

BEECHCRAFT DUKE
MARQUIS WINGLETS
60/A60/B60
PERFORMANCE SPECIFICATIONS

	Stock Baseline P-340	BLR Performance	The BLR Difference
Max. Ramp Wt.	6814	7039	+225
Gross Takeoff Wt.	6775	7000	+225
Min. SE – Vmc	85	72	-13
Min. SE – Flaps 15°	N/A	67	N/A
Stall clean – Vs	82	76	-6
Stall dirty – Vso	76	67	-9
Liftoff – Vlof	94	77	-17
Liftoff – Flaps 15°	N/A	72	N/A
ROC – Twin (fpm)	850	1200	+350
ROC – Single (fpm)	305	370	+65
Short Fld Approach	99	77	-22
TAS @ FL260	205	212	+7

Speed shown in KIAS

Weight shown in pounds

Notes:

1. Company test data and FAA-Approved numbers. See AFMS for certified performance.
2. Stall speeds are certified at new gross weight, forward CG and zero thrust.
3. Vmc is certified at light weight, aft CG and windmilling propeller.
4. Vlof = Vmc + 5 KIAS; Short Field = 1.15 x Vso & Vref = 1.3 x Vso at maximum landing weight.
5. Kit installation time is approximately thirty man-hours on wet tip airplanes, twenty man-hours on late-style dry tip airplanes, plus airspeed dial face change. Winglets not compatible with early style dry wing tips.
6. Kit includes comprehensive installation manual, FAA-Approved Flight Manual Supplement, 2 winglets, hardware, dial faces and all necessary documentation, including Supplemental Type Certificate (STC).
7. BLR gross weight increase vortex generator kit installation is required.
8. Funds quoted in US dollars, plus shipping & handling.

FAA- & CAA-Approved
STC#SA00112SE