

King Air 90 series

MICRO Vortex Generator Kit



	Factory	MICRO	Improvement With MICRO VGs
V_{mca}	88 KIAS	83 KIAS	5 kts
V_s	88 KIAS	79 KIAS	9 kts
V_{so}	76 KIAS	72 KIAS	4 kts
V_{ref}	99 KIAS	94 KIAS	5 kts

Test results from FAA certification flights in E90 corrected for weight to 10,100 lbs.

The **MICRO Vortex Generators** for the Hawker Beechcraft King Air 90 series are FAA STC approved and ready for installation on your airplane. This jet age technology provides reduced V_{mc} , a dramatic improvement in slow speed stability, reduced stall speeds, reduced accelerate/stop distance, and improved safety.

The **Micro VG Kit** consists of 92 vortex generators mounted on the wings, just aft of the boot line, 48 vortex generators mounted on both sides of the rudder, 71 vortex generators mounted on the underside of the horizontal stabilizer plus strakes on the outside of each engine nacelle. Included are installation tools, detailed drawings and illustrated instructions, templates for positioning VGs, spares, Loctite Depend adhesive and all the materials needed for the easy 12-14 man-hour installation.

The **Micro Vortex Generators** are manufactured under our FAA PMA from aircraft grade 6063-T6 aluminum, alodined to a mil-spec, ready for painting.

As one twin owner said, "The **Micro VGs** do everything you said they would do and more -- the tail of my airplane thinks it's four feet taller and the rudder thinks it's two feet longer!"

When placing your order for a **Micro VG Kit**, please provide the Serial Number and N-Number. We can ship the same day if your kit is ordered Alodine, ready to be painted. We can paint the VGs to match your airplane for an additional \$200 per color. Painted kits will ship within 3 days. Amex, VISA, MasterCard, Discover and COD orders accepted. Please call for further information.

- Reduced V_{mc} , V_s , V_{so}
- Improved Controllability
- Improved Characteristics
- Improved Performance at Altitude
- More Stable Instrument Platform
- VGs mounted on wings, rudder, horizontal stabilizer and a strake on each engine nacelle.
- Easy 12-14 man-hour Installation
- Kit Price \$3950 plus S&H



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Vortex Generator Technology

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