

**FAA APPROVED
AIRPLANE FLIGHT MANUAL SUPPLEMENT**

FOR

HAWKER BEECHCRAFT MODEL _____

REG. NO. _____

SER. NO. _____

This supplement must be attached to the Pilot's Operating Handbook and FAA Approved Airplane Flight Manual when the aircraft is equipped with D'Shannon Products, LTD Vortex Generators in accordance with STC SA4016NM approved data. The information contained herein supplements or supersedes the basic handbook only in those areas listed. For limitations, procedures, and performance information not contained in this supplement, consult the basic Pilot's Operating Handbook and FAA Approved Airplane Flight Manual.

Eligible Models: Hawker Beechcraft Baron 95-55, 95-A55, 95-B55, 95-B55A, 95-B55B, 95-C55, 95-C55A, D55, D55A, E55, E55A, 58, 58A, G58, 58TC, 58TCA, 58P, 58PA

FAA APPROVED: _____

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Hawker Beechcraft Models 95-55, 95-A55, 95-B55, 95-B55A
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SECTION I – GENERAL

The D'Shannon Products, LTD Vortex Generator (VG) system consists of 111 vortex generators (107 on the 58TC, 58TCA, 58P and 58PA) affixed to the wings and vertical stabilizer. The purpose of the VG system is to improve stall characteristics and to reduce stall and Vmca speeds through control of the boundary layer airflow.

Although the VG system reduces stall and Vmca speeds, the pilot is to fly by reference to the performance specifications in the original Pilot's Operating Handbook and FAA approved Airplane Flight Manual to provide an increased margin of safety.

SECTION II – LIMITATIONS

103 vortex generators constitute the minimum requirement. Flight is prohibited with less than 103 vortex generators present.

SECTION III – EMERGENCY PROCEDURES

No change in basic flight manual.

SECTION IV – NORMAL PROCEDURES

No change in basic flight manual.

SECTION V – PERFORMANCE

The vortex generators installed on the upper surface of the wing have been shown to reduce stall and Vmca speeds.

The present AFM/POH speeds and performance data are to be used in order to provide an increased margin of safety.

SECTION VI – WEIGHT AND BALANCE / EQUIPMENT LIST

No change in basic flight manual.

SECTION VII – SYSTEMS DESCRIPTION

No change in basic flight manual.

SECTION VIII – HANDLING, SERVICING, AND MAINTENANCE

No change in basic flight manual.