

CHAPTER 7 – PERFORMANCE

NOTE ALL ITEMS REMAIN AS IN BASIC OPERATOR'S MANUAL EXCEPT THE FOLLOWING:

EXAMPLE

WANTED

GROSS WEIGHT TO HOVER

KNOWN

PRESSURE ALTITUDE = 12000 FEET

FAT = 10°C

SKID HEIGHT = 2 FEET

METHOD

ENTER PRESSURE ALTITUDE

MOVE RIGHT TO FAT

MOVE DOWN TO SKID HEIGHT

MOVE LEFT, READ GROSS WEIGHT

TO HOVER = 9200 POUNDS

HOVER CEILING MAXIMUM TORQUE POWER AVAILABLE (30 MINUTE OPERATION) 324 ROTOR/6600 ENGINE RPM

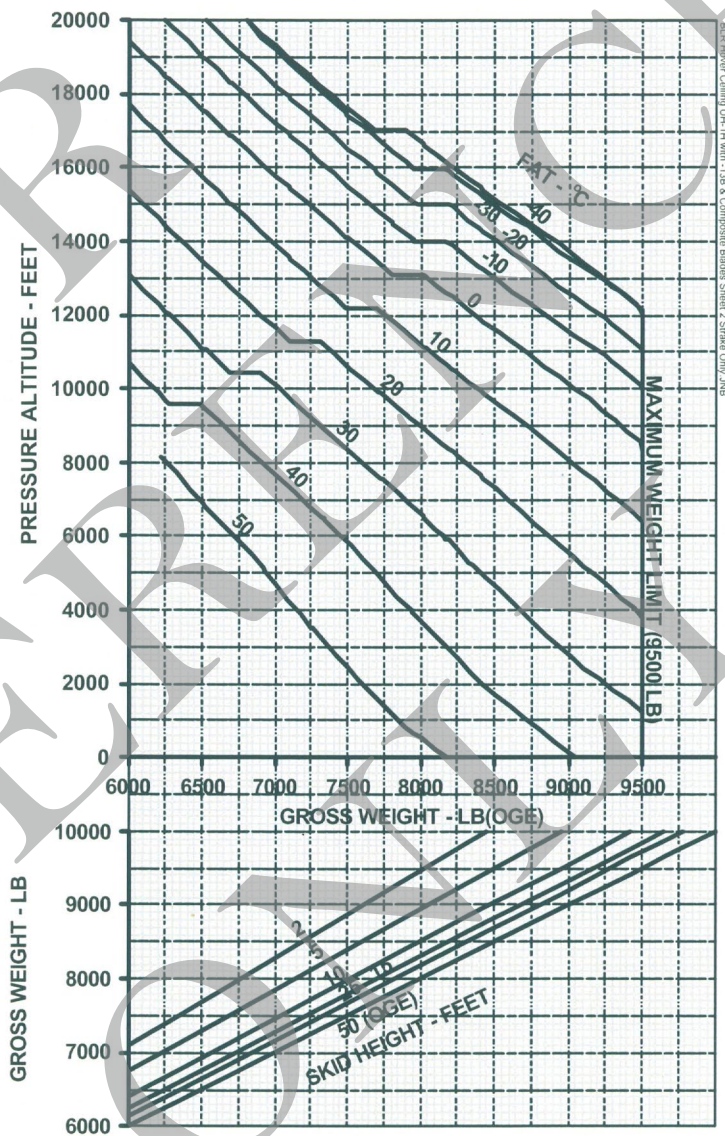


FIGURE 7.1-3 Hover Chart (Sheet 2 of 2)

CHAPTER 7 – PERFORMANCE

NOTE ALL ITEMS REMAIN AS IN BASIC OPERATOR'S MANUAL EXCEPT THE FOLLOWING:

HOVER CEILING
MAXIMUM TORQUE POWER AVAILABLE (30 MINUTE OPERATION)
 UH-1H with T53-L-703 Engine and Metal Main Rotor Blades
 OUT OF GROUND EFFECT - 324 ROTOR/6600 ENGINE RPM

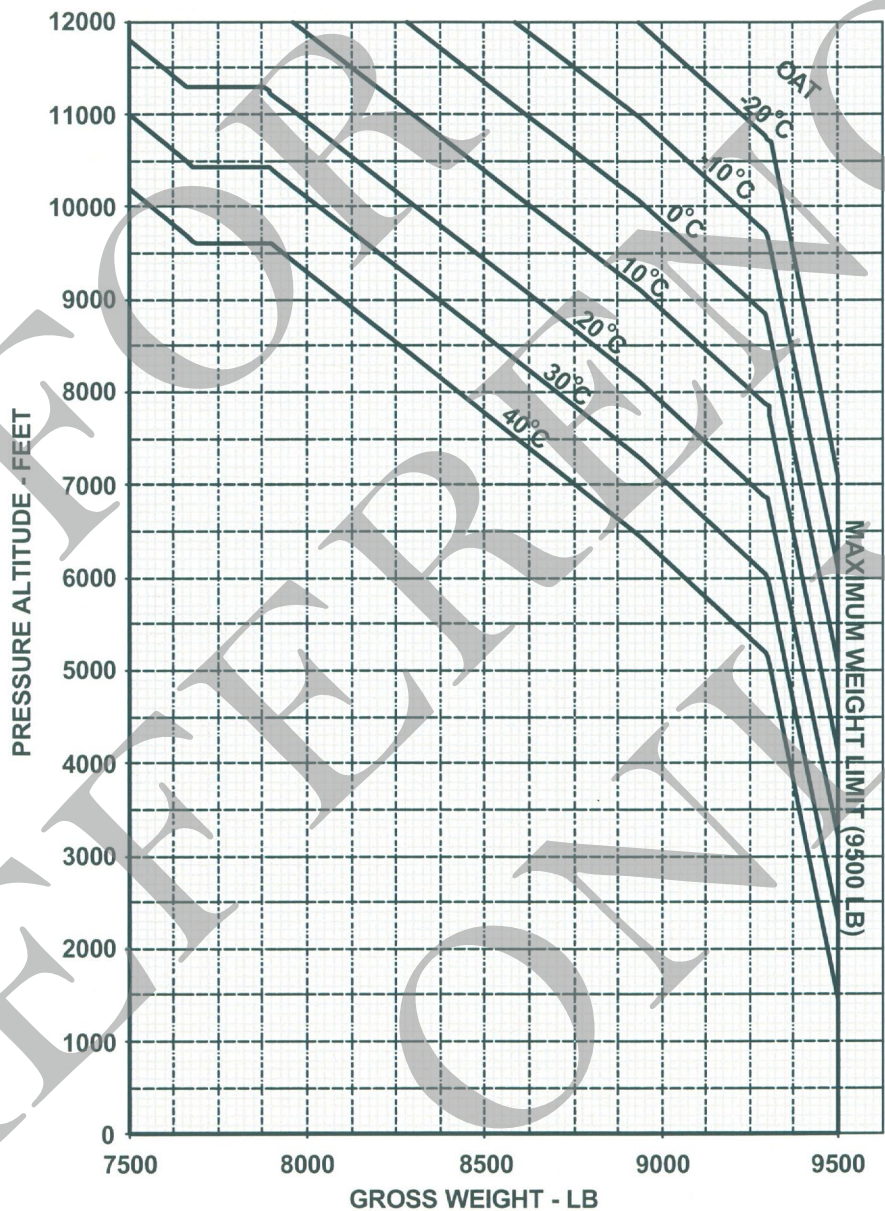


FIGURE 7.2 Hover Ceiling Chart – Metal Blades

CHAPTER 7 – PERFORMANCE (CONT.)

HOVER CEILING MAXIMUM TORQUE POWER AVAILABLE (30 MINUTE OPERATION) UH-1H with T53-L-703 Engine and Composite Main Rotor Blades OUT OF GROUND EFFECT - 324 ROTOR/6600 ENGINE RPM

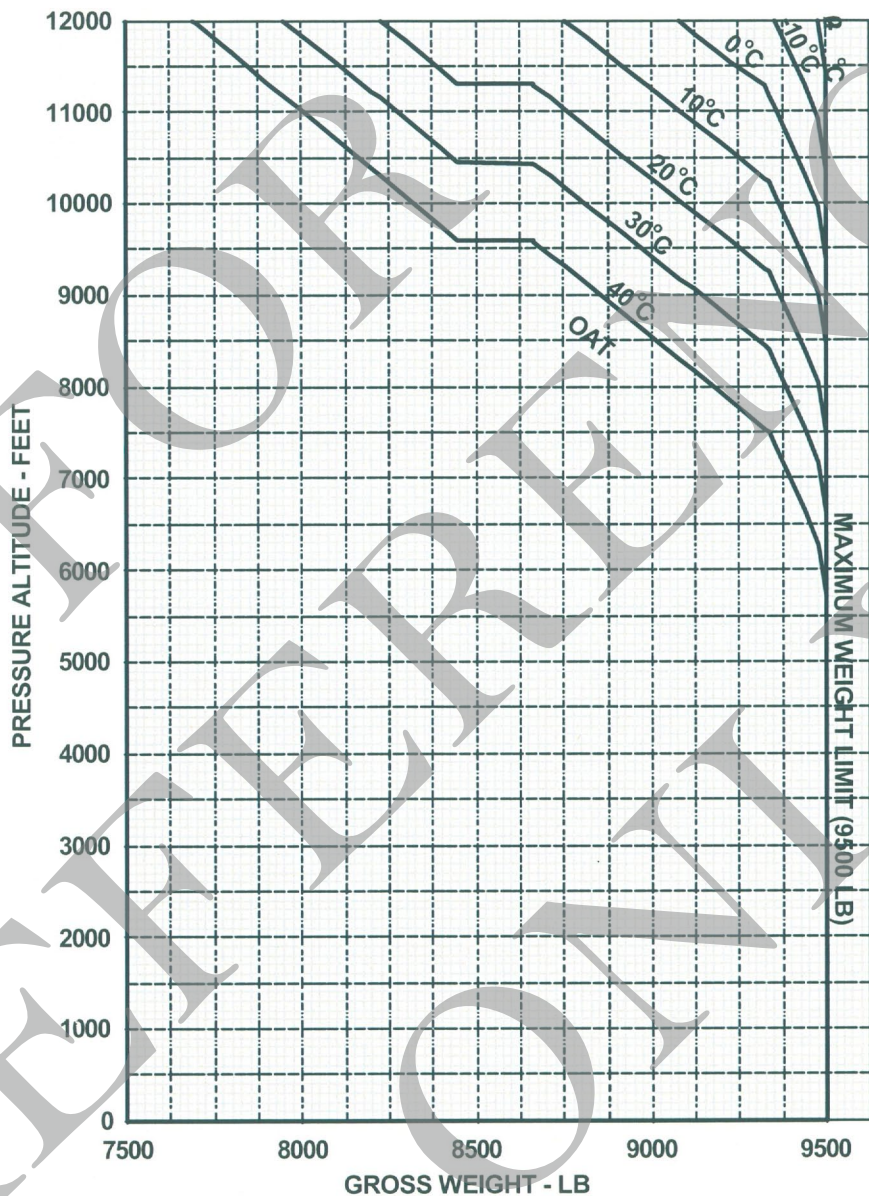


FIGURE 7.3 Hover Ceiling Chart – Composite Blades