

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

AOCWPT

Flt ID: J041028	From: KMCF	To: KPIE
Flt No: 05-01	Blk In: 1631z	ATA: 1626z
ETD: 1330z	Blk Out: 1329z	ATD: 1339z
ETE:	Blk Time: 3:02 (3.0)	Flt Time: 2:47 (2.8)
Sponsor Org: AOC	Program:	Purpose: TEST NEW NAV EQUIP

AOC Personnel

AC: KENNEDY	Sys Eng: SMITH
CP: NELSON	Data Sys: MCMILLAN
Nav: BRAKOB / SIEGEL	Radar:
FE: FLOYD / KLIPPEL	GPS/BT: OLNEY OLNEY
FD: DAMPANO	Cld Phys:
Avionics:	

Participating Scientists / Visitors / AOC

Name (Last, First)	Activity on Aircraft	Affiliation

Proposed/Actual Mission Remarks (Recco, Fixes, Storm, PENET, NHOP #) **Buoy 42003 26°06' 85°55'**
 on way out **3 left circles** **30° roll angle of bank** on way back **3 left circles**
3 right circles **3 right circles**
5 min loop at buoy

NO TT3

1257 22
21

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AOCWF2

Fit ID: **I041029** Time Off: **1339Z** Time On: **1626Z**

	A/C (Take Off)	Wx Station (Take Off)	A/C (Land)	Wx Station (Land)
Pressure	1020.0	30.13 / 1019.8	1019.4	30.12 / 1019.5

	Number	Data Disposition / Date / Quality
Fit Lvl Tapes	2	
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 **Get 127 upper air** ~~140028~~ **140028** **Swivel to INE1**

235
235/50 **144830**

325 **55**

55

145

1511

142630 **last callin CP5**

142700 **PICHTH1 steady**

145600 **W2 ~2 m/s**

150400 **PICHTH1 steady**

151935 **picth1 steady**

1536 **from picth1 steady**

1558 **picth1 steady (1.5)**

Mission _____

Flt ID 041029I

SED Crew Smith, McMillan

Pre-Flight 1130Z Take-Off 1339Z Landing 1626Z

	System			Pre-Flight	In-Flight	Post-Flight				
						LAT	Lon	CS	RE	
NAV	GPS	FM: 1		STM						
	INE #1	Time On: 1130	Aligned to:			-3	+4	3	1	
	INE #2	Time On: 1130	Aligned to:			-2	+1	2	0	
	Diff GPS			STM						
RADAR	MARS Data	Start	Stop	Ready?	HRDP?	# DATs ? Given To:				
	MARS			NA	Y/N					
	MARS Data / Tape Status					LFRec	TARec	EOF's		
	MARS LU8	Clean		NA						
	MARS LU9	Clean		NA						
	RADAR R/T SN Tail	LF		NA	Mod Switches	ON	Mod Switches	OFF		
	Nose			STM		Power	OFF			
PMS	FSSP Ref VDC:	Covers	(OFF)	NA		Covers	ON			
	Cloud Mono	Covers	(OFF)	NA		Covers	ON			
	CIP	Covers	(OFF)	NA		Covers	ON			
	SEA Data DAT	Start	Stop	Ready?	#DATS	Errors	Disk Write	Given To:		
	DAT Clean?			NA		Y / N				
		Cal High	Cal Low			Cal High	Cal Low			
TEMP	Temp #1			STM						
	Temp #2			STM		Power	OFF			
	Temp #3			N/U		Power	OFF			
	Dewpoint	(#1) #2 #3 (TDL)				Power	OFF			
PRE	Attack / Slip Angle	AP DP BP DBP		STM		Power	OFF			
	Differential	PQ1 PQ2 PQ3 PQ4		STM		Power	OFF			
	Absolute	PS1 PS2 CBPS		STM		Power	OFF			
FLTLVL	Apn-159 SN:	66-024		STM		Power	OFF			
	Apn-232 SN:	1751		STM		Power	OFF			
	Liquid Water	J&W King			28V WOW: ON ?	Power	OFF			
	Radiometer	(CO2) (SST)		STM	28V WOW: ON ?	Power	OFF			
RAMS	RAMS Data	Start	Stop	Ready?	Errors 8:	Errors 9:	# DATs ? Given To:			
	CPU: A (B)	1314	1632	STM			Power	OFF		
	RAMS Data / Tape Status					Slow Rec	Fast Rec	Disk Records:		
	RAMS LU8	Clean	(D)	STM						
	RAMS LU9	Clean		STM						
	Flight Director Laptop			STM			Power	OFF		
	Network			NA						
	ASDL Mission #:	Name:		NA	Freq:	Block:	Power	OFF		
C.I. Printer	Start	Stop	Ready?	Paper Bin Stores			Given To:			
PRATE: 1b	1314	1632	STM	0%	25%	50%	75%	100%	Power OFF	
MISC	Exterior Walk Around	Plugs	Covers	JAS		Plugs	Covers			
	SATCOM	W/S Inmarsat	GlobalStar			Power	OFF			
	AXBT Internal	# Loaded :		N/A		# Launched :				
	AXBT External	# Loaded :		N/A	28V WOW	# Launched :				
	AVAPS	# On Board :		N/A		# Dropped :				
	Video Cameras	Start	Stop	Ready?	Cameras	Mode	# Tapes ? Given To:			
	VHS SVHS			N/A	N L R D	2 / 12	Lens Cap ? :			
	FCU	-A-B-C-		STM			UPS	OFF		
USER	SFMR HRD AOC			NA						
	HRD Work Station			NA		Accelerometers				
	NASA SRA			NA		#1 (2 G):				
	ARL BAT Probe, SST & IRGA			NA		#2 (2.5 G):				
	UW PDA			NA		#3 (3 G):				
	Scripps MASS, Laser Alt, IR Cam & Sono			NA		#4 (3.5 G):				
	RSMAS Licor			NA						

MISSION PREFLIGHT LOG			NAVIGATOR			AIRCRAFT COMMANDER			FLIGHT DIRECTOR			SCHEDULED / ACTUAL TAKEOFF Z			DATE OF TAKEOFF				
WP	LAT / LON	RTE	MH	VAR +E=>	TH	DR +R=>	TRK	GS	WD	WS	ALT	TAS	LEG / TOT DIST	LEG / TOT TIME	PROP ETA	ETA	ATA	REMARKS	
KMCF	N 27 51.0 W 82 31.3	1																	
CIGAA	27 29.6 84 47.0	2	265	4W	261	0	261												
MUNOM	26 02.8 85 59.0	3	220	3W	217	0	217												
BWOY	26 00.0 85 55.0	4	130	2W	128	0	128												
BLOND	27 54.9 83 09.3	5	054	2W	052	0	052												
PIE	27 54.5 82 41.1	6	095	4W	091	0	091												

INS PERFORMANCE	
INS 1	INS 2
BEGIN ALIGN TIME	1130
ALIGN STATUS (0-5)	0
END NAV TIME	1626
START NAV TIME	1312
DELTA T	314

TERMINAL ERRORS	
INS 1	INS 2
DELTA LAT	-13
DELTA LON	+4
RGS	3
RADIAL ERROR	1

REMARKS