

# Cessna 414

## VORTEX GENERATOR KIT

Performance Specifications

	Factory Performance	BLR VG Performance	The BLR VG Difference
<b>Max. Ramp Wt.</b>	6350	6390	+40
<b>Gross Takeoff Wt.</b>	6350	6350	No Change
<b>Max. Landing Wt.</b>	6200	6200	No Change
<b>Min. SE - Vmc</b>	82	77	-5
<b>Stall clean - Vs</b>	86	77	-9
<b>Stall dirty - Vso</b>	74	68	-6
<b>Liftoff - Vlof</b>	87	82	-5
<b>Approach - Vref</b>	96	88	-8

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. Compatible with Ram and/or Robertson STOL kits.
4. Vlof = Vmc + 5 Knots; Vref = 1.3xVso.
5. Kit installation time is approximately eight man-hours.
6. Kit includes comprehensive installation manual, 96 vortex generators, templates, adhesive and all necessary paperwork.
7. Funds quoted in US dollars, plus shipping and handling.

**FAA- & CAA-Approved**  
**STC#SA5900NM**