



**PA18-150 SUPER CUB
HB-PLQ**

01.01.2012

SPEED SUMMARY at max. T/O mass: **794 kg**

V_{best glide}	best glide flaps 0°	70 MPH
V _s	stall speed flaps 0° (up)	47
V _{s flaps 1}	stall speed flaps 25° (1)	45
V _{s flaps 2}	stall speed flaps 50° (2)	43
V _{r flaps 1}	rotate flaps 25° (1)	40
V _{r flaps 0°}	rotate flaps 0° (up)	45
V _{x flaps 50°}	best angle flaps 50° (2)	55
V _{y flaps 0°}	best rate flaps 0° (up)	75
V _{cruise clb}	cruise climb flaps 0° (up)	75
V _a	maneuvering speed	89
V _{fe}	max. flaps extension speed	85
V _{app flaps 0°}	final app speed flaps 0° (up)	60
V _{app flaps 50°}	final app speed flaps 50° (2)	55