

Performances variation VS installed power variation

Take off duration comparison [s]				
80Hp	100Hp	115Hp	130Hp	150Hp
8.8	7	6.1	5.4	4.7
10.0	8	7.0	6.2	5.3
11.3	9	7.8	6.9	6.0
12.5	10	8.7	7.7	6.7
13.8	11	9.6	8.5	7.3
15.0	12	10.4	9.2	8.0
16.3	13	11.3	10.0	8.7
17.5	14	12.2	10.8	9.3
18.8	15	13.0	11.5	10.0
20.0	16	13.9	12.3	10.7
21.3	17	14.8	13.1	11.3
22.5	18	15.7	13.8	12.0
23.8	19	16.5	14.6	12.7
25.0	20	17.4	15.4	13.3

Take off run comparison [m]				
80Hp	100Hp	115Hp	130Hp	150Hp
97	78	68	60	52
111	89	77	68	59
125	100	87	77	67
139	111	97	85	74
153	122	106	94	81
167	133	116	103	89
181	144	126	111	96
194	156	135	120	104
208	167	145	128	111
222	178	155	137	119
236	189	164	145	126
250	200	174	154	133
264	211	184	162	141
278	222	193	171	148

(Ground separation at 80Km/h)

Climb rate comparison [m/s]				
80Hp	100Hp	115Hp	130Hp	150Hp
2.4	3	3.5	3.9	4.5
2.8	3.5	4.0	4.6	5.3
3.2	4	4.6	5.2	6.0
3.6	4.5	5.2	5.9	6.8
4.0	5	5.8	6.5	7.5
4.4	5.5	6.3	7.2	8.3
4.8	6	6.9	7.8	9.0
5.2	6.5	7.5	8.5	9.8
5.6	7	8.1	9.1	10.5
6.0	7.5	8.6	9.8	11.3
6.4	8	9.2	10.4	12.0
6.8	8.5	9.8	11.1	12.8
7.2	9	10.4	11.7	13.5
7.6	9.5	10.9	12.4	14.3

Max speed comparison [km/h]				
80Hp	100Hp	115Hp	130Hp	150Hp
139	150	157	164	172
149	160	168	175	183
158	170	178	186	195
167	180	189	196	206
176	190	199	207	217
186	200	210	218	229
195	210	220	229	240
204	220	230	240	252
214	230	241	251	263
223	240	251	262	275
232	250	262	273	286
241	260	272	284	298
251	270	283	295	309
260	280	293	306	321

