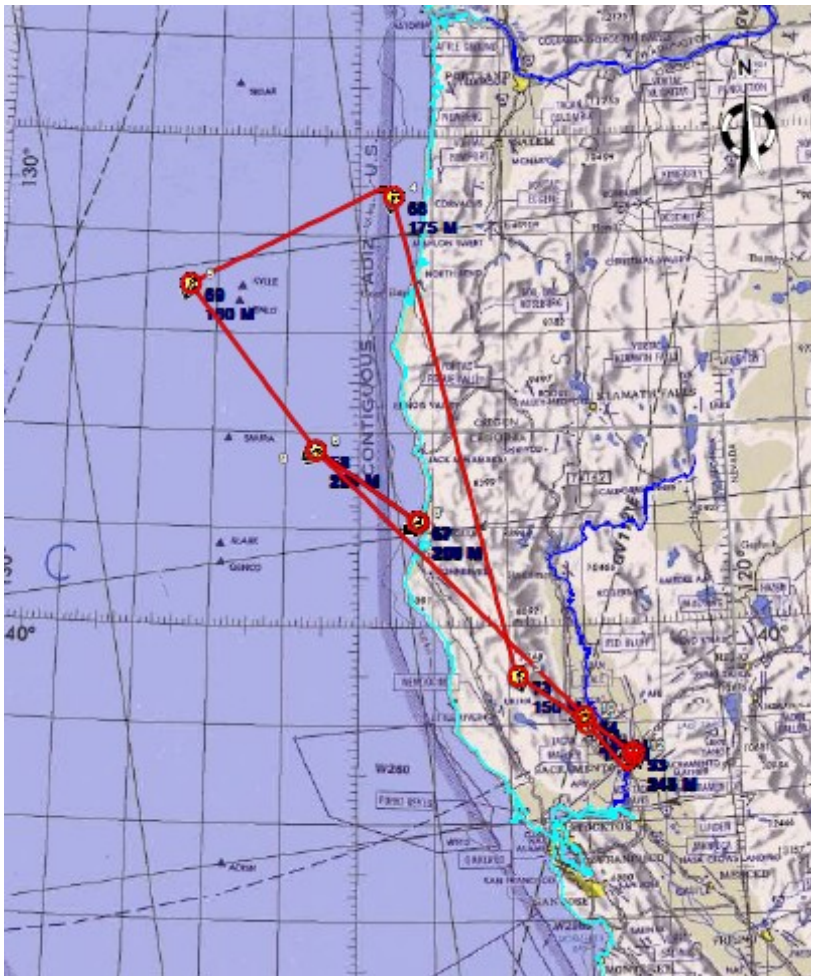
DC 8 Test Flight 2

June 30, 2007

Objectives

1. Instrument Checkout
2. Underfly TES nadir track
3. Sample cirrus
4. Stratospheric air at north end
5. Profile over Trinidad Head / coordinate with ozone sonde
6. Sample marine boundary layer
7. Train new dropsonde operators



MISSION ID	DATE OF TAKEOFF	ORGANIZATION	SECTION	ACFT TYPE	SERIAL NUMBER
		NASA/UND	NSERC	DC-8	NA436

PILOT	COPILOT	NAVIGATOR	FLIGHT ENGINEER	MISSION DIRECTOR	LEAD SCIENTIST

Takeoff Time (Z) : 19:30:00 Fuel Load : 65000 Fuel On Board : N/C

Land Time (Z) : Fuel Used : 15704 Acft Gross Wt : 245000

Sched Duration : 03+29+46 Remarks:

WP#	FIX	TAC	LATITUDE	TC	W/V	TH	TEMP	CAS	TAS	GS	DIST	TIME	ETA	GROSS
	REMARKS	VOR	LONGITUDE	MC	DC	MH	ALT	MACH			ACDIST	ACTIME	ATA	WIEGHT
1	KMCC/A		N 38 40.06	180		180	+15C				5	+10.0	19:30.0	
	MC CLELLAN AF		W121 24.04	165	0	165	75M				5	**+10.0**		243500
2	MXW/R134022	037X	N 38 59.60	321		319	-7C	N/A	N/A	N/A	43	+07.3	19:47.3	
	MXW13	**110.00**	W122 00.04	306	-2	304	11070M	N/A			48	**+17.3**		241545
3	MXW/R271033	037X	N 39 29.69	306		305	-33C	N/A	N/A	N/A	51	+08.8	19:56.2	
	MXW27	**110.00**	W122 53.60	291	0	290	24304M	N/A			100	**+26.2**		239192
	.level off		N 39 55.28	346		343	-46C	N/A	N/A	N/A	27	+04.5	20:00.6	
			W123 02.70	331	-3	328	31000M	N/A			126	**+30.6**		238002
4			N 44 23.61	346		346	-46C	263	420	420	276	+39.5	20:40.1	
	PT4		W124 32.65	330	0	330	31000M	.72			403	**01+10.1**		237344
	.level off		N 44 13.39	243		246	-57C	N/A	N/A	N/A	43	+05.3	20:45.4	
			W125 25.59	226	3	229	39000M	N/A			446	**01+15.4**		235922
5			N 43 28.93	243		243	-57C	225	420	420	96	+13.8	20:59.2	
	PT5		W127 23.82	226	0	226	39000M	.73			543	**01+29.2**		235692
6	FOT/R299092	087X	N 41 48.20	142		142	-57C	225	420	420	128	+18.3	21:17.5	
	1FO29	**114.00**	W125 36.38	125	0	125	39000M	.73			671	**01+47.5**		235387
7	FOT/R345024	087X	N 41 04.23	125		125	-57C	225	420	420	77	+11.0	21:28.6	
	FOT34	**114.00**	W124 11.86	109	0	109	39000M	.73			748	**01+58.6**		235203
8			N 41 04.85	305		305	+13C	227	230	230	14	+03.6	21:32.1	
	PT8		W124 13.03	289	0	289	1000M	.35			762	**02+02.1**		235143
9	FOT/R299092	087X	N 41 48.20	305		305	+13C	415	420	420	76	+35.9	22:08.0	
	1FO29	**114.00**	W125 36.38	289	0	289	1000M	.64			838	**02+38.0**		234545
	.level off		N 41 02.32	135		136	-19C	N/A	N/A	N/A	66	+10.7	22:18.7	
			W124 33.59	119	1	120	17000M	N/A			904	**02+48.7**		231701
	.descent pt		N 39 08.27	135		135	-19C	331	420	420	160	+22.9	22:41.6	
			W122 06.57	120	0	120	17000M	.68			1064	**03+11.6**		231319
10	ILA/R	091X	N 39 04.27	136		138	-16C	N/A	N/A	N/A	6	+01.1	22:42.6	
	WILLIAMS	**114.40**	W122 01.63	121	2	123	15430M	N/A			1070	**03+12.6**		231188
11	MCC/E	029X	N 38 40.04	130		131	+9C	N/A	N/A	N/A	38	+07.1	22:49.8	
	MC CLELLAN	**109.20**	W121 24.25	115	1	116	3000M	N/A			1108	**03+19.8**		230296
12	KMCC/A		N 38 40.06	085		085	+15C				0	+10.0	22:59.8	
	MC CLELLAN AF		W121 24.04	070	0	070	75M				1108	**03+29.8**		229296