

SECTION 5

PERFORMANCE

GENERAL

IGE hover controllability has been substantiated in 17 knot wind from any direction up to 9600 feet (2930 meters) density altitude. Refer to hover performance charts for allowable gross weight.

CAUTION

Performance data presented in this section was obtained under ideal conditions. Performance under other conditions may be substantially less.

NOTE

Hover performance data given is with carburetor heat off. Full carburetor heat reduces hover ceilings by up to 2400 feet (730 meters).

Indicated airspeed (KIAS) shown on charts assumes zero instrument error.

DEMONSTRATED OPERATING TEMPERATURE

Satisfactory engine cooling has been demonstrated to an outside air temperature of 38°C (100°F) at sea level or 23°C (41°F) above ISA at altitude.