

**International**

PIAGGIO
Avanti
P180

Climb Performance

CLIMB AT 1,500 FPM

Pitch Angle	KIAS	Mach	GND Speed	Altitude	Throttle %
3.7	242	.42	265	8,000	60
3.7	246	.42	268	10,000	60
4.6	219	.41	269	12,000	50
5.3	205	.40	270	14,000	50
4.4	218	.44	272	16,000	60
4.7	212	.45	274	18,000	52
4.8	207	.46	280	20,000	52
4.7	207	.48	289	22,000	52
4.3	212	.51	304	24,000	52
4.4	210	.52	311	26,000	52
4.5	206	.54	316	28,000	52
4.6	202	.55	321	30,000	52
4.8	198	.56	326	32,000	52
5.0	193	.58	329	34,000	52
*Δ 1,000 FPM AOA 6.8	173	.54	301	36,000	75

CLIMB AT 2,500 FPM

Pitch Angle	KIAS	Mach	GND Speed	Altitude	Throttle %
4.7	270	.48	302	9,000	75
4.8	265	.48	301	10,000	75
5.5	249	.47	297	12,000	65
8.1	196	.41	250	14,000	55
7.9	195	.42	252	18,000	65
7.4	199	.44	269	20,000	65
6.9	204	.47	285	22,000	65
6.8	204	.49	294	24,000	65
6.9	201	.50	297	26,000	65
7.0	196	.51	302	28,000	70
*Δ 2,000 FPM AOA 7.2	187	.47	289	30,000	75

CLIMB AT 3,000 FPM

Pitch Angle	KIAS	Mach	GND Speed	Altitude	Throttle %
7.4	236	.43	268	10,000	75
7.6	229	.43	269	12,000	75
7.6	224	.44	274	14,000	75
7.6	222	.45	278	16,000	75
7.6	217	.46	283	18,000	75
7.7	214	.47	284	20,000	75
7.9	207	.48	289	22,000	75
*Δ 2,500 FPM AOA 7.2	189	.41	261	24,000	85

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DESCENT AT -1,500 FPM

With prop pitch set to 15%

Pitch Angle	KIAS	Mach	GND Speed	Altitude	Throttle %
-2.0	262	.70	402	30,000	5
-1.8	246	.62	363	27,000	5
-1.6	232	.55	326	24,000	5
-1.5	224	.51	307	22,000	5
-1.6	223	.49	296	20,000	5
-1.8	229	.48	296	18,000	20
-2.0	234	.47	291	16,000	20
*Δ -1,000 FPM AOA -1.1	228	.41	254	10,000	15
-0.6	207	.35	225	8,000	10
-1.7	161	.26	175	6,500	10
*Δ -700 FPM AOA -1.4 Flaps 1	155	.25	161	5,000	45
-2.3	132	.21	135	2,000	25
*Flaps 2 *Gear Ext. -1.0	112	.17	114	1,200	40

DESCENT AT -2,500 FPM

With prop pitch set to 15%

Pitch Angle	KIAS	Mach	GND Speed	Altitude	Throttle %
-3.0	262	.71	401	32,000	5
-3.4	258	.66	364	28,000	5
-3.5	258	.64	352	26,000	5
-3.7	260	.61	343	24,000	5
-3.8	263	.59	334	22,000	5
*Δ -2,000 FPM AOA -3.1	260	.57	322	20,000	5
-3.1	252	.52	300	18,000	5
-3.2	250	.51	291	16,000	5
-3.3	250	.49	282	14,000	5
-3.4	251	.47	275	12,000	5
*Δ -1,500 FPM				10,000	