

Piper Seneca II

PA-34-200T

VORTEX GENERATOR KIT

Performance Specifications

	Factory Performance	BLR VG Performance	The BLR VG Difference
Max. Ramp Wt.	4570	4570	No Change
Gross Takeoff Wt.	4570	4570	No Change
Zero Fuel Wt.	4000	4168	+168
Max. Landing Wt.	4342	4342	No Change
SE Min. - V_{mc}	66	61	-5
Stall clean - V_s	63	61	-2
Stall dirty - V_{so}	61	60	-1
Liftoff - V_{lof}	71	66	-5
Approach - V_{ref}	79	78	-1

Speeds shown in knots

Weights shown in pounds

Notes:

1. Stall speeds are certified at gross weight, forward CG and zero thrust.
2. V_{mc} is certified at light weight, aft CG and critical engine windmilling.
3. V_{lof} = V_{mc} + 5 Knots; V_{ref} = 1.3 x V_{so}.
4. Improved airflow over stub wings allows for better landings with less power.
5. Kit includes comprehensive installation manual, AFMS, 50 vortex generators, split flap extensions, templates, adhesive, and all necessary paperwork.
6. Kit installation time is approximately eight man-hours.
7. Funds quoted in US dollars, plus shipping and handling.

FAA- & CAA-Approved
STC#SA00109SE