



International

Piper Seneca V

**Pilot
Operating
Handbook**

INTRODUCTION

This Pilot's Operating Handbook is designed for maximum utilization as an operating guide for the pilot. It includes the material required to be furnished to the pilot by the Federal Aviation Regulations and additional information provided by the airplane manufacturer and constitutes the FAA Approved Airplane Flight Manual.

This handbook is not designed as a substitute for adequate and competent flight instruction, knowledge of current airworthiness directives and applicable federal air regulations or advisory circulars. It is not intended to be a guide for basic night instruction or a training manual and should not be used for operational purposes unless kept in a current status.

Assurance that the airplane is in an airworthy condition is the responsibility of the owner. The pilot in command is responsible for determining that the airplane is safe for flight. The pilot is also responsible for remaining within the operating limitations as outlined by instrument markings, placards, and this handbook.

Although the arrangement of this handbook is intended to increase its in-flight capabilities, it should not be used solely as an occasional operating reference. The pilot should study the entire handbook to become familiar with the limitations, performance, procedures and operational handling characteristics of the airplane before flight.

The handbook has been divided into numbered sections, each provided with a finger-tip tab divider for quick reference. The limitations and emergency procedures have been placed ahead of the normal procedures, performance and other sections to provide easier access to information that may be required in flight. The Emergency Procedures Section has been furnished with a red tab divider to present an instant reference to the section. Provisions for expansion of the handbook have been made by the deliberate omission of certain paragraph numbers, figure numbers, item numbers and pages noted as being intentionally left blank.

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General Specifications

Engines

Number of Engines	2
Engine Manufacturer	Teledyne Continental
Engine Model Number	
Left	TSIO 360KB
Right	LTSLO360R0

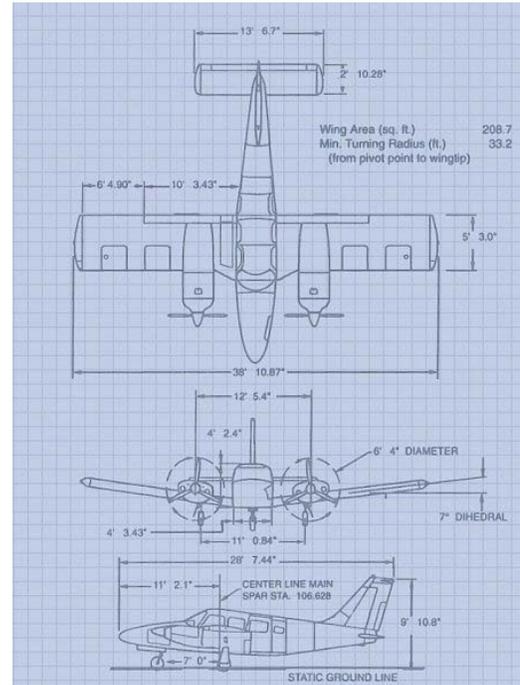
MAX. CONT. POWER

Rated Horsepower	220BHP
Rated Speed (RPM)	2600
Bore (inches)	4.438
Stroke (inches)	3.815
Displacement (cubic inches)	360
Compression Ratio	7.5:1
Engine Type	Six Cylinder, Direct Drive. Horizontally Opposed. Air Cooled

Propeller

STANDARD

Number of Propellers	2
Propeller Manufacturer	Hartzell
Propeller Hub & Blade Models	
Left	BHC-32YF-2CLJF/FC8459B-8R
Right	BHC-J2YF2CLUF/F-C8459fl-8R
Number of Blades	2
Propeller Diameter (in.)	
Maximum	76
Minimum	75
Propeller Type	Constant Speed - Hydraulically Activated. Full Feathering



Maximum Weights

Max. Ramp Weight (lbs.)	4773
Max. Takeoff Weight (Lbs.)	4750
Max. Landing Weight (lbs.)	4513
Max. Zero Fuel Weight (lbs.)	4479
Max. Weights in Baggage	
Forward	100
Aft	85



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Standard Airplane Weights

BAGGAGE SPACE

	Forward	Aft
Baggage Space (cu. ft.)	15.3	17.3
Baggage Door Size (in.)	24 x 21	

Specific Loadings

Wing Loading (lbs. Per sq. ft.)	21.2
Power Loading (lbs. per hp)	10.0

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Credits

Aircraft Designer	Jim Goldman
Panel And Aircraft Systems	Tim Dickens
Flight Dynamics	Steve Small
Sounds	Aaron Swindle

Many thanks to all the people who contributed material to this project, and to our beta testers, who without their eagle eyes, the quality you receive in this aircraft would not be possible:

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