

LS4 Review

General

1. Wing Span
2. Length
3. Empty weight
4. Gross weight
5. Minimum Pilot weight
6. Wing loading
7. Rough Air Speed
8. Stall Speed Spoilers Retracted
9. Stall Speed Spoilers Extended
10. Vne
11. Maximum Aero Tow Speed
12. Maximum Ground Launch Speed
13. Minimum Sink Speed at Gross Weight
14. Best L/D Speed at Gross Weight
15. Maximum Speed to Extend
 - a. Landing Gear
 - b. Spoilers
16. Maximum G Loading
17. Traffic Pattern speed Calm wind conditions

System Review

1. Which Instruments are connected to the TE Probe
2. Where are the Static Ports
3. Where is the Pitot Tube
4. Landing Gear
 - a. How do you retract the Landing Gear
 - b. What must you do prior to Extending the Landing Gear
5. Electrical
 - a. Where is the Battery located
 - b. How many fuses are installed in the cockpit
 - c. What is the voltage of the Battery
 - d. Where is the Master Switch
 - e. Is there a Secondary Battery

6. Water ballast tanks
 - a. Where are the fill ports and drain ports for the Ballast tanks
 - b. How is the drain valve actuated
7. How do you adjust the rudder pedals
8. How do you adjust the Seat Back
9. How is the canopy opened normally and how is it Jettisoned
10. What type of Tow Hooks are installed
11. What type of Tow Ring must be used
12. What type/color of Tost Weak Link is used for Ground Launch
13. Where is the Release actuator

Operations

1. Describe the correct takeoff procedure
2. What is the correct procedure for landing
3. When do you retract the Landing Gear
4. When do you extent the Landing Gear
5. How do you know the Spoilers are correctly Closed (Stowed)
6. Where is the Pitch Trim Control
7. How is the Pitch Trim Actuated
8. Where are the Control Hookups
9. How do you inspect the connections
10. How many Main-Wing Pins
11. Where is the Horizontal Stabilizer Locking Ring
12. How is the Locking Ring adjusted