

# Cessna 310R

## VORTEX GENERATOR KIT

Performance Specifications

	Factory Performance	BLR VG Performance	The BLR VG Difference
<b>Max. Ramp Wt.</b>	5535	5700	+165
<b>Gross Takeoff Wt.</b>	5500	5650	+150
<b>Zero Fuel Wt.</b>	4900	5260	+360
<b>Max. Landing Wt.</b>	5400	5400	No Change
<b>SE Min. - V<sub>mc</sub></b>	80	70	-10
<b>Stall clean - V<sub>s</sub></b>	79	74	-5
<b>Stall dirty - V<sub>so</sub></b>	72	68	-4
<b>Liftoff - V<sub>lof</sub></b>	85	75	-10
<b>Approach - V<sub>ref</sub></b>	94	86	-8

Speeds shown in knots

Weights shown in pounds

**Notes:**

1. Stall speeds are certified at new gross weight, forward CG and zero thrust.
2. V<sub>mc</sub> is certified at light weight, aft CG and critical engine windmilling.
3. Compatible with Ram, Robertson STOL and Colemill Bearcat.
4. V<sub>lof</sub> = V<sub>mc</sub> + 5 Knots; V<sub>ref</sub> = 1.3 x V<sub>so</sub> @ 5400 lbs.
5. Zero Fuel Weight increase applies to serial numbers 500 and above.
6. Kit installation time is approximately eight man-hours
7. Kit includes comprehensive installation manual, AFMS, 76 vortex generators, 2 nacelle strakes.
8. All funds quoted in US dollars, plus shipping and handling.

**FAA- & CAA-Approved**  
**STC#SA5163NM**