

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

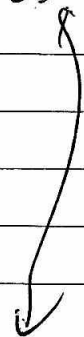
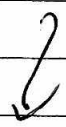
AOCWF-1

Flt ID: H060505	From: KPBB	To: KTPA KTPA
Flt No: 06-040	Blk In: 1426Z	ATA: 1422Z
ETD: 1230Z	Blk Out: 1327Z	ATD: 1332Z
ETE:	Blk Time: :59 (1.0)	Flt Time: :50 (.8)
Sponsor Org: NHC	Program: HURRI AWARENESS TOUR	Purpose:

AOC Personnel

AC: C'NOY	Sys Eng:
CP: NELSON	Data Sys: OLNEY
Nav: BRAKOB	Radar:
FE: BAST	GPS/BT: RASCO
FD: DAMIANO	GLP Sys: TORREY, MELK
Avionics:	PM McFADDEN

Participating Scientists / Visitors / AOC

Name (Last, First)	Activity on Aircraft	Affiliation
MAYFIELD	OBS	NHC
KNABB		
STEWART		
ZALESKI		
FELTGEN		
FUGATE, C		
ASKEY, M	PA	NWS S. REGION
BAST, L		NOAA PA
		Dir of FLA EMS
		FEMA, REGION IV
		AOC

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

T/O delayed due to start button not staying in for engine start

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AOCWF2

Flt ID: H060505 Time Off: 1322z Time On: 1422z

	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

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AOCWF1

Flt ID: H060505B	From: KTPA	To: KMCF
Flt No: 06 - 041	Blk In: 2141	ATA: 2132z
ETD:	Blk Out: 2112z	ATD: 2118z
ETE:	Blk Time: :29 (.5)	Flt Time: :14 (.2)
Sponsor Org: NHC	Program: NURR. AWARENESS TOUR	Purpose: FERRY TO KMCF

AOC Personnel

AC: C HOY	Sys Eng:
CP: NELSON	Data Sys: OLNEY
Nav: BRAKOB	Radar:
FE: BAST	GPS/BT: RASCO
FD: DAMIANO	Old Phys: TOR BAST, L
Avionics:	

Participating Scientists / Visitors / AOC

Name (Last, First)	Activity on Aircraft	Affiliation

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

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AOCWF2

Flt ID:	Time Off:	Time On:
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	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

[illegible]

INS PERFORMANCE		INS 1	INS 2
BEGIN ALIGN TIME		12/5	12/5
ALIGN STATUS (0-5)		2	1
END NAV TIME		1421	1421
START NAV TIME		1250	1250
DELTA T		1431	1431

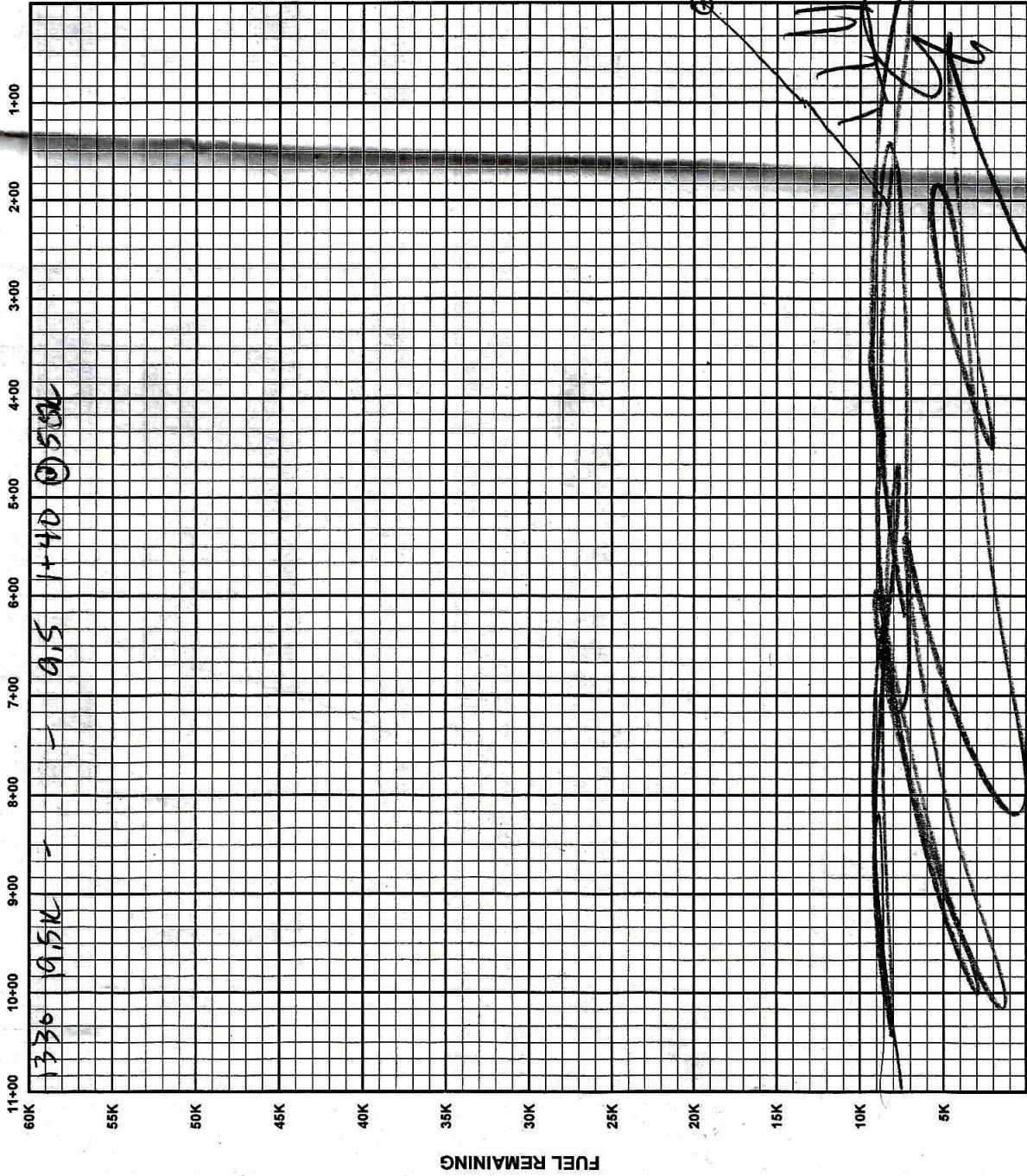
TERMINAL ERRORS		
	INS 1	INS 2
DELTA LAT	+2	+1
DELTA LON	-7	-2
RCS	1	0
RADIAL ERROR	1	0

[illegible]

RANGE CONTROL GRAPH

430 1330

TIME REMAINING



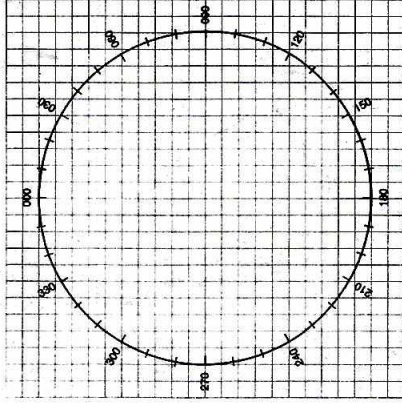
ENROUTE FUEL	
ENROUTE TIME	1+00
ENROUTE FUEL (6K/5K/4.5K RULE)	6K
RESERVE AT DESTINATION	10K
REQUIRED RAMP	16K
ACTUAL RAMP FUEL	19.5K

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 SIGHT	
GMT	
GHA	
CORR	
GHA	
LONGW - E	
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		200		250		300		350	
10,000	1.0	.99	.98	.97	.96	.95	.94	.93	.92
20,000	.99	.98	.97	.96	.95	.94	.93	.92	.91
30,000	.97	.96	.95	.94	.93	.92	.91	.90	.89
40,000	.96	.95	.94	.93	.92	.91	.90	.89	.88

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