

MINIMUM HEIGHT FOR SAFE LANDING AFTER ENGINE FAILURE

MINIMUM HEIGHT
OH-58A/C



EXAMPLE A WANTED

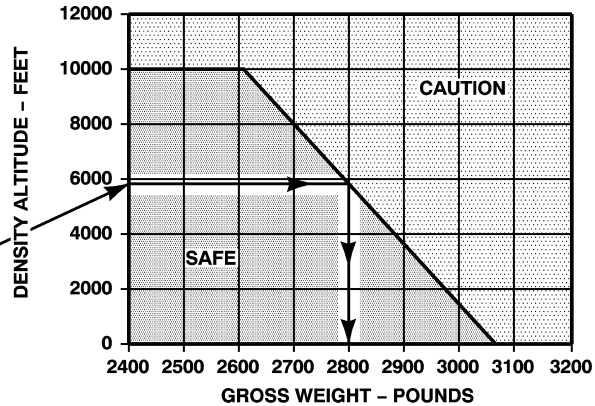
MAXIMUM GROSS WEIGHT RESTRICTION FOR SAFE LANDING AFTER ENGINE FAILURE

KNOWN

DENSITY ALTITUDE = 5700 FEET

METHOD

ENTER DENSITY ALTITUDE HERE
MOVE RIGHT TO DIAGONAL LINE
MOVE DOWN, READ GROSS WEIGHT = 2800 LBS



EXAMPLE B WANTED

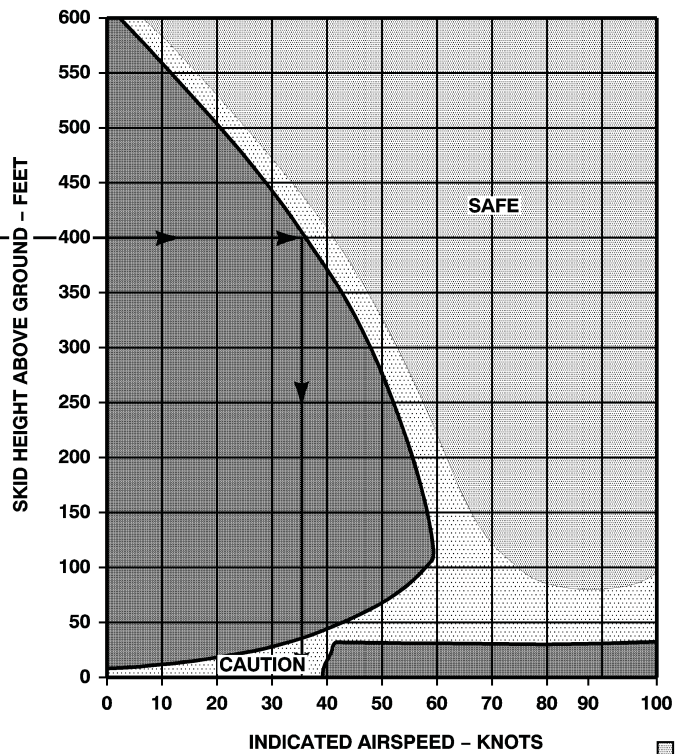
MINIMUM INDICATED AIRSPEED FOR SAFE LANDING (WITHOUT AIRCRAFT DAMAGE) AFTER ENGINE FAILURE

KNOWN

SKID HEIGHT ABOVE GROUND = 400 FEET

METHOD

ENTER SKID HEIGHT HERE
MOVE RIGHT TO CRITICAL POINT
ON HEIGHT VELOCITY CURVE
MOVE DOWN, READ INDICATED AIRSPEED = 35 KNOTS (MINIMUM)



DATA BASIS: DERIVED FROM FLIGHT TEST OF SIMILAR TYPE AIRCRAFT

MS026027A

Figure 9-3.