

# COMPLEX / HIGH PERFORMANCE SINGLE ENGINE CHECKOUT

## PROPELLER SYSTEM

1. When RPM is increased by the pilot, explain what happens to the propeller and how this occurs: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
2. What happens when the RPM is decreased? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
3. You initiate a climb, do you increase RPM first then manifold? Explain: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
4. What causes propeller over-speed and what should you do if this should occur? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## GEAR SYSTEM

1. What type of gear system is this airplane equipped with? \_\_\_\_\_  
\_\_\_\_\_ Explain the gear system: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
2. While taxiing, you bring the gear lever to the up position. What might happen?  
\_\_\_\_\_  
\_\_\_\_\_
3. What are the unsafe gear indications? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
4. What is the emergency gear extension procedure? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## **ENGINE**

1. What is the recommended use of cowl flaps? \_\_\_\_\_

\_\_\_\_\_

2. Explain the purpose of a turbo: \_\_\_\_\_

\_\_\_\_\_

3. What precautions should be used? \_\_\_\_\_

\_\_\_\_\_

4. Explain how the turbo functions in this specific aircraft: \_\_\_\_\_

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