

Piper Navajo

PA-31-310

VORTEX GENERATOR KIT

Performance Specifications

	Factory Performance	BLR VG Performance	The BLR VG Difference
Max. Ramp Wt.	6540	6880	+340
Gross Takeoff Wt.	6500	6840	+340
Zero Fuel Wt.	6200	6200	No Change
Max. Landing Wt.	6200/6500	6200/6500	No Change
Min. SE -Vmc	76	76	No Change
Stall clean - Vs	76	77	+1
Stall dirty - Vso	70	71	+1
Liftoff - Vlof	81	81	No Change
Approach - Vref	91	92	+1

Speeds shown in knots

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 Knots; Vref = 1.3 x Vso.
4. Landing Weight for serial nos. 31-2 to 31-711 is 6200 lbs.; 31-712 and on is 6500 lbs.
5. Kit installation time is approximately eight man-hours, plus airspeed dial faces.
6. Kit includes comprehensive installation manual, AFMS, 86 vortex generators, 4 nacelle strakes, templates, adhesive, hardware, dial faces, paint and all necessary paperwork.
7. Funds quoted in US dollars, plus shipping and handling.

FAA- & CAA-Approved
STC#SA00047SE

PIPER NAVAJO
PA-31-310
WITH BAGGAGE LOCKERS
VORTEX GENERATOR KIT
Performance Specifications

	Factory Performance	BLR VG Performance	The BLR VG Difference
Max. Ramp Wt.	6540	6770	+230
Gross Takeoff Wt.	6500	6730	+230
Zero Fuel Wt.	6200	6200	No Change
Max. Landing Wt.	6200/6500	6200/6500	No Change
Min. SE - Vmc	76	76	No Change
Stall clean - Vs	76	77	+1
Stall dirty - Vso	70	71	+1
Liftoff - Vlof	81	81	No Change
Approach - Vref	91	92	+1

Speeds shown in Knots

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 Knots; Vref = 1.3 x Vso @ landing weight.
4. Landing weight for serial nos. 31-2 to 31-711 is 6200 lbs.; 31-712 and on is 6500 lbs.
5. Kit installation time is approximately eight man-hours, plus airspeed dial faces.
6. Kit includes comprehensive installation manual, AFMS, 86 vortex generators, 4 nacelle strakes, templates, adhesive, dial faces, paint and all necessary paperwork.
7. Funds quoted in US dollars, plus shipping and handling.

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