

AIRCRAFT MAINTENANCE

Included in this section of the manual is the engine run up log. This follows the same break in procedure as the Rotax manual. Refer to the Rotax manual for additional information. The chart provided in this manual provides space for gauge readings and location for any notes regarding engine run up and performance.

The aircraft statistics page is provided to record engine and aircraft data at different propeller pitch settings. This will be helpful in determining the pitch for your engine/aircraft/propeller combination and will provide a useful reference for future propeller changes.

A maintenance schedule has been provided and should be used as an aid in developing a regular maintenance program for the aircraft. The maintenance inspection program should go much more in depth than the preflight inspection. During the maintenance inspection look for elongated holes, flaws in parts such as bends and cracks and part wear. Chipped paint may have resulted from part bending or stretching and is a good indicator of problems. Also, check all cables and nico connections for wear and tightness. The maintenance schedule lists a part or system followed by important areas to check on that part or system. First, inspect the entire part or system for abnormalities, if it checks ok, then double check for the details that follow. The inspection should be completed before the initial flight and every 25 hours thereafter. Please follow the maintenance schedules provided by the engine and propeller manufacturers.

Also provided are regular logs for the aircraft, engine and propeller. These logs should contain information regarding any repairs, changes or modifications made to that system. The more complete and accurate the logs are kept, the better they will aid in any future problems or modifications.

The aircrafts interior and exterior can be cleaned with soap and water. When cleaning the interior, avoid getting any water on the electrical system and dry the interior when complete. Do not scrub the Lexan surface with soap and water. If the Lexan needs more than a rinse, it may be cleaned with furniture polish and a soft cloth or shammy.

