

**1980 C-172RG N5424V  
NORMAL OPERATING AIRSPEEDS**

<b>Vr</b>	<b>55 KIAS</b>
<b>Vx</b>	<b>67 KIAS</b>
<b>Vy</b>	<b>84 KIAS</b>
<b>Vfe</b>	<b>100 KIAS</b>
<b>Va</b>	<b>106 KIAS</b>
<b>Vso</b>	<b>42 KIAS</b>
<b>Vs1</b>	<b>51 KIAS</b>
<b>Vno</b>	<b>145 KIAS</b>
<b>Vne</b>	<b>164 KIAS</b>
<b>Vglide</b>	<b>65 KIAS</b>
<b>Vlo</b>	<b>140 KIAS</b>
<b>Vle</b>	<b>164 KIAS</b>

**SHORTFIELD TAKEOFF..... 0 ° FLAPS**  
**ENROUTE CLIMB.....85 to 95 KIAS**  
**SHORTFIELD APRCH.....63 KIAS**

**POWER SETTINGS**

**TAKE OFF..... FULL POWER 2700 RPM**  
**CLIMB..... 25" MP 2500 RPM**  
**CRUISE..... 23" MP 2300 RPM**  
**ENROUTE DESCENT..... 21" MP 2300 RPM**  
**PATTERN..... 17" MP PROP FULL**  
**APPROACH.(VFR)..... 15" MP PROP FULL**

**FUEL CAPACITY**

**TOTAL USABLE PER TANK.....31 GALS**  
**TOTAL USABLE FUEL.....62 GALS**  
**TOTAL UNUSABLE FUEL .....4 GALS**

**OIL CAPACITY**

**TOTAL CAPACITY.....9 QTS**  
**MINIMUM FOR FLIGHT..... 6 QTS**  
**TYPE AND WEIGHT...DETERGENT.....50 WT**

**WEIGHT AND BALANCE**

**EMPTY WEIGHT..... 1673 LBS**  
**USEFUL LOAD..... 977 LBS**  
**GROSS WEIGHT..... 2650 LBS**  
**MAX BAGGAGE WEIGHT.....200 LBS**

This information is to be used as a guide only. It does not replace the pilot's responsibility to be familiar with and follow the procedures outlined in the aircraft's P.O.H. ©1998 Golden Wings, Inc. July 4, 1998