

Flt ID: 010828I	From: KMCF	To: KMCF
Flt No: 01-044	Blk In: 1840Z	ATA: 1831Z
ETD: 13Z	Blk Out: 1329Z	ATD: 1341Z
ETE: 1930Z	Blk Time: 5.11 5.2	Flt Time: 4:50 4.8
Sponsor Org: NOAA	Program: AOC	Purpose: WIND CAL

AOC Personnel

AC: KENUL, P	Sys Eng: LYNCH, T ✓
CP: HALVERSON, H / TEBEST, R ✓	Data Sys: GOLDSTEIN, A ✓
Nav: NEWMAN, C ✓	Radar: BARR, J ✓
FE: WADE, S ✓	GPS/BT: SMITH, J ✓
FD: C272YK, S ✓ / SHEPHERD, T ✓	Cld Phys:
Avionics: SANS SWCI, D ✓	

Participating Scientists / Visitors / AOC

Name (Last, First)	Activity on Aircraft	Affiliation
WALSH, E ✓		

Proposed/Actual Mission Remarks (Recco, Fixes, Storm, PENET, NHOP #) BAL DW#1 140230

TK 040
NAV. LAPTOP FOR T/O LANDING
AOC SHEET
DONNA SOFTWARE
RED NAT SOFTWARE
TI 3
KING WIRES

ID: 010828I

Time Off: 1341Z

Time On: 1831Z

Wx (Take Off)

Wx Station (Take Off)

A/C (Land)

Wx Station (Land)

Pressure

1018.1

30.07

1016.2

30.03

Data Disposition / Date / Quality

Number

Flt Lvl Tapes

2

Radar Tapes

1

Cloud Physics Tapes

1

Video Tapes

AXB T

AXCP

AXCTD

Dropsondes

Forward

Left Side

Right Side

Down

Remarks

Time On

Time Off

Rate

Remarks

Flight ID:

010828I

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

Form 413-50

TIME	LAT	LONG	TK	HD	TA	TO	WD	WS	PA	GA	PS	SP	REMARKS
135430	2820	8148	33	34	8.9	-3.5	191	2.2	2847	3131	703.2	1014.3	LEVEL OK
142730	2945	7934									919.1	1019.2	LEVEL 1500
143530	2932	7933	120	121	24.2	19.9	323	5.3	373	445	969.2	1019.4	BEGIN LEG 1
143830	2928	7928	135	136	25.1	13.8	328	6.3	374	445	969.2	1019.2	BEGIN LEG 1 180 IAS
143930	2923	7921											END LEG 1
144330													CLIMB X 1500
144640	2933	7938	214	216	17.3	4.3	25	14.9	1400	1519	856.0	1019.0	LEVEL OK
144730													YAW MANEUVER
145320													YAW 6 CYCLES DOME
145945	2933	7949	35	36	17.0	13.8	41	9.6	1397	1518	856.3	1019.6	BEGIN LEG 1 240 IAS
150245	2943	7940	35	36	16.8	14.1	42	7.5					END LEG 1
150430													150 ROLL LEFT
150845	2942	7953	215	216	17.3	14.0	40	10.8	1394	1516	856.1	1019.5	BEGIN LEG 2 240 IAS
151245	2931	8002	215	215	17.4	13.7	42	12.2	1393	1515	856.6	1019.4	END LEG 2
151600	2927	7956	45	46	17.2	14.2	47	9.5	1391	1510	856.9	1019.4	BEGIN LEG 3 210 IAS
151900	2934	7947	45	46	16.9	14.1	52	9.2					END LEG 3
152020	2935	7950	224	225	17.0	14.3	39	10.7	1389	1507	857.1	1019.3	BEGIN LEG 4 210 IAS
152320	2926	7959											END LEG 4
152335			225										BEGIN LEFT CIRCLES
153030													END LEFT CIRCLES
153040	2924	8003											BEGIN RIGHT CIRCLES
153730	2923	8003	045	45	17.2	14.9	34	9.6	1386	1503	857.4	1019.1	END RIGHT CIRCLES
154120	2932	7955	37	38	17.4	13.7	33	8.5	1386	1503	857.4	1018.9	BEGIN LEG 5 180 IAS
154500	2941	7947			17.4	12.7	54	8.6	1386	1502	857.3	1019.0	END LEG 5
154700	2941	7952	215	216	17.9	11.8	41	9.4	1385	1499	857.6	1018.7	BEGIN LEG 6
155100	2929	8001	215	217	17.5	13.7	28	11.6	1385	1510	857.6	1018.7	END LEG 6
1552													CLIMB
160115	2943	7933	066	067	12.0	-7.0	250	5.1	2842	3031	715.3	1015.1	Begin Leg 1 180
160415	2948	7921			12.1	-6.9	267	8.1	2841	3032	715.3	1015.6	End Leg 1
160600	2945	7922	243	246	11.9	-10.2	271	4.8	2843	3032	715.2	1015.9	Begin Leg 2 - 180
160855	2940	7936	244	246	12.4	-6.8	248	5.4	2842	3032	715.2	1015.1	End Leg 2 - 180
161145	2937	7943			12.4	-7.4	243	3.6	2847	3037	715.2	1016.1	End Leg 2 - 180
161420	2942	7938	066	067	12.0	-12.8	215	2.9	2843	3035	715.2	1015.9	Begin Leg 1 - 240
161720	2948	7922			12.2	-5.7	246	7.6	2845	3035	715.3	1015.4	End Leg 1
161930	2944	7924	246	246	12.3	-6.0	242	5.5	2842	3034	715.2	1015.4	Begin Leg 2 - 240
162230													End Leg 2
162800	2941	7922	069	071	1.0	-21.7	240	7.6	4583	4878	571.1	1014.6	Begin Leg 1 - 180 150 PA
163100	2945	7908			0.8	-19.7	258	7.0	4578	4875	571.3	1016.0	End Leg 1
163340	2947	7913	249	251	1.1	-20.5	249	6.4	4582	4877	571.1	1014.1	Begin Leg 2 - 180
163800	2941	7933			1.3	-24.4	250	5.8	4579	4878	571.2	1014.4	End Leg 2

Time	LAT	LOn	TK	HD	TA	TD	WD	WS	PA	GA	PS	SP	Remarks
164020	2939	7927	070	072	1.4	-19.4	236	8.0	4576	4873	571.5	1014.1	Begin leg 1 - 210
164315	2945	7910			1.1	-20.5	261	7.5	4579	4875	571.5	1015.1	End leg 1
164630	2940	7917	249	250	1.0	-18.6	250	7.7	4578	4877	571.4	1014.4	Begin leg 2 - 210
164930	2935	7933			1.3	-26.9	250	6.0	4573	4869	571.8	1014.6	End leg 2
165210	2940	7927	075	076	1.3	-24.4	237	9.1	4579	4877	571.3	1014.6	Begin leg 1 - 240
*165420	2943	7914	055	055	1.5	-20.5	240	8.7	4578	4876	571.4	1014.0	Begin leg 1 over
165720	2953	7859			1.1	-15.9	250	9.9	4575	4873	571.6	1015.2	End leg 1
170200	2940	7909	235	236	1.3	-18.3	269	8.2	4577	4874	571.4	1014.0	Begin leg 2 - 240
170500	2931	7924	235	237	1.2	-27.5	278	8.7	4572	4867	571.9	1014.7	End leg 2
170730	2924	7934											YAW
171400	2908	8000											END YAW
172230	2934	7947	080	081	-10.4	-30.3	262	7.1	6120	6509	464.1	1016.8	Begin leg 1 - 180 20K PA
172601	2937	7929			-10.5	-30.5	271	5.8	6118	6505	464.3	1016.4	End leg 1
172830	2940	7935	260	262	-10.2	-30.9	283	7.0	6120	6507	464.1	1016.3	Begin leg 2 - 180
173130	2938	7950			-10.2	-27.4	274	7.7	6119	6512	464.3	1017.0	End leg 2
173500	2935	7938	080	081	-10.4	-30.6	260	6.6	6120	6512	464.1	1016.7	Begin leg 1 - 240
173800	2938	7918			-10.3	-21.9	240	5.6	6118	6509	464.3	1016.1	End leg 1
174100	2945	7924	260	261	-10.3	-26.0	280	4.9	6119	6509	464.2	1016.0	Begin leg 2 - 240
174400	2942	7942	260	261	-10.0	-30.6	275	5.8	6114	6506	464.5	1016.8	End leg 2
174530	2940	7952	260	260	Begin pitch maneuvers.								
174835	2938	8008	261	261	-6.8	-18.7	260	8.7	5602	5940	503.0	1015.2	End pitch
174950			Vectoring home.										

 = BAD LEG

TIME	ALT	IAS	INTO WIND	WITH WIND
150001 - 150200	5000 RA	240	✓	
151046 - 151245		240		✓
151624 - 151823		210	✓	
152056 - 152255		210		✓
154127 - 154326		180	✓	
154853 - 155052		180		✓
160208 - 160407	10,000 RA	180		✓
160723 - 160922		180	✓	
161526 - 161725		240		✓
162024 - 162223		240	✓	
162854 - 163053	15,000 PA	180		✓
163601 - 163800		180	✓	
164126 - 164325		210		✓
164631 - 164830		210	✓	
165501 - 165700		240		✓
170201 - 170400		240	✓	
172336 - 172535	20,000 PA	180		✓
172916 - 173115		180	✓	
173556 - 173755		240		✓
174151 - 174350		240	✓	

124500m
30,100

AUTHORITY: 10 USC 8012 and EO 9397. To aid in accurate identification of personnel participating in the filed flight.		PRIVACY ACT STATEMENT ROUTINE USES: To provide data required to process flight plans with appropriate air traffic service authorities. A file is retained by the agency processing the flight plan, voluntary, however, failure to provide the SSN could result in denial of flight plan processing.		DATE 28 AUG 01		AIRCRAFT CALL SIGN N3A43		AIRCRAFT DESG AND TD CODE P3/A	
BASE OPERATIONS USE									
TYPE FLT PLAN	TRUE AIRSPEED	POINT OF DEPARTURE	PROPOSED DEPARTURE TIME (Z)	ALTITUDE	ROUTE OF FLIGHT		TO	ETE	
I	240	KMCF	1300	150 1400	PLUMY VISZ OMN OMN 10626				
I	240	OMN 10626	1845	180	(R) D 5+00 WIS8A VFR OPERATIONAL			0+45	
					OMN VISZ PLUMY		MCF	0+45	
	Taxi	(329)			C AF (9K)				
	TOFF	1341	FT	5.4					
	LAND	1831							
	CH01K/844								
REMARKS									
① DELAY IN WIS8A FOR WEATHER CALIBRATION FT									
4454									
RANK AND HONOR CODE									
FUEL ON BD 9+00	ALTN AIRFIELD TFA	ETE TO ALTN 0115	NOTAMS ✓	WEATHER ✓	WT AND BALANCE ONFLS	AIRCRAFT SERIAL NUMBER, UNIT, AND HOME STATION N3A43 AUG KMCF			
SIGNATURE OF APPROVAL AUTHORITY <i>[Signature]</i>					ACTUAL DEPT TIME (Z)	BASE OPERATIONS USE			
DUTY	NAME AND INITIALS				RANK	SSN	ORGANIZATION AND LOCATION		
PILOT IN COMMAND	P KENDU				OS	128444800	N3A43 KMCF		