

TIME, FUEL, AND DISTANCE TO CRUISE CLIMB

ASSOCIATED CONDITIONS:

PROPELLER SPEED 1550 RPM
 POWER:
 ITT 750 °C
 OR TORQUE 3400 FT-LBS

ALTITUDE - FEET	CLIMB SPEED - KNOTS
SL TO 10,000	160
10,000 TO 15,000	150
15,000 TO 20,000	140
20,000 TO 25,000	130

EXAMPLE:

OAT AT TAKEOFF 15 °C
 OAT AT CRUISE -10 °C
 AIRPORT PRESSURE ALTITUDE 3499 FT
 CRUISE ALTITUDE 11,000 FT
 INITIAL CLIMB WEIGHT 15,000 LBS
 TIME TO CLIMB (4.8-8) 4 MIN
 FUEL TO CLIMB (93-25) 68 LBS
 DISTANCE TO CLIMB (13-2) 11 NM

- NOTES: 1. ADD 110 LBS FUEL FOR START, TAXI, AND TAKEOFF
 2. FOR OPERATION WITH ICE VANES EXTENDED, ADD 10 °C TO THE ACTUAL OAT BEFORE ENTERING THE GRAPH

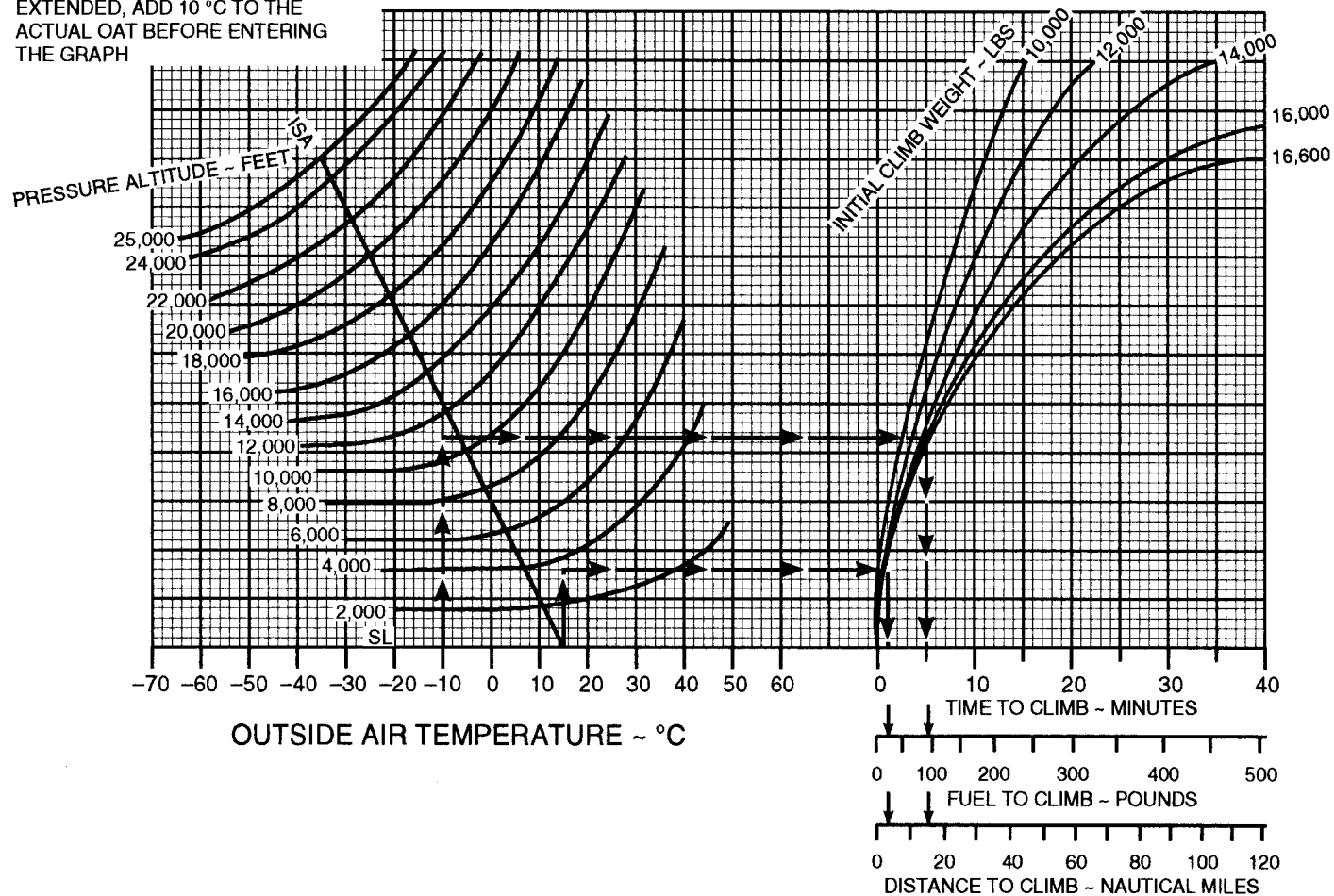


FIGURE 18.—Time, Fuel, and Distance to Cruise Climb.