

N508TM Distance vs. Altitude											01/21/14					
Distance	Altitude	-----Climb-----			-----Cruise-----			-----Descent-----			-----Total-----		NM/Gal	Average Speed		
		Time	Distance	Fuel	Time	Distance	Fuel	Time	Distance	Fuel	Time	Fuel				
75	8,000	8	19	4.3	8	23	3.3	11	33	5.0	27	13	6.0	166		
75	10,000	10	23	5.2	3	9	1.2	14	43	6.2	27	13	6.0	165		
100	8,000	8	19	4.3	16	48	6.7	11	33	5.0	35	16	6.3	169		
100	10,000	10	23	5.2	11	34	4.7	14	43	6.2	36	16	6.2	169		
100	12,000	12	28	6.2	6	21	2.7	17	51	7.1	36	16	6.2	168		
150	10,000	10	23	5.3	28	84	11.6	14	43	6.2	52	23	6.5	172		
150	12,000	12	28	6.2	22	71	9.3	17	51	7.1	51	23	6.6	175		
150	14,000	14	33	7.0	18	56	7.3	20	62	7.7	52	22	6.8	174		
150	16,000	16	37	8.3	12	38	4.7	23	74	8.8	51	22	6.9	178		
150	18,000	18	42	9.0	7	22	2.7	26	86	9.9	50	22	7.0	179		
200	12,000	12	28	6.2	38	121	15.2	17	51	6.6	67	28	7.1	179		
200	15,000	15	35	7.5	29	94	11.5	21	71	8.2	65	27	7.3	184		
200	18,000	18	42	8.7	21	70	8.4	26	88	9.4	65	27	7.5	185		
200	21,000	21	49	9.8	13	46	4.7	30	105	10.5	64	25	8.0	186		
300	18,000	18	42	8.7	51	170	20.4	26	88	9.4	95	39	7.8	190		
300	21,000	21	49	9.8	43	146	15.0	30	105	10.5	94	35	8.5	192		
400	18,000	18	42	8.7	81	270	32.4	26	88	9.4	125	51	7.9	192		
400	21,000	21	49	9.8	72	246	25.2	30	105	10.5	123	46	8.8	195		

DESCENT RATES vs. POWER			01/21/14
CONFIGURATION	Power - Lbs	VS - FPM	
Clean @ 100 KIAS	20	-300	
	10	-1200	
	Flt Idle	-2100	
Dirty @ 100 KIAS	30	-600	
	20	-900	
	10	-1400	
	Flt Idle	-3500	