

▪ **C E S S N A**

Cessna 414A - Vortex Generator Kit - #SA5672NM

New Operational Weight Increase of 7,140 lbs.

	Factory	BLR modified	Improvement
Gross Ramp Weight	6,785	7,140	+355
Gross Takeoff Weight	6,750	7,105	+355
Zero Fuel Weight	6,515	Eliminated	Eliminated
Max. Landing Weight	6,750	6,750	No Change
Vmc	79	68	-11
Stall Speed - Vs	82	78	-4
Stall Speed - Vso	71	70	-1
Liftoff Speed - Vlof	84	73	-11
Approach Speed - Vref	92	87	-5

Notes:

- Speeds listed in Knots, Weights listed in Pounds
- Stall speeds are Certified at NEW Gross Weight, Forward CG and Zero Thrust
- Vmc is certified at light weight, aft CG and the critical engine "wind milling"
- Kit installation time is approximately 8 man-hours

