

# AIRCRAFT CHECKOUT QUESTIONNAIRE

Flying Scotchman,

Inc.

6200 Zane Ave. N  
Brooklyn Park, MN 55429  
Phone: 763-537-8485

\_\_\_ C-172 \_\_\_ C172RG \_\_\_ BE-76

Name of Pilot \_\_\_\_\_ Home Phone: \_\_\_\_\_

Address \_\_\_\_\_ Work Phone: \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_ Zip \_\_\_\_\_ Cell Phone: \_\_\_\_\_

Pilot Certificate # \_\_\_\_\_ Medical Date \_\_\_\_\_ Class \_\_\_\_\_

## Check Your Applicable Rating:

\_\_\_ Student \_\_\_ Recreational \_\_\_ Private \_\_\_ Commercial  
\_\_\_ Airline Transport \_\_\_ Instrument \_\_\_ Airplane Single-Engine  
\_\_\_ Airplane Multi-Engine \_\_\_ Rotorcraft \_\_\_ Balloon \_\_\_ Airship  
\_\_\_ Glider \_\_\_ Power-Lift \_\_\_ CFI \_\_\_ CFII \_\_\_ CFIME

Flight Time: Single-Engine Land \_\_\_\_\_ Multi-Engine-Land \_\_\_\_\_

Date of last Flight Review or Flight Test \_\_\_\_\_

How many gallons of fuel are useable for this aircraft? \_\_\_\_\_  
How many pounds does a gallon of aviation fuel weigh? \_\_\_\_\_  
How much does the useable fuel weigh? \_\_\_\_\_  
What is the useful load weigh? \_\_\_\_\_  
Minus the fuel weight from the useful load weight,  
How much weight is left for our passengers and baggage? \_\_\_\_\_  
What is the empty weight of this aircraft? \_\_\_\_\_  
What is the takeoff weight? \_\_\_\_\_  
What is the oil capacity in quarts? \_\_\_\_\_  
What type of oil is used for this aircraft? \_\_\_\_\_  
What is the minimum number of quarts of oil for flight? \_\_\_\_\_  
What grade of fuel is used? \_\_\_\_\_  
What is the alternator output in amps? \_\_\_\_\_  
What is the voltage output of the system? \_\_\_\_\_  
What is the center of gravity range in inches at maximum gross weight?  
From \_\_\_\_\_ To \_\_\_\_\_

What is the takeoff speed of this aircraft? \_\_\_\_\_ Kts.  
 What is the best rate of climb speed? \_\_\_\_\_ Kts.  
 What is the best angle of climb speed? \_\_\_\_\_ Kts.  
 What is the takeoff and departure stall speed? \_\_\_\_\_ Kts.  
 What is the design maneuvering speed? \_\_\_\_\_ Kts.  
 What is the best glide speed at maximum gross weight? \_\_\_\_\_ Kts.  
 What is the final approach speed with full flaps extended? \_\_\_\_\_ Kts.  
 What is the approach to landing stall speed with full flaps extended? \_\_\_\_\_ Kts.  
 If applicable, what is the maximum gear up speed? \_\_\_\_\_ Kts.  
 What is the maximum gear extension speed? \_\_\_\_\_ Kts.

**What are the procedures for emergency gear extension?**

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**If applicable, what are the engine out procedures for our multi-engine aircraft?**

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What are the following speeds?  $V_{mc}$  \_\_\_\_\_ Kts.  $V_{xse}$  \_\_\_\_\_ Kts.  
 $V_{yse}$  \_\_\_\_\_ Kts.

**What are the procedures for an engine failure immediately after takeoff?**

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What is your service ceiling with one engine inoperative at maximum gross weight with an outside temperature of 10 degrees Celsius? \_\_\_\_\_ Ft.

***What would be the range in hours with full fuel using the conditions below?***

75% power, pressure altitude of 4,500 feet, outside temperature of 10 degrees Celsius.

Manifold pressure (if applicable) \_\_\_\_\_  
RPM's \_\_\_\_\_  
Fuel consumption per hour \_\_\_\_\_ Gals.  
True airspeed \_\_\_\_\_ Kts.  
Range in hours \_\_\_\_\_

***What is the minimum runway length for takeoff with the following conditions?***

No wind, maximum gross weight, pressure altitude of 2,000 feet, 20 degrees Celsius.

Takeoff distance \_\_\_\_\_ Ft. Landing distance \_\_\_\_\_ Ft.

***What are the correct procedures for a go-around in the landing configuration (full flaps and gear down)?***

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<b>Checkout completed</b>	<b>Instructor's signature</b>	<b>Date</b>
Day flight	_____	_____
Night flight	_____	_____

Instrument \_\_\_\_\_

Flight review \_\_\_\_\_

Other (specify) \_\_\_\_\_

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**Lessee's signature**

(Dates are listed above by the flight instructor upon completion).