

1 July 1980
Revision 5 - 1 Nov 1982

RATE-OF-CLIMB - ONE ENGINE INOPERATIVE

SPEED - 111 KIAS

OPERATION ABOVE 8200 GROSS WEIGHT RESTRICTED TO AIRPLANES
425-0001 THRU 425-0178 INCORPORATING SK425-17.

EXAMPLE

OAT 16°C
PRESSURE ALTITUDE 2400 FEET
WEIGHT 8000 POUNDS

RATE-OF-CLIMB 425 FT/MIN
CLIMB SPEED 111 KIAS

CONDITIONS:

1. Inoperative Engine.
 - a. Propeller - Feathered.
 - b. Cowl Flap - Closed.
2. Operating Engine.
 - a. Power - Maximum Continuous.
 - b. Cowl Flap - Open.
3. Landing Gear - Up.
4. Wing Flaps - Up.
5. Inertial Separator - Normal.
6. Wings Banked Approximately 5° with a 1/2 Ball Slip into the Operative Engine Indicated on the turn and Bank Indicator.

NOTE:

Approximate Effect of Configuration on One Engine Inoperative Rate-of-Climb.

Subtract values listed below from value obtained in above graph. Effects for a combination of gear or wing flaps may be obtained by adding the effects for each.

Gear Down 350 Ft/Min
Wing Flaps Down 15° 200 Ft/Min
Wing Flaps Down 45° 600 Ft/Min

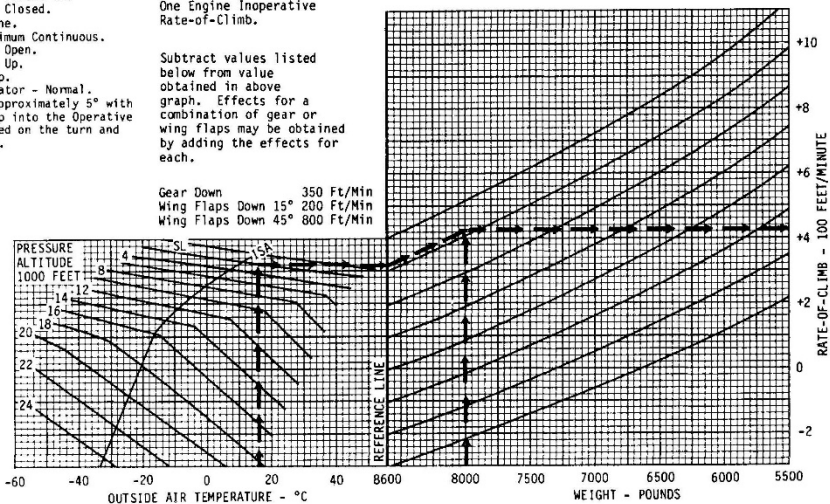


Figure 5-15

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SECTION 5
PERFORMANCE