

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
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