

Glider Annual Information

December 3, 2012

Materials

Lacquer Thinner
Simple Green
Marvins Mystery Oil and Syringe
Canopy cleaner
Cloth Tape – 1.5 inch, Safety Tape – $\frac{3}{4}$ inch, Flexible Wing tape – $\frac{3}{4}$ inch
Small Bucket and rags
White Lithium Grease
Hard Wax

Tools

Hair Drier
Cordless Screw Gun
Phillips Head and Flat Head Screwdriver
Vacuum Cleaner
3000 RPM Buffer

Pre Annual Checklist

Disassemble Glider and move to shop
Wipe off all bugs with warm water
Remove all tape on Ailerons and Elevator – use hair drier to help removal of tape
Remove ALL tape residue on Fuselage, Wings and Elevator
Wipe of all grease off wing pins
Remove Seat Pan and Vacuum all dirt out of fuselage
Use Simple Green as necessary to clean bottom of fuselage
Oil all joints with syringe in Fuselage with Marvin Mystery Oil
Oil all joints in landing gear if retractable
Oil all hinges on wings, aileron, spoiler boxes and rudder
Clean and Lubricate Rudder Pedal Slides
Hard Wax entire glider

After Annual

Install Seat Pan
Cloth Tape Aileron and Elevator with controls disconnected
Add $\frac{3}{4}$ wide safety tape to Aileron and Elevator
Put White lithium grease on all pins just prior to assemble
Assemble Glider
Tape with $\frac{3}{4}$ wide flexible tape
Clean Canopies

Other

Machine wash canopy covers
Clean Seats using Automotive Foam Carpet Cleaner