

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

Flt ID: 050110H	From: KMCF	To: CYT
Flt No: 05-05	Blk In: 2006Z	Time On: 1957Z
ETD: 1300	Blk Out: 1343Z	Time Off: 1356Z
ETE: 6+30	Blk Time: 6+23 6.4 Hrs	Flt Time: 6+01 6.0 Hrs
Sponsoring Org: NOAA/NESDIS	Program: OCEAN WINDS	Purpose: FERRY

AOC Flight Crew

Aircraft Commander: SILAH, M	Data System: MEM, HAW, S
Co-Pilot: NELSON, M	AVAPS:
Navigator: SIEGEL, P ; BRAKOB, D	System Eng:
Flight Eng: KLIPPEL, J ; WADE, S	A A:
Flight Director: SHEPHERD, T ; FLAHERTY, P	A A:
Avionics: ROGERS, M	Crew Chief: TORREY, R

Participating Scientists / Visitors

Name (Last, First)	Activity on Aircraft	Affiliation
CHANG, P	PI	NOAA/NESDIS
CONTRERAS, R		UNASS
ASUZU, P		UNASS
ESTEBAN, D		NOAA/NESDIS

Remarks (Storm Name, Mission ID, Recco Times, Fix Times)	Recco Times	Fix #	Fix Time
Storm Name: _____	Re 2005010 0007		
Mission ID: _____			

(See reverse for additional remarks)

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Flight ID: 050110H	Time Off: 1356	Time On: 1957
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XXXXXX	A/C - Takeoff	Wx Station - Takeoff	A/C - Land	Wx Station - Land
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Pressure	1025.9	30.29	1005.1	30.16
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	Number	Data Disposition / Date / Quality
Flight Level Tapes		
Radar Tapes		
Cloud Physics Tapes / CDs		
Video Tapes		
Dropsondes		Good: Bad:
AXBT		
AXCP		
AXCTD		

Remarks:

No CO₂ RAD
RA159 ↓ @ T.O. Switch to 232 ~ 1405Z

Tu A
Torbay Aerocentre

109-576-4615

123.0 UNICOM

888 CAN PASS

1358
1528

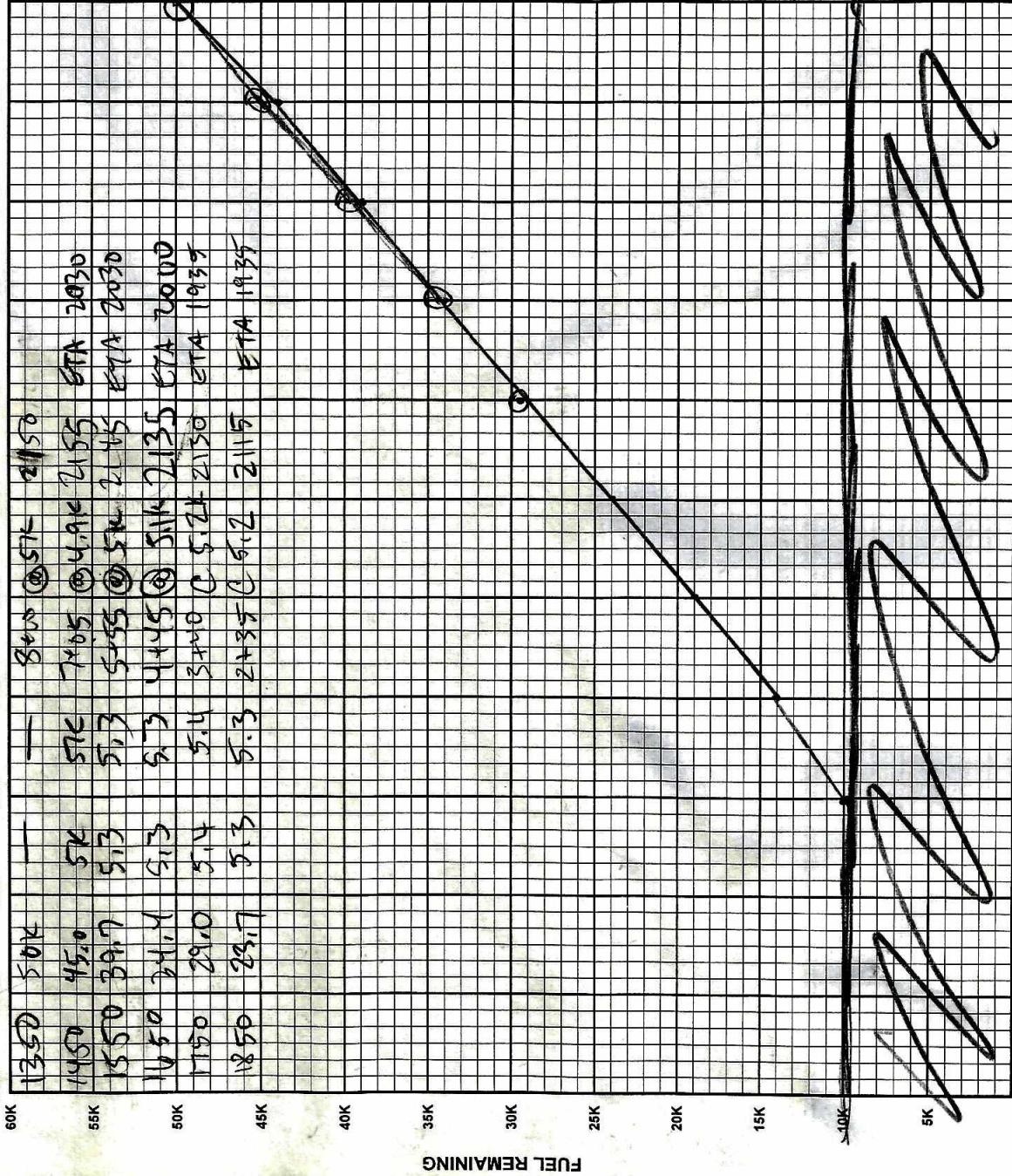
30.17
30.16

2030 3430 1530 1200

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



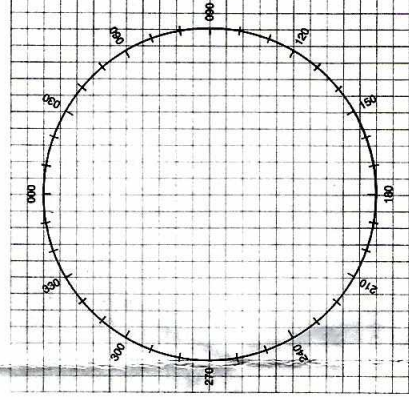
CEX - TRUE BEARING METHOD				CEX SIGHT	
COMPASS TYPE	INS1	INS2	WET	GMT	
MCH (READING)				GHA	
- MTH (SEXTANT)				CORR	
CE				GHA	
-VAR				LONG +W -E	
DEV				EXACT LHA	
				LAT	
				BODY	
				DEC	
				HC/D	
				CORR	
				HC	
				Z	
				ZN	

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

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

TACTICAL (OFFSTA TO DESTINATION)			
DISTANCE	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			



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	.99
20,000	.99	.98	.97	.97	.97
30,000	.97	.96	.95	.94	.94
40,000	.96	.94	.92	.90	.90

TRUE AIRSPEED CROSS-CHECK						
TIME	IAS	PRESS ALT	"F" FACTOR	EAS	OAT	ITAS
1456	237	150	X	+8	300	273

