

N44862 - NOTES FROM POH

*** CHT should be kept below 460°F at all times

*** CHT do not permit to drop below 240°F

*** EGT should be kept below 1650°F at all times

Maximum Recommend Continuous Cruise 2450 RPM

PRIMING ENGINE BEFORE START

Ambient Temp > 60°F Prime 3-5 Seconds

Ambient Temp ~50°F Prime 5-7 Seconds

Ambient Temp ~40°F Prime 7-9 Seconds

ENGINE WARM-UP

Oil Pressure above 30 PSI within 30 seconds

Prolonged idling at low RPM (~700 RPM) may foul spark plugs.

Warm-up at 900-1200 RPM

GROUND OPERATIONS

mixture control in "FULL RICH"

propeller control set for "Full Increase"

ENGINE RUN-UP

The minimum allowable oil temperature for run-up is 75°F.

FOULED PLUGS

Prolonged single magneto operation may foul the spark plugs.

Minor spark plug fouling can usually be cleared as follows:

● Magnetos - Both On.

● Throttle - 2200 RPM.

● Mixture - Move toward idle cutoff until RPM peaks and hold for ten seconds. Return mixture to full rich

● Magnetos - Recheck

TAKOFF

Position mixture to "FULL RICH":

Minimum Oil Temp. for Takeoff 100°F

Propeller control "FULL INCREASE" RPM position. 2475 RPM Max

Position fuel boost pump OFF

Slowly advance the throttle to "FULL OPEN" position, carefully monitoring manifold pressure. 41" MAX

OVERBOOST LIGHT

Avoid rapid throttle movement to reduce overboosts occurring

Continuous overboost operation may damage the engine

*** IF OVERBOOST REDUCE THROTTLE**

DESCENT - Avoid long Descents at low Manifold Pressure.

If power must be reduced for long periods, adjust prop to minimum governing RPM and set MAP no lower than necessary.

AFTER LANDING

Operate the engine at idle for approximately 3 minutes to allow the turbochargers to cool off and slow down. Taxi time may be considered part of the 3 minutes.