

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

Flt ID: <b>040906I</b>	From: <b>KNEW</b>	To: <b>KOPF</b>
Flt. No: <b>04-59</b>	Blk In: <b>1717 Z</b>	Time On: <b>1707Z</b>
ETD: <b>1500Z</b>	Blk Out: <b>1445 Z</b>	Time Off: <b>1453Z</b>
ETE: <b>+</b>	Blk Time: <b>2+32      2.5 Hrs</b>	Flt Time: <b>2+14      2.2 Hrs</b>
Sponsoring Org: <b>NOAA/NHC</b>	Program: <b>Hurr 2004</b>	Purpose: <b>REPO St. Croix</b>

**AOC Flight Crew**

Aircraft Commander: <b>TEBEEST, R</b>	Data System: <b>LYNCH, T</b>
Co-Pilot: <b>SILAH, M   CHOY, B</b>	AVAPS: <b>TONG, R</b>
Navigator: <b>SIEGEL, P   ADLER, J</b>	System Eng: <b>SMITH, J</b>
Flight Eng: <b>FLOYD, D   KLIPPEL, J</b>	A A:
Flight Director: <b>SHEPHERD, T</b>	A A:
Avionics:	Crew Chief: <b>MITCHELL, R</b>

**Participating Scientists / Visitors**

Name (Last, First)	Activity on Aircraft	Affiliation
<b>Dodge, P</b>	<b>PI</b>	<b>NOAA/HRD</b>
<b>Black, M</b>	<b>PI</b>	<b>1</b>

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

<u>Storm Name:</u> _____	<u>Recco Times</u>	<u>Fix #</u> <u>Fix Time</u>
<u>Mission ID:</u> _____		
<u>Penetration number and time</u>		

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Flight ID: *040906I*      Time Off: *1453 Z*      Time On: *1707 Z*

	A/C - Takeoff	Wx Station - Takeoff	A/C - Land	Wx Station - Land
Pressure	<i>1008.5 mb</i>	<i>29.80 mb</i>	<i>1010.5 mb</i>	<i>29.86 mb</i>

ATIS	Time	Observation
Takeoff	Z	
Land	Z	

	Number	Data Disposition / Date / Quality
Flight Level Tapes		
Radar Tapes		
Cloud Physics Tapes / CDs		
Video Tapes		
Dropsondes		Good:      Bad:
AXBT		
AXCP		
AXCTD		

**Remarks:**

*1 NE I - Alt. tude only today* *2554*  
*- Data tapes started ~1446* *8017*  
*- Laptop shut down @ T.O. - got hot; changed battery* *1744 TISX*  
*6442*

*KOPF 1453Z 180186Z 10SM SCT032 BKN 039*  
*MET A 2985 PK WIND 18026/1429*  
*TISX TEMP 1620 -SHRA SCT020 BKN040*  
*FM 2300 190/10 68m FEW 025*

*1750 190176Z 2200*

Mission Repo Ferry - OPA → TISX Flt ID 0A0906 I

SED Crew Lynch, Tony, Smith

Pre-Flight 13:30 Take-Off 14:52 / 18:26 Landing 17:06 / 21:55

System		Pre-Flight		In-Flight			Post-Flight				
NAV	GPS	FM: 1		TL			LAT	LON	GS	RE	
	INE #1	Time On:	13:30	Aligned to:	1	5/2	439	-01	5	4	
	INE #2	Time On:	13:30	Aligned to:	0	TL	-59	139	1	7	
	Diff GPS			TL							
RADAR	MARS Data	Start	Stop	Ready?	HRD?		# DATs ? 0 Given To: →				
	MARS			TL	Y/N						
	MARS Data / Tape Status					LFRec	TARec	EOF's			
	MARS LU8	Clean			NY						
	MARS LU9	Clean			NY						
	RADAR R/T SN	Tail	202/102	LF	102	TL	Mod Switches	ON	Mod Switches	OFF	
PMS	Nose			TL			Power	OFF			
	FSSP Ref VDC:	Covers	OFF	NY			Covers	ON			
	Cloud Mono	Covers	OFF				Covers	ON			
	CIP	Covers	OFF				Covers	ON			
	SEA Data DAT	Start	Stop	Ready?	#DATS	Errors	Disk Write	Given To: —			
DAT	Clean?			↓		Y / N					
TEMP		Cal High	Cal Low				Cal High	Cal Low			
	Temp #1	430.6	-30.5	TL			30.7	-30.2			
	Temp #2			TL			Power	OFF			
	Temp #3			TL			Power	OFF			
PRES	Dewpoint	#1	#2	#3 (TDL)	TL		Power	OFF			
	Attack / Slip Angle	AP	DAP	BP	DSP	TL	3	Power	OFF		
	Differential	PQ1	PQ2	PQ3	PQ4	TL		Power	OFF		
FLTLVL	Absolute	PS1	PS2	QBPS	TL		Power	OFF			
	Apn-159 SN:	66-024			TL		Power	OFF			
	Apn-232 SN:	1761			TL		Power	OFF			
	Liquid Water	J&W	King		RT	28V WOW: ON?	Power	OFF			
RAMS	Radiometer	CO2	SST		TL	28V WOW: ON?	Power	OFF			
	RAMS Data	Start	Stop	Ready?	Errors 8:	Errors 9:	# DATs ? 2 Given To: 54				
	CPU: A	B	14:45	21:53	Y	1	0	Power	OFF		
	RAMS Data / Tape Status					Slow Rec	Fast Rec	Disk Records: 2594			
	RAMS LU8	Clean			TL	2594	2594/				
MISC	RAMS LU9	Clean			TL	2594	2594/				
	Flight Director Laptop				TL		Power	OFF			
	Network				NY						
	ASDL Mission #:	Name:			NY	Freq:	Block:	Power	OFF		
	C.I. Printer	Start	Stop	Ready?	Paper Bin Stores			Given To: 54			
USER	PRATE:	60	14:46	21:53	TL	0%	25%	50%	75%	100%	
	Exterior Walk Around	Plugs	Covers		RT		Plugs	Covers			
	SATCOM	WIS	Inmarsat	GlobalStar	JS		Power	OFF			
	AXBT Internal	# Loaded:	0		NY		# Launched:	0			
	AXBT External	# Loaded:	0		NY	28V WOW	# Launched:	0			
AVAPS	# On Board:	4	36	JAS		# Dropped:	0				
	Video Cameras	Start	Stop	Ready?	Cameras	Mode	# Tapes ? 0 Given To:				
	VHS SVHS			NY	(L) (R) (D)	2 / 12	Lens Cap ? : ✓				
	FCU				NY		UPS	OFF			
USER	SFMR	HRD	AOC		TL		Accelerometers				
	NASA SRA				NY		#1 (2 G):	8203			
	ARL BAT Probe, SST & IRGA				↓		#2 (2.5 G):	6687			
	UW PDA				↓		#3 (3 G):	5967			
Scripps MASS, Laser Alt, IR Cam & Sono				↓		#4 (3.5 G):	2892				
RSMAS Licor				TL							







