



BLR Aerospace, LLC
3102 100th Street SW
Everett, WA 98204
(US & Canada) 800.257.4847
(International) 425.353.6591
(FAX) 425.355.3046
www.BLRaerospace.com

PIPER P-NAVAJO
PA-31P (425)
VORTEX GENERATOR KIT
Performance Specifications

	Factory Performance	BLR VG Performance	The BLR VG Difference
Ramp Wt.	7800	7800	--
Gross Takeoff Wt.	7800	7800	--
Min. SE - V_{mc}	83	77	-6
Stall clean - V_s	81	77	-4
Stall dirty - V_{so}	72	67	-5
Liftoff - V_{lof}	83	83	--
Approach - V_{ref}	97	87	-10

Speeds shown in knots

Weights shown in pounds

Note:

1. Speeds are extrapolated from company test data.
2. VG Kit installation time is approximately 8 man-hours. No dial face change required.
3. Kit includes comprehensive installation manual, templates, adhesive, hardware, 88 Vortex Generators, 4 nacelle strakes and all necessary paperwork.
4. Funds quoted in US dollars, plus shipping and handling.

FAA & CAA Approved
STC#SA00764SE



BLR Aerospace, LLC
3102 100th Street SW
Everett, WA 98204
(US & Canada) 800.257.4847
(International) 425.353.6591
(FAX) 425.355.3046
www.BLRaerospace.com

PIPER MOJAVE
PA-31P-350
VORTEX GENERATOR KIT
Performance Specifications

	Factory Performance	BLR VG Performance	The BLR VG Difference
Ramp Wt.	7245	7245	--
Gross Takeoff Wt.	7200	7200	--
Min. SE - Vmc	70	70	--
Stall clean - Vs	77	73	-4
Stall dirty - Vso	73	69	-4
Liftoff - Vlof	90	80	-10
Approach - Vref	99	90	-9

Speeds shown in knots

Weights shown in pounds

Note:

1. Speeds are extrapolated from company test data.
2. VG Kit installation time is approximately 8 man-hours. No dial face change required.
3. Kit includes comprehensive installation manual, templates, adhesive, hardware, 88 Vortex Generators, 4 nacelle strakes and all necessary paperwork.
4. Funds quoted in US dollars, plus shipping and handling.

FAA & CAA Approved
STC#SA00764SE