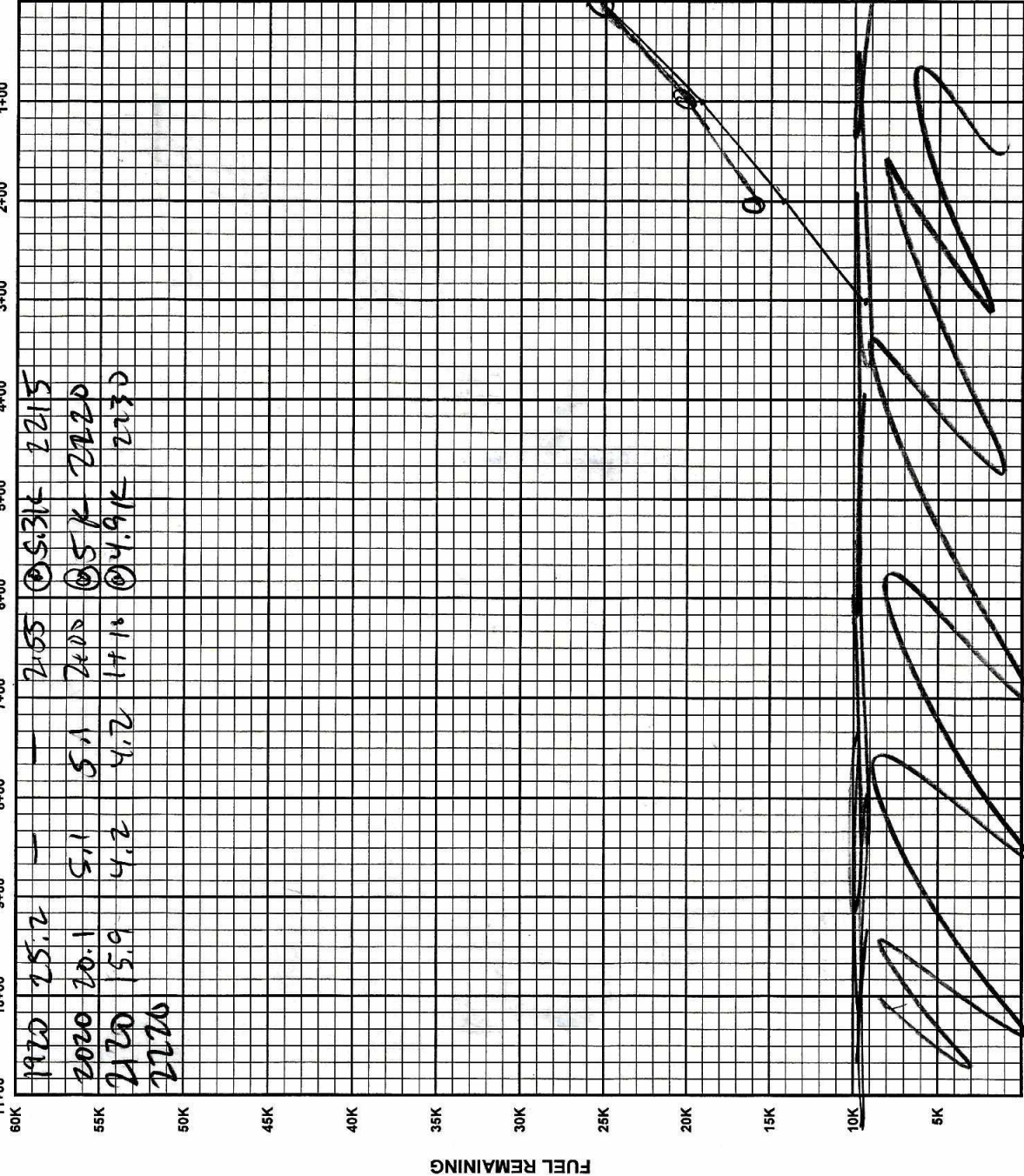
	Number	Data Disposition / Date / Quality
Flight Level Tapes	<u>2</u>	
Radar Tapes		
Cloud Physics Tapes / CDs		
Video Tapes		
Dropsondes	<u>1</u>	Good: Bad: <u>NO WIND - Good PTH Drop from 3K</u>
AXBT	<u>1</u>	
AXCP	<u>0</u>	
AXCTD	<u>0</u>	

Remarks:

RANGE CONTROL GRAPH

TIME REMAINING

11+00 10+00 9+00 8+00 7+00 6+00 5+00 4+00 3+00 2+00 1+00



FUEL REMAINING

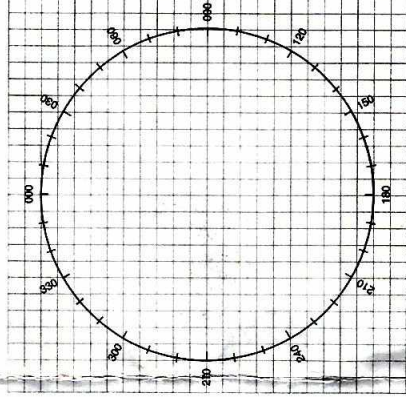
ENROUTE FUEL	
ENROUTE TIME	3+00
ENROUTE FUEL (6K 5K 4.5K RULE)	16K
RESERVE AT DESTINATION	10K
REQUIRED RAMP	26K
ACTUAL RAMP FUEL	25.2K

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

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

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

CEX - ERB METHOD			
COMPASS TYPE	INS1	INS2	WET
MERB (DIAL 000)			
+ ZN			
= MTH			
MCH (READING)			
CE			
- 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			
10,000	1.0	.99	.99
20,000	.99	.98	.97
30,000	.97	.96	.95
40,000	.96	.94	.92

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20,000	.99	.98	.97
30,000	.97	.96	.95
40,000	.96	.94	.92

PRESS ALT		200	250	300	350
T-FACTOR	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

INS PERFORMANCE		INS 1	INS 2
BEGIN ALIGN TIME		1730	1730
ALIGN STATUS (0-5)		0	0
END NAV TIME		2135	2135
START NAV TIME		1900	1900
DELTA T		2+35	2+35

TERMINAL ERRORS		
	INS 1	INS 2
DELTA LAT	-4	+2.7
DELTA LON	+1.4	+4
RCS	0	1
RADIAL ERROR	1	3

[illegible]

POSITION REPORT

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

[illegible]

FIX TYPES
(G) - GPS (I) - INS (R) - RADIO (V) - VISUAL (C) - CELESTIAL (D) - DR

(G) - GPS (I) - INS (R) - RADIO (V) - VISUAL (C) - CELESTIAL (D) - DR

[illegible]