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Panther I

PA-31-310

VORTEX GENERATOR KIT

Performance Specifications

	Colemill Performance	BLR VG Performance	The BLR VG Difference
Max. Ramp Wt.	6540	6740	+200
Gross Takeoff Wt.	6500	6700	+200
Zero Fuel Wt.	6000	6200	+200
Max. Landing Wt.	6500	6500	No Change
Min. SE - V_{mc}	83	76	-7
Stall clean - V_s	76	77	+1
Stall dirty - V_{so}	70	71	+1
CG - Aft of Datum	136"	138"	+2"

Speeds shown in knots

Weights shown in pounds

Notes:

1. Aircraft must have STC#SA970SO installed.
2. Stall speeds are certified at new gross weight, forward CG and zero thrust.
3. V_{mc} is certified at light weight, aft CG and critical engine windmilling.
4. Kit installation time is approximately 8 man-hours, plus airspeed dial faces.
5. Kit includes comprehensive installation manual, AFMS, templates, adhesive, hardware, 86 vortex generators, 4 nacelle strakes, dial faces, paint and all necessary paperwork.
6. Funds quoted in US dollars, plus shipping and handling.

FAA- & CAA-Approved
STC#SA00037SE



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Panther I

PA-31-325 C/R

VORTEX GENERATOR KIT

Performance Specifications

	Colemill Performance	BLR VG Performance	The BLR VG Difference
Max. Ramp Wt.	6540	6740	+200
Gross Takeoff Wt.	6500	6700	+200
Zero Fuel Wt.	6000	6200	+200
Max. Landing Wt.	6500	6500	No Change
Min. SE - Vmc	78	71	-7
Stall clean - Vs	76	77	+1
Stall dirty - Vso	70	71	+1
CG - Aft of Datum	136"	138"	+2"

Speeds shown in knots

Weights shown in pounds

Notes:

1. Aircraft must have STC#SA970SO installed.
2. Stall speeds are certified at new gross weight, forward CG and zero thrust.
3. Vmc is certified at light weight, aft CG and critical engine windmilling.
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