

FLT ID: 1950403	FM: MCF	TO: OKC
FLT NO:	BLK IN: 1904	ATA: 1859Z
ETD: 1600Z	BLK OUT: 1456Z	ATD: 1505Z
ETE:	BLK TIME: 4:08	FLT TIME: 3:54
SPONSOR ORG: NSSL	PROGRAM: VORTEX95	PURPOSE: FERRY TO OKC

ORO PERSONNEL

AC KENNEDY	SYS ENG LYNCH
CP TENNESSEN	DATA SYS PRADAS-BERUNES
NAV STRONG	RADAR
FE BAST/MOORE	BT/ODW
RADIO SANS SOUCI	CLD PHYS
FD DAMIANO	DOPPLER

PARTICIPATING SCIENTIST/VISITORS/ORO

LAST, FIRST NAME	ACTIVITY ON A/C	AFFILIATION
CLOSSER		AOC
McNERNEY		AOC

PROPOSED/ACTUAL MISSION/REMARKS (RECCO, FIXES, STORM, PENET, NHOP #)

U.S. DEPT. COMM./NOAA/ORA - DATA SECTION WORK FORM NO.2 OROWF2 FILE

FLT ID: 1950403

TIME OFF: 1505Z

TIME ON: ~~1859Z~~ 1859Z

	A/C T/O	WX STN	A/C LAND	WX STN
PRESSURE	1022.8		970.3	

NO

DATA DISPOSITION/DATE/QUALITY

1/SEC FLT LVL TAPES

1

FAST FLT LVL TAPES

RADAR TAPES

DOPPLER TAPES

ODW CASSETTES

HARD COPIES

AXBT

AXCP

ODW

PHOTOGRAPHY

	FWD	LS	RS	VERT
ON				
OFF				
RATE				

REMARKS

1534Z

PT 331.4

ET 334.3

1856Z .5 dph TT1-TT3

1556Z
BAL DPT

I950403

TIME	LAT	CON	TRK	HD	WD	WS	PA	GA	TA	TD	SP	PS		PO
150700	2752	8227	123	127	87	11	739	858	11.4	2.8	1024.9	916.3	CLR	71.4
151700	2741	8303	241	248	292	37	5137	5251	-8.4	-19.5	1016.1	524.3	CLR	64.4
153500	2750	8418	281	278	265	78	7804	8149	-24.2	-32.3	1008.8	365.6	CLR	61.8
160100	2815	8606	284	281	265	69	7936	8274	-26.4	-30.6	—	359.3	CLR	65.5
164000	2916	8852	302	295	263	64	7931	8237	-28.4	-33.4	—	359.6	SCT CLD	66.0
170900	3028	9050	313	305	256	55	7928	8182	-30.5	-41.5	—	359.7	SCT CLD	67.6
173800	3156	9241	312	305	260	51	7927	8128	-32.4	-43.1	—	359.8	SET CLD	65.3
180800	3322	9439	311	302	256	66	7926	8021	-34.6	-44.2	—	359.8	CLD BLW	68.5
183100	3428	9614	309	302	255	47	7363	7304	-30.9	-43.0	—	390.4	CLD BLW	66.4
184100	. CLD													
184500	out of CLD													
184800	RW-													
185100	STOP													

NOAA • AOC • SED Flight Performance Log

22 March 95

Aircraft : N43RF

Project: VORTEX • ARM '95

Mission : Ferry → OKCSED Crew: Lynch, JCPBFlight ID : 950403IPre-Flight: 1100Take-Off: 15:05Landing: 18:59

System			Pre-Flight	In-Flight	Post-Flight		
NAV	INE #1	Aligned to : <u>5</u>	✓		<u>1.3</u>	<u>4.8</u>	<u>2</u>
	INE #2	Aligned to : <u>D</u>	✓		<u>1.3</u>	<u>4.2</u>	<u>4</u>
	GPS		✓		Lat	Long	GS
RADAR	Nose		✓				
	L/F	R/T SN : <u>102</u>	✓				Mod Switch Off ? ✓
	Tail	R&T SN : <u>201/201</u>	✓				Mod Switch Off ? ✓
	ASAU's & RCU		✓				
	MARS Data System		✓				# DATs : <u>1</u>
PMS	2DG-C	Ch 1/64: <u>1</u>	<u>Ⓟ</u> <u>NG</u>				
	2DG-P	Ch 1/64: <u>1</u>					
	FSSP	Ref VDC:					
	SEA Data System		✓ <u>TL</u>				# DATs : <u>—</u>
TEMP		Cal High	Cal Low			Cal High	Cal Low
	Temp #1	<u>30.6</u>	<u>-30.3</u>	<u>34.6</u> ✓ <u>TL</u>		<u>30.5</u>	<u>-30.3</u>
	Temp #2	<u>30.6</u>	<u>-30.5</u>	<u>33.7</u> ✓ <u>TL</u>	<u>Ⓟ</u>	<u>30.5</u>	<u>-30.3</u>
	Temp #3 (Starboard)			✓ <u>TL</u>			
	Dewpoint #1			✓ <u>TL</u>			
PRESS	Dewpoint #2			✓ <u>TL</u>			
	Attack Angle (AP/DAP)			✓ <u>TL</u>			
	Slip Angle (BP/DBP)			✓ <u>TL</u>			
	Differential (PQ1/PQ2/PQ3)			✓ <u>TL</u>			
	Absolute (PS1/PS2)			✓ <u>TL</u>			
FLTLVL	Radome Transducers		Plugs Out ? ✓				
	Apn-159	SN: <u>SW 2</u>		✓ <u>TL</u>			
	Apn-232	SN: <u>1699</u>		✓ <u>TL</u>			
	King Liquid Water			✓ <u>TL</u>			
	J&W Liquid Water			✓ <u>TL</u>			
USE	Down PRT-5 (SST)			✓ <u>TL</u>			
	Side PRT-5 (CO ²)			✓ <u>TL</u>			
	Up PRT-5		Open ? ✓ <u>Ⓟ</u>			Closed ? ✓ <u>TL</u>	
	RAMS Data System			✓ <u>TL</u> <u>Ⓟ</u> <u>Ⓟ</u> <u>Ⓟ</u>			# DATs : <u>1</u>
	Exterior Walk Around		✓ <u>JCP</u> <u>Ⓟ</u> <u>Ⓟ</u> <u>Ⓟ</u>				
USE	Video	<u>Ⓟ</u> <u>Ⓟ</u> <u>Ⓟ</u> <u>D</u>					
	FCU	<u>-A-B-C-</u>		✓ <u>TL</u>			
	Charge Probe						Accelerometers
	Gerber Liquid Water			<u>1.7/1.9</u> ✓ <u>TL</u>			#1 (2 G) : <u>8148</u>
	Field Mills	<u>Ⓟ</u> <u>Ⓟ</u> <u>Ⓟ</u> <u>Ⓟ</u>		✓ <u>TL</u>			#2 (2.5 G) : <u>6684</u>
USE	ETL Dual-Channel uWave Radiometer			<u>NM</u>			#3 (3 G) : <u>5967</u>
	Epply Radiometers (PSP / PIR)			✓ <u>TL</u>			#4 (3.5 G) : <u>2892</u>
	2 Meter Repeater / Duplexer			✓			
	Cappiccuno Machine			✓			

Please Note any Discrepancies

[illegible]

Figure shows this

I950403

~~NAI~~ no remar

INE1

DATA GAPS

~~BAD POSITION~~ (DATA)

152025 - 152040 (BAD POS.)

155332 - 155340 (BAD POS)

PSF

1506 - 1507

PC + Roll

INE1 165900

INS PERFORMANCE		
	INS 1	INS 2
BEGIN ALIGN TIME	1320	1320
ALIGN STATUS (0-5)	5	0
END NAV TIME	1905	1905
START NAV TIME	1445	1445
DELTA T	420	420
TERMINAL ERRORS		
	INS 1	INS 2
DELTA LAT	+3	+1.3
DELTA LON	+8	+2
RCS	2	4
RADIAL ERROR	1	1
REMARKS		

