

**1981 C-172RG N28RJ
NORMAL OPERATING AIRSPEEDS**

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

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 FUEL4 GALS

OIL CAPACITY

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

WEIGHT AND BALANCE

EMPTY WEIGHT.....1709 LBS
USEFUL LOAD..... 949 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. ©2002 Golden Wings, Inc. Mar 12, 2002