RATE OF CLIMB, CLEAN CONFIGURATION

The Rate of Climb for the Clean Configuration is shown in Figure 2-7 for varying outside air temperature and pressure altitude at 2650 Lb gross weight. A table of Scheduled Climb Speeds versus Pressure Altitude is presented in the upper right hand corner of the chart.

ASSOCIATED CONDITIONS

Power	MAXIMUM CONTINUOUS
Wing Flaps	0 DEG
Landing Gear	UP
Cowl Flaps	OPEN

TECHNIQUE

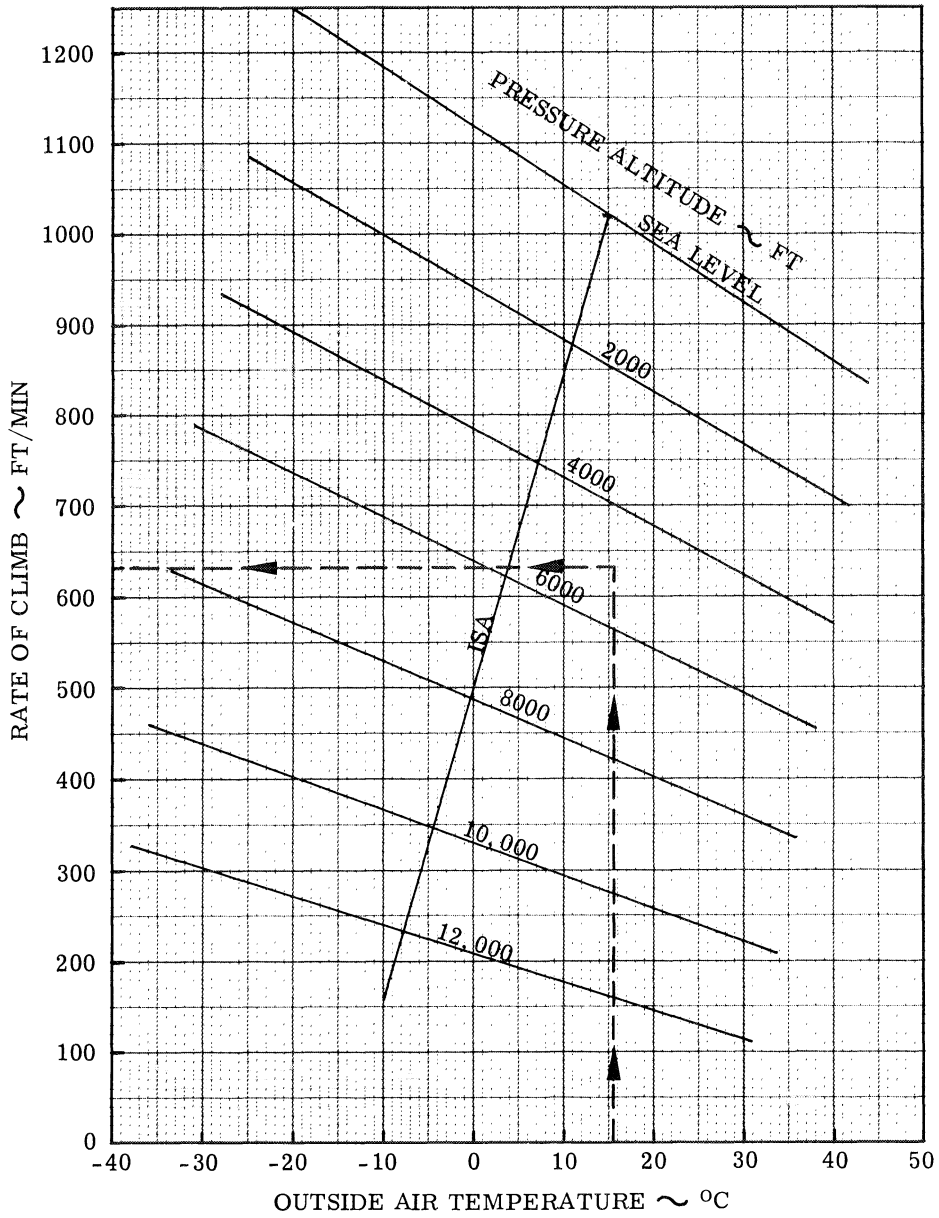
Establish the airplane in a steady climb at the scheduled climb speed and obtain maximum continuous power. Follow the climb speed versus pressure altitude table as the climb progresses.

EXAMPLE

GIVEN:	Gross Weight	2650 LB
	Outside Air Temperature	15.5°C
	Pressure Altitude	5000 FT
FIND:	Rate of Climb	635 FT/MIN

NOTES:
1. IAS assumes zero instrument error.
2. The rate of climb is a true tapeline rate obtained in smooth air and allowance must be made for actual conditions which may differ.

RATE OF CLIMB
CLEAN CONFIGURATION



NOTE: IAS ASSUMES ZERO INSTRUMENT ERROR.

SCHEDULED CLIMB SPEEDS	
PRESSURE ALTITUDE FT	CLIMB SPEED KIAS
SEA LEVEL	90
2000	88
4000	87
6000	85
8000	83
10,000	82
12,000	80

Figure 2-7.