

CESSNA 421C
GOLDEN EAGLE
VORTEX GENERATOR KIT
PERFORMANCE SPECIFICATIONS

	Factory Performance	BLR VG Performance	The BLR VG Difference
Max. Ramp Wt.	7500	7630	+130
Gross Takeoff Wt.	7450	7579	+129
Zero Fuel Wt.	7000/6733	7000/6733	--
Min. SE – V_{mc}	80	73	-7
Stall clean – V_s	86	78	-8
Stall dirty – V_{so}	77	70	-7
Liftoff – V_{lof}	85	78	-7
Approach – V_{ref}	100	88	-12

Speeds shown in knots

Weights shown in pounds

Notes:

1. Stall speeds are certified at new gross weight, forward CG and power off.
2. V_{mc} is certified at light weight, aft CG and critical engine windmilling.
3. V_{lof} = V_{mc} + 5 Knots; V_{ref} = 1.3 x V_{so} @ 7200 lbs.
4. Zero Fuel Weight S/N 0001-1400 is 6733 lbs.; S/N 1401 and on is 7000 lbs.
5. Kit installation time is approximately eight man-hours by A&P, plus ASI re-marking.
6. Kit includes comprehensive installation manual, AFMS, 104 vortex generators, templates, adhesive, and all necessary paperwork including serialized STC.
7. Funds quoted in US dollars, plus shipping and handling.

FAA- & CAA-Approved
STC#SA00015SE