

PILOT'S OPERATING HANDBOOK
AND
FAA APPROVED AIRPLANE FLIGHT MANUAL
SUPPLEMENT
FOR

BEECHCRAFT BARON 58, 58A, G58

REG. NO. _____

SER. NO. _____

This supplement must be attached to the Pilot's Operating Handbook and FAA Approved Airplane Flight Manual when a V/G SYSTEM is installed in accordance with STC(s) SA4016NM. The information contained herein supplements or supersedes the basic handbook only in those areas listed herein. For limitations, procedures, and performance information not contained in this supplement, consult the basic Pilot's Operating Handbook and FAA Approved Airplane Flight Manual.

SAMPLE

LOG OF REVISIONS

Revision	Description	FAA Approved
IR	Original Issue	03-15-88
A	Added G58 model Baron; Modernized Document	

SAMPLE

LOG OF PAGES

<u>Page No.</u>	<u>Revision No.</u>	<u>Date</u>
1	A	8/19/2014
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5	A	8/19/2014

SAMPLE

GENERAL

The V/G System Consists of 107 vortex generators affixed to the wings and vertical stabilizer. The purpose of the V/G system is to reduce stall and V_{mca} speeds through control of boundary layer airflow

Although the V/G System reduces stall and V_{mca} speeds, the pilot is encouraged 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.

LIMITATIONS

- 103 vortex generators constitute the minimum requirement. If less than 107 vortex generators are in place, the aircraft must be operated in accordance with the original Pilot's Operating Handbook and FAA Approved Airplane Flight Manual.
- Change all references to V_{mca} values in and on placards to:

74 KCAS

- AIRSPEED INDICATOR MARKINGS:

	<u>KCAS</u>
WHITE ARC	68-122
RED RADIAL	74
BLUE RADIAL	100
GREEN ARC	74-195
YELLOW ARC	195-223
RED RADIAL	223
WHITE TRIANGLE	152

EMERGENCY PROCEDURES:

EMERGENCY AIRSPEEDS:

AIR MINIMUM CONTROL SPEED (V_{mca}) 74 KIAS

NORMAL PROCEDURES

AIRSPEEDS FOR SAFE OPERATION:

AIR MINIMUM CONTROL SPEED (V_{mca}) 74 KIAS

PERFORMANCE

SEE FOLLOWING PERFORMANCE CHART

STALL SPEEDS – ZERO THRUST

Note

1. THE MAXIMUM ALTITUDE LOSS EXPERIENCED WHILE CONDUCTING STALLS IN ACCORDANCE WITH CAR 3120 WAS 400 FEET
2. A NORMAL STALL RECOVERY TECHNIQUE MAY BE USED
3. POWER IDLE CONDITIONS WILL INCREASE THE ZERO THRUST STALL SPEEDS BY APPROXIMATELY ONE KNOT AT FLAPS DOWN AND TWO KNOTS AT FLAPS UP

