V/G SYSTEM
STC # SA4016NM

PILOT'S OPERATING HANDBOOK
and
FAA APPROVED AIRPLANE FLIGHT MANUAL
SUPPLEMENT

for
BEECHCRAFT BARON
95-55, 95-A55, 95-B55, 95-B55A, 95-B55B

Registration number: 
Serial number: 

This Supplement must be attached to the FAA Approved Flight Manual when a V/G SYSTEM is installed in accordance with STC # SA4016NM. The information contained in this Supplement supercedes the information of the basic Airplane Flight Manual only in those areas listed herein. For limitations, procedures and performance information not contained in this Supplement, consult the basic Airplane Flight Manual.

FAA APPROVED: D. R. Rigger
Manager, Seattle Aircraft Certification Office

Date: September 15, 1987
P/N BE-55-AB-Supp-1
AFM SUPPLEMENT for:
BEECHCRAFT Baron
95-55, 95-A55, 95-B55, 95-B55A, 95-B55B

V/G SYSTEM
STC # SA4016NM

LOG OF REVISIONS

<table>
<thead>
<tr>
<th>Rev. No.</th>
<th>Revised Pages</th>
<th>Description of Revision</th>
<th>FAA Approval</th>
</tr>
</thead>
</table>

FAA APPROVED
Date: September 15, 1987
P/N BE-55-AB-Supp-1
V/G SYSTEM
STC # SA4016NM
AFM SUPPLEMENT for:
BEECHCRAFT Baron
95-55, 95-A55, 95-B55, 95-B55A, 95-B55B

LOG OF PAGES

<table>
<thead>
<tr>
<th>Page No.</th>
<th>Revision No.</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Original issue</td>
<td>September 15, 1987</td>
</tr>
<tr>
<td>2</td>
<td>Original issue</td>
<td>September 15, 1987</td>
</tr>
<tr>
<td>3</td>
<td>Original issue</td>
<td>September 15, 1987</td>
</tr>
<tr>
<td>4</td>
<td>Original issue</td>
<td>September 15, 1987</td>
</tr>
<tr>
<td>5</td>
<td>Original issue</td>
<td>September 15, 1987</td>
</tr>
<tr>
<td>6</td>
<td>Original issue</td>
<td>September 15, 1987</td>
</tr>
</tbody>
</table>

FAA APPROVED
Date: September 15, 1987
FAA-00-55-AB-Supp-1

Page 3 of 6
AFM SUPPLEMENT for:
BEECHCRAFT Baron
95-55, 95-A55, 95-B55, 95-B55A, 95-B55B

V/G SYSTEM
STC # SAAC66NM

GENERAL

The V/G System consists of 111 vortex generators affixed to the wings and vertical stabilizer. The purpose of the V/G System is to improve stall characteristics and to reduce stall and Vmca speeds through control of boundary layer airflow.

Although the V/G System reduces stall and Vmca speeds significantly, 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. When required for maximum performance, the pilot has the option of using lower take-off and landing speeds.

FAA APPROVED
Date: September 15, 1987
P/N BE-55-AB-Supp-1
V/G SYSTEM
STC # SA4016NM

AFM SUPPLEMENT for:
BEECHCRAFT Baron
95-55, 95-A55, 95-B55, 95-B55A, 95-B55D

LIMITATIONS
1. 107 vortex generators constitute the minimum requirement. If less than 111 vortex
   generators are in place, the aircraft must be operated in accordance with the original

2. Change all references to Vmca values in text and on placards to:
   71KCAS

3. AIRSPEED INDICATOR MARKINGS:

<table>
<thead>
<tr>
<th>WHITE ARC</th>
<th>KTS</th>
<th>MPH</th>
</tr>
</thead>
<tbody>
<tr>
<td>63-122</td>
<td>71</td>
<td>82</td>
</tr>
<tr>
<td>RED RADIAL</td>
<td>100</td>
<td>115</td>
</tr>
<tr>
<td>BLUE RADIAL</td>
<td>71-162</td>
<td>86-210</td>
</tr>
<tr>
<td>GREEN ARC</td>
<td>182-223</td>
<td>210-257</td>
</tr>
<tr>
<td>YELLOW ARC</td>
<td>223</td>
<td>257</td>
</tr>
<tr>
<td>RED RADIAL</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

EMERGENCY PROCEDURES
EMERGENCY AIRSPEEDS:
AIR MINIMUM CONTROL SPEED (Vmca) 69 KIAS

NORMAL PROCEDURES
AIRSPEEDS FOR SAFE OPERATION:
AIR MINIMUM CONTROL SPEED (Vmca) 69 KIAS

PERFORMANCE
SEE FOLLOWING PERFORMANCE CHART

FAA APPROVED
Date: September 15, 1987
P/N BE-55-AB-Supp-1

Page 5 of 6