### **American Flight Schools**

13000 E. Control Tower Rd, Unit K-16 Englewood, CO 80112

Tel: 303-799-6794



# **Aircraft Checkout Quiz**

Thank you for choosing American Flight Schools for your aircraft rental and flight training needs! The following quiz should help familiarize you with the aircraft and privileges sought. The following test is required by policy prior to acting as PIC in any aircraft. Please take a few minutes and get to know your aircraft. Consult the appropriate aircraft POH and answer the following questions. If the aircraft has a STC, please make sure to note any changes to the original POH.

|     | Aircraft Type Aircraft N#  |  |  |  |  |  |
|-----|--|--|--|--|--|--|
| 1.  | Does this aircraft have a STC(s), and what changes to the POH are included in the STC(s)?    |  |  |  |  |  |
| 2.  | What engine model is the aircraft equipped with and what is its rated horsepower?            |  |  |  |  |  |
| 3.  | What are the approved fuel grades? Total Capacity? Total Useable?                            |  |  |  |  |  |
| 4.  | What is the Oil Capacity?  |  |  |  |  |  |
| 5.  | Maximum Takeoff Weight?  |  |  |  |  |  |
| 6.  | Maximum Landing Weight?  |  |  |  |  |  |
| 7.  | Maximum Weight in the baggage compartment(s)?  |  |  |  |  |  |
| 8.  | What is the useful load of this aircraft?  |  |  |  |  |  |
| 9.  | What is the payload of the aircraft with full fuel?  |  |  |  |  |  |
| 10. | Describe the electrical system. What type is it, how many volts, how is the battery charged? |  |  |  |  |  |
| Sec | tion 2 LIMITATIONS   |  |  |  |  |  |
| 1.  | Is this a/c rated for IFR flight operations?   |  |  |  |  |  |
| 2.  | Is this a/c rated for flight into known icing conditions?                                    |  |  |  |  |  |
| 3.  | What is the maximum demonstrated cross wind for this aircraft?                               |  |  |  |  |  |

## **American Flight Schools**

13000 E. Control Tower Rd, Unit K-16 Englewood, CO 80112

Tel: 303-799-6794



| $V_{SO}$    | V <sub>NO</sub>          |
|-------------|--------------------------|
| $V_{\rm S}$ | $V_{ m NE}$              |
| $V_X$       | $ m V_{FE}$              |
| $V_{Y}$     | $V_{LE}$                 |
| $V_{G}$     | $V_{LO}$                 |
| $V_{A}$     | V <sub>YSE (multi)</sub> |
| $V_R$       | V <sub>MC (multi)</sub>  |

### **Section 3 EMERGENCY PROCEDURES**

| 1. | State procedures | for E | NGINE | <b>FAILURI</b> | E IMMEDL | ATELY | <b>AFTER</b> | TAKEOFF. |
|----|------------------|-------|-------|----------------|----------|-------|--------------|----------|
|----|------------------|-------|-------|----------------|----------|-------|--------------|----------|

 $2. \quad \text{State procedures for ENGINE FAILURE DURING FLIGHT}.$ 

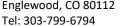
3. State procedures for FIRE DURING START.

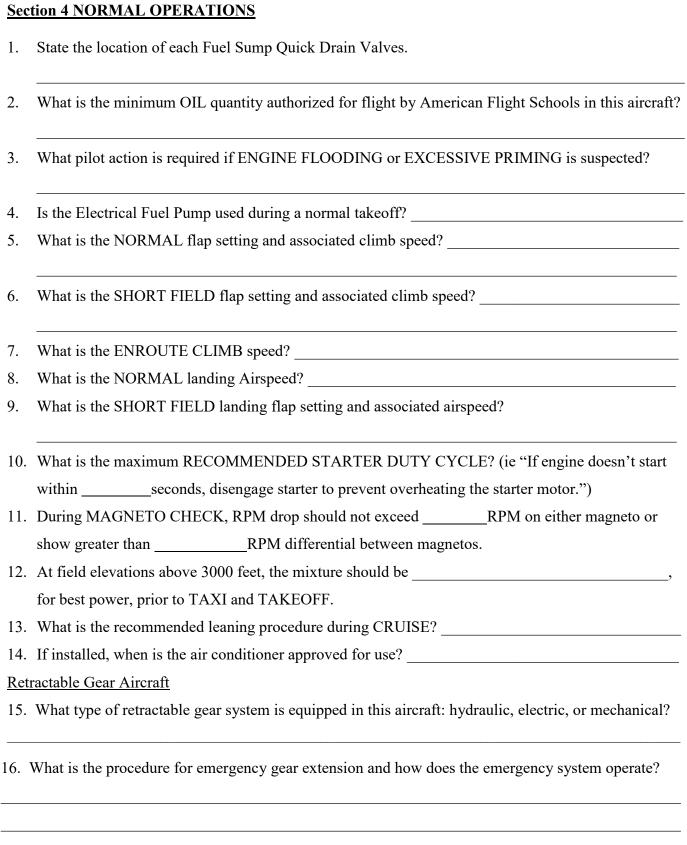
4. State procedures for FIRE IN FLIGHT

5. State procedures for SPIN REVOVERY?

#### **American Flight Schools**

13000 E. Control Tower Rd, Unit K-16 Englewood, CO 80112





American Flight Schools 13000 E. Control Tower Rd, Unit K-16 Englewood, CO 80112

Tel: 303-799-6794



#### Section 5 PERFORMANCE

| BCC           | tion 5 1 Ex | TORMANCE   |
|---------------|-------------|--|
| 1.            | What is the | e takeoff distance at 6000' Pressure Altitude and 30° C? Over a 50ft obstacle?   |
| 2.            |             | e maximum rate of climb at 6000' Pressure Altitude and 30° C? (MULTI- what is the single-engine rate of climb or service ceiling as applicable?)   |
| 3.            |             | he POH values for Power Settings, TAS and GPH at 65% power, 8000' Pressure Altitude, and Temperature?  |
| 4.            |             | I fuel load at 75% power and 9,000' Pressure Altitude, allowing for 45 mins reserve, what imum endurance?  |
| 5.            | What is lar | nding distance at 6000' Pressure Altitude and 30° C?   |
| <u>Sec</u> 1. | Complete a. | GHT & BALANCE/EQUIPMENT LIST a TOLD Sheet Determine Pressure Altitude and Density Altitude for current conditions Perform Weight and Balance calculation, (use actual weights if known), if not:  i. Full Fuel ii. Front Passenger weight = 170lbs iii. Rear Passenger weight = 80lbs iv. Cargo weight = 30lbs |
| Pilo          | t Name      | Pilot Signature  |
| CFI           | Name        | CFI Signature  |
| Dat           | e           |  |