

# Shoreline Flying Club

## Complex / High Performance Airplane Questionnaire

Aircraft Make/Model/ Year: \_\_\_\_\_  
Name: \_\_\_\_\_

Instructor: \_\_\_\_\_  
Date: \_\_\_\_\_

### Propeller / Engine control

1. How does the propeller control change RPM? \_\_\_\_\_  
\_\_\_\_\_
2. What is the control sequence to reduce power? \_\_\_\_\_  
\_\_\_\_\_
3. What is the control sequence to add power? \_\_\_\_\_  
\_\_\_\_\_
4. If the engine RPM suddenly increases, what should you do to control it, and what are the possible problems? \_\_\_\_\_  
\_\_\_\_\_
5. When should cowl flaps be opened / closed? \_\_\_\_\_  
\_\_\_\_\_
6. What is the preferred engine operating temperature? \_\_\_\_\_
7. What problem is caused by rapidly reducing power and descending at high airspeed? \_\_\_\_\_  
\_\_\_\_\_
8. At what rate should power be reduced when descending from cruise flight to the landing pattern? \_\_\_\_\_  
\_\_\_\_\_

### Landing Gear System

1. What is the power source for the landing gear system? \_\_\_\_\_  
\_\_\_\_\_
2. How do you preflight the landing gear system? \_\_\_\_\_  
\_\_\_\_\_
3. What keeps the gear from retracting on the ground? \_\_\_\_\_  
\_\_\_\_\_
4. What are the landing gear speed limitations for the checkout aircraft? \_\_\_\_\_  
\_\_\_\_\_
5. What are the indications for normally extended /locked landing gear? \_\_\_\_\_  
\_\_\_\_\_
6. What are the indications for normally retracted landing gear? \_\_\_\_\_  
\_\_\_\_\_
7. What are the indications for gear extended but unsafe? \_\_\_\_\_  
\_\_\_\_\_

8. When should landing gear be retracted? \_\_\_\_\_  
\_\_\_\_\_
9. When should landing gear be extended? \_\_\_\_\_  
\_\_\_\_\_
10. Describe the standard pre-landing gear extension checklist (GUMPS or CCGUMPSF): \_\_\_\_\_  
\_\_\_\_\_
11. What should you do if you do not get a green light (or 3 green lights) when the gear are extended? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
12. Describe the emergency gear extension procedure: \_\_\_\_\_  
\_\_\_\_\_
13. What should be done if the gear cannot be confirmed down? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_