

# HB-PLQ

## Technical Datasheet

# Piper PA18-150 Super Cub

### Basic Information

Aircraft Type	Piper PA28-150 Super Cub
ICAO Designator	PA18
Year built	1994
Engine	Lycoming O-320
Engine Power	150 HP
Range	460 NM / 852 km

### Avionics

Primary Instruments	Altimeter, Variometer, Airspeed Indicator
NAV / COMM	Garmin GNC 255
GPS	-
XPDR	Garmin GTX 328
Audio Panel	Basic Intercom
Autopilot	-
FLARM	Powerflarm/ Butterfly display

### Speeds

<b>V<sub>GLIDE</sub> Best Glide</b>	<b>76 MPH</b>
V <sub>R</sub> (Flaps 25°)	40 MPH
V <sub>R</sub> (Flaps 0°)	45 MPH
V <sub>s flaps 2</sub> Stall Speed (Flaps 50°)	43 MPH
V <sub>s flaps 1</sub> Stall Speed (Flaps 25°)	45 MPH
V <sub>s</sub> Stall Speed (Flaps 0°)	47 MPH
V <sub>x</sub> Best angle of climb (Flaps 50°)	55 MPH
V <sub>y</sub> Best rate of climb (Flaps 0°)	75 MPH
V <sub>cruise Climb</sub> (Flaps 0°)	75 MPH
V <sub>A</sub> Maneuvering speed	89 MPH
V <sub>ne</sub> Never Exceed Speed	153 MPH
V <sub>FE</sub> Flaps extended speed white arc	85 MPH
V <sub>app</sub> (Flaps 0°)	60 MPH
V <sub>app</sub> (Flaps 50°)	55 MPH



## Fuel System

Total Capacity  
Approved fuel types

2 x 18.0 USG = 36 USG / 136.1 Liter  
AVGAS 100 LL

## Fuel Consumption

75% Power (113 MPH)

9 USG / h / 34 Liter / h

## Weights:

MTOM Maximum Takeoff Mass  
MLM Maximum Landing Mass  
max. Weight in Baggage Area  
Basic Empty Weight  
Basic Empty Moment

794 kg / 1750 lbs  
794 kg / 1750 lbs  
22.7 kg / 50 lbs  
519 kg / 1144 lbs  
82'991.6 inches x lbs

Last updated: 06.02.2023