

CESSNA 421B
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 |
| Min. SE – Vmc | 100/87 | 89/77 | -11/-10 |
| Stall clean – Vs | 95/82 | 89/77 | -6/-5 |
| Stall dirty – Vso | 85/74 | 81/70 | -4/-4 |
| Liftoff – Vlof | 105/92 | 94/83 | -11/11 |
| Approach – Vref | 111/96 | 105/89 | -6/-7 |
| Landing over 50' | 2150' | 1800' | -350' |

Speeds shown in mph/knots

Weights shown in pounds

Notes:

1. *Gross weight increase currently approved only for S/N 201 and on.
2. Stall speeds are certified at new gross weight, forward CG and power off.
3. Vmc is certified at light weight, aft CG and critical engine windmilling.
4. Vlof = Vmc + 5 Mph/Knots; Vref = 1.3 x Vso @ 7200 lbs.
5. Kit installation time is approximately eight man-hours by A&P, plus ASI re-marking.
6. Kit includes comprehensive installation manual, AFMS, 100 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#SA00074SE