

Cessna 414A

VORTEX GENERATOR KIT

Performance Specifications

	Factory Performance	BLR VG Performance	The BLR VG Difference
Max. Ramp Wt.	6785	7140	+355
Gross Takeoff Wt.	6750	7105	+355
Zero Fuel Wt.	6515	Eliminated	Eliminated
Max. Landing Wt.	6750	6750	No Change
Min. SE - Vmc	79	68	-11
Stall clean - Vs	82	78	-4
Stall dirty - Vso	71	70	-1
Liftoff - Vlof	84	73	-11
Approach - Vref	92	87	-5

Speeds shown in knots

Weights shown in pounds

Notes:

1. Stall speeds are certified at new gross weight, forward CG and zero thrust.
2. Vmc is certified at light weight, aft CG and critical engine windmilling.
3. Ram Series IV receives 205 lbs. GWI above the RAM weight.
4. Vlof = Vmc + 5 Knots; Vref = 1.3 x Vso @ 6750 lbs.
5. Kit installation time is approximately eight man-hours, plus airspeed dial faces.
6. Kit includes comprehensive installation manual, 118 vortex generators, 4 nacelle strakes, templates, adhesive, and all necessary paperwork.
7. Funds quoted in US dollars, plus shipping and handling.

**FAA- & CAA-Approved
STC#SA5672NM**