

# Piper Seneca III/IV PA-34-220T VORTEX GENERATOR KIT Performance Specifications

	Factory Performance	BLR VG Performance	The BLR VG Difference
<b>Max. Ramp Wt.</b>	4773	4773	No Change
<b>Gross Takeoff Wt.</b>	4750	4750	No Change
<b>Zero Fuel Wt.</b>	4470	4470	No Change
<b>Max. Landing Wt.</b>	4513	4513	No Change
<b>Min. SE - Vmc</b>	66	63	-3
<b>Stall clean - Vs</b>	67	66	-1
<b>Stall dirty - Vso</b>	64	61	-3
<b>Liftoff - Vlof</b>	71	68	-3
<b>Approach - Vref</b>	83	79	-4

Speeds shown in knots

Weights shown in pounds

**Notes:**

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

**FAA- & CAA-Approved  
STC#SA00109SE**