

**PANTHER II**  
**PA-31-350/T1020**  
**VORTEX GENERATOR KIT**  
**&**  
**LANDING GEAR KIT**  
Performance Specifications

	Factory Performance	BLR VG Performance	The BLR VG Difference
<b>Max. Ramp Wt.</b>	7045	7245	+200
<b>Gross Takeoff Wt.</b>	7000	7200	+200
<b>Max. Landing Wt.</b>	7000	7200	+200
<b>Min. SE – Vmc</b>	76	76	--
<b>Stall clean - Vs</b>	77	73	-4
<b>Stall dirty - Vso</b>	74	68	-6

Speeds shown in knots

Weights shown in pounds.

Note:

1. Aircraft must have STC#SA1151SO installed (Colemill Panther Conversion).
2. Kits can be purchased separately. Landing weight increase requires both kits. Gear Kit includes rib reinforcements for WS 39.5.
3. Stall speeds are certified at new gross weight, forward CG and zero thrust.
4. Vmc is certified at light weight, aft CG and critical engine windmilling.
5. Vlof = Vmc + 5 Knots.
6. Vortex Generator Kit installation time is approximately 8 man-hours. Landing Gear Kit installation time is approximately 7 man-hours per main gear leg.
7. Funds quoted in US dollars, plus shipping and handling.

FAA & CAA Approved  
STC#SA00039SE - VG Kit -  
STC#SA00202SE - Gear Kit -