

"Sawtooth Profile" Climb - Descent Data Sheet

Ground Temp: _____

Aircraft Weight: _____

Description of WX conditions: _____

Altimeter Setting: _____

Test Order	Airspeed (mph)	Start Pressure Alt (ft)	End Pressure Alt (ft)	OAT (deg F)	Time (sec)
1	55	2000	2500		
2	55	2500	2000		
3	60	2000	2500		
4	60	2500	2000		
5	65	2000	2500		
6	65	2500	2000		
7	70	2000	2500		
8	70	2500	2000		
9	75	2000	2500		
10	75	2500	2000		
11	80	2000	2500		
12	80	2500	2000		
13	85	2000	2500		
14	85	2500	2000		
15	90	2000	2500		
16	90	2500	2000		

Test Order	Airspeed (mph)	Start Pressure Alt (ft)	End Pressure Alt (ft)	OAT (deg F)	Time (sec)
17	95	2000	2500		
18	95	2500	2000		
19	100	2000	2500		
20	100	2500	2000		
21	105	2000	2500		
22	105	2500	2000		
23	110	2000	2500		
24	110	2500	2000		
25	115	2000	2500		
26	115	2500	2000		
27	120	2000	2500		
28	120	2500	2000		
29	125	2000	2500		
30	125	2500	2000		
31	130	2000	2500		
32	130	2500	2000		

Notes: Climb at full power, descend at idle power

Stabilize airspeed at least 100 ft or 5 sec before recording data

Hold airspeed +/- 3 mph

All Altitudes in Pressure ALT (Set ALT to 29.92)