

# VH-BXI - Pilot & Handling Notes

Last Updated Thursday, 28 January 2010

Registration:  
VH-BXI

Engine:  
Lycoming O-360-A1AD

Weights:  
Maximum Ramp Weight: 1155kg Maximum Take-off  
Weight: 1150kg Empty Weight: 700.3kg Maximum Landing  
Weight: 1092kg Useful Load: 449.7kg

Fuel:  
210 litres total (151.2kg) 204 litres useable  
(147kg)

Oil:  
Minimum 6 quarts, Normal 7.5 quarts, Extended flights 7.5 quarts

Endurance:  
270 minutes @ 45 litres/hr for planning (refer to POH for actual  
performance)

TAS:  
120 knots

Stall  
Speeds:  
Power Off at MTOW of 1150kg Flaps Up 60 knots  
Flaps Take-off 57 knots Flaps Landing 54 knots

Checkflights: To arrange a checkflight in BXI, contact Scott Lockhart on 0420 299 474 or Ian Edwards on 0431 267 611.

Airspeed  
Limitations:

Never  
Exceed (VNe)

165  
knots

Maximal  
Structural Cruising Speed (VNo)

128  
knots

Flap Extension

95 Knots

Max Cross Wind

20 knots

Normal  
Approach

Final  
78 knots Take-Off Flaps 70-73 knots Landing Flaps

Short  
Field Approach

73  
knots (see POH Operation on Short Runways)

Best  
Glide Speed

86  
knots

Max  
Rate Climb Vy

80  
knots

Short  
Field Take Off

See  
POH

Please  
Note: Use these notes as a guide only. Refer to the Aircraft  
Flight Manual and Pilots Operating Handbook for full details.  
Manuals for the Garmin instrumentation in BXI and POH are available  
for download

#### AVIONICS EQUIPMENT FITTED

- AUDIO  
PANEL CP 136 Narco

-  
VHF  
COMM 1 / GPS GNC300XL Garmin

-  
VHF

COMM 2 COM 11A Narco

-

NAV

1 NAV 122 Narco

-

ADF

ADF141 Narco

- ATC

TRANSPONDER AT150 Narco

- INTER

COM SPA400 Sigtronics 4 place