

PIPER PA38-112 TOMAHAWK INFORMATION

For informational purposes only. Always refer to POH.

ENGINE: Lycoming O-235, 4 cyl, 112HP, direct drive, horizontally opposed, air cooled

PROPELLOR: Sensinich 2 blade, fixed pitch

FUEL: 32gal total capacity, 30gal usable, 100LL (blue) [tabs=10gal in that tank]

OIL: 6quarts max, 4 qts min capacity, 6 qts max

WEIGHTS: max gross: 1670lbs

empty: N25915: _____ N2506G: _____
useful: N25915: _____ N2506G: _____

All speeds given are in knots

rotate: above 53

Vx Best angle 61
Vy Best rate 70
Vfe Flap extension 89
Vno Normal operating 110
Vne Never exceed 138
Vso Stall (landing) 49 (full flaps)
Vs1 Stall (clean) 52 (no flaps)
Va Maneuvering 103 (at 1670lbs)
Va Maneuvering 90 (at 1277lbs)

glide: 70 (no flaps)

approach: 70
short final: 67

NORMAL TAKEOFF:

rotate above 53, climb best rate at 70

SHORT TAKEOFF:

1st notch flaps, rotate above 53, climb best angle at 61, best rate at 70 when clear, slowly retract flaps

NORMAL LANDING:

initial final approach at 70, short final at 67, full flaps are ideal, but part or no flaps in strong winds

Notes: