



## PILOT SCREW ADJUSTMENT

Turn the pilot screw clockwise until it seats lightly and then back it out 2-1/4 turns.

**CAUTION:**

*Damage to the pilot screw seat will occur if the pilot screw is tightened against the seat.*

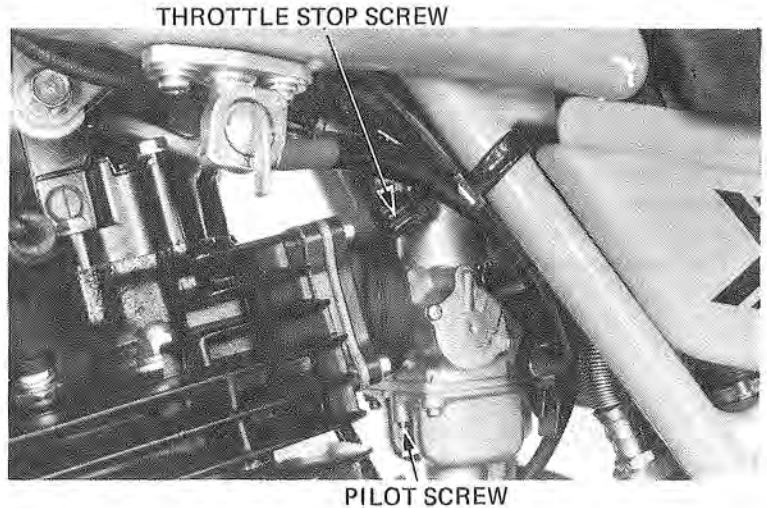
Warm the engine up to operating temperature. Stop the engine and connect a tachometer.

Start the engine and adjust the idle speed to 1200 ± 100 rpm with the throttle stop screw.

Check that the engine speed increases smoothly by operating the throttle grip.

Turn the pilot screw until the highest idle speed is obtained.

Reset the idle speed to 1200 ± 100 rpm with the throttle stop screw.

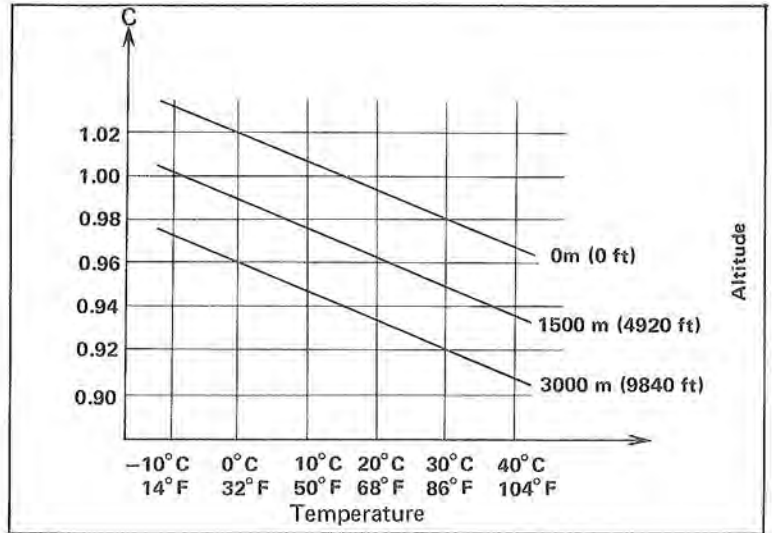


## TEMPERATURE AND ALTITUDE

Use the chart at right to determine if carburetor adjustments are necessary because of changes in temperature and altitude. Decide where the approximate elevation and temperature factors intersect to get C, the correction factor.

To determine jet needle and pilot screw adjustments:

If C is 0.95 or below, lower jet needle one groove and screw the pilot screw in 1/2 turn. Adjustments are not needed if C is over 0.95.



The determine main jet size:

Multiply the standard main jet size times C.

