

Cessna 340A

VORTEX GENERATOR KIT Performance Specifications

	Factory Performance	BLR VG Performance	The BLR VG Difference
Max. Ramp Wt.	6025	6340	+315
Gross Takeoff Wt.	5990	6305	+315
Zero Fuel Wt.	5630	5860	+230
Max. Landing Wt.	5990	5990	No Change
Min. SE - V _{mc}	82	71	-11
Stall clean - V _s	83	74	-9
Stall dirty - V _{so}	71	62	-9
Lift-off - V _{lof}	87	76	-11
Approach - V _{ref}	94	80	-14

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_{mc} is certified at light weight, aft CG and critical engine windmilling.
3. MTOW varies by serial number. Compatible with Ram and/or Robertson STOL.
4. V_{lof} = V_{mc} + 5 Knots; V_{ref} = 1.3 x V_{so} @ 5990 lbs.
5. Factory Max. Ramp Wt. S/N 1-0400 is 5990 lbs., S/N 0401 and above is 6025 lbs.
6. Kit installation time is approximately eight man-hours.
7. Kit includes comprehensive installation manual, AFMS, 96 vortex generators, 2 nacelle strakes, templates, adhesive, and all necessary paperwork.
8. Funds quoted in US dollars, plus shipping and handling.

FAA- & CAA-Approved
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