



PA28R-201 (ARROW III)
HB-PIG

01.01.2012

SPEED SUMMARY at max. T/O mass: **2750 lbs / 1247 kg**
(in brackets: mass: ca. 2000 lbs / 910 kg)

V_{best glide}	best glide flaps 0°, gear up	79 KT
V _s	stall speed flaps 0°, gear up	60
V _{s0}	stall speed flaps 40° (3), gear down	55
V _r flaps 25°	rotate flaps 25° (2)	(50) - 60
V _r flaps 0°	rotate flaps 0° (up)	min (60) - 71
V _{barrier} flaps 25° gd+gu	barrier speed flaps 25° (2) gear down+up	(55) - 65
V _{barrier} flaps 0° gd	best angle flaps 0° (up), gear down	min (60) - 71
V _x flaps 0°	best angle flaps 0° (up), gear up	78
V _y flaps 0°	best rate flaps 0° (up), gear up	90
V _y flaps 0°	best rate flaps 0° (up), gear down	78
V _{cruise clb}	cruise climb flaps 0° (up)	104
V _a	maneuvering speed: empty: max. TOW:	96 118
V _{le/lo}	max. gear extension / operation speed	129
V _{lo}	max. gear retraction speed	107
V _{fe}	max. flaps extension speed	104
V _{app} flaps 0°	final app speed flaps 0° (up)	80
V _{app} flaps 40°	final app speed flaps 40° (3)	75

Max. crosswind-component: 17 kt