

# Cessna 320D

## VORTEX GENERATOR KIT

Performance Specifications

	Factory Performance	BLR VG Performance	The BLR VG Difference
<b>Max. Ramp Wt.</b>	5235	5520	+285
<b>Gross Takeoff Wt.</b>	5200	5474	+274
<b>Max. Landing Wt.</b>	5200	5200	No Change
<b>Min. SE - Vmc</b>	90	85	-5
<b>Stall clean - Vs</b>	86	80	-6
<b>Stall dirty - Vso</b>	76	73	-3
<b>Liftoff - Vlof</b>	95	90	-5
<b>Approach - Vref</b>	99	92	-7

Speeds shown in mph

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. Vlof = Vmc + 5 Mph; Vref = 1.3 x Vso @ 5200 lbs.
4. 274 lb. GWI requires installation of 3-bladed props, otherwise GWI is 104 lbs.
5. Kit installation time is approximately 8 man-hours, plus airspeed dial faces.
6. Kit includes comprehensive installation manual, AFMS, 90 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#SA5757NM**