



LSA Maintenance and Inspection Regulations Made Easy

Repairman Inspection Rating (ELSA only- does not apply to SLSA)

This rating allows you to conduct the annual condition inspection on an E-LSA you own. It requires the successful completion of an FAA accepted, 16-hour course on the inspection of your particular class of LSA.

Repairman Maintenance Rating (for SLSA)

This rating allows you to perform maintenance and the annual condition inspection on S-LSA's and E-LSA's for compensation or hire. It requires the completion of a course on the maintenance requirements of various light-sport aircraft

The minimum training time for each class is:

Class	Minimum Hours of Instruction
Airplane	120 hours
Weight-shift control	104 hours
Powered parachute	104 hours
Lighter than air	80 hours
Glider	80 hours

The maintenance rating allows you to **commercially** maintain, repair, and perform the annual condition inspection on all Special-LSAs and condition inspections on Experimental-LSAs in that class as well as your own SLSA. What repairs and maintenance you can perform are specifically authorized in the aircraft manufacturer's maintenance manual.

Your Rotax Certification:

You do not need any training to maintain a Rotax on an ELSA aircraft

You **must** have Rotax training to maintain and inspect an SLSA – **even if you are an A & P**

The Rotax training is available on three levels Service, Maintenance, and Heavy Maintenance

The Rotax Certificate DOES NOT stand alone.

The service level allows an owner do perform preventive maintenance as allowed by the manufacturer's manuals.

The Maintenance Course and Heavy Maintenance Course, while useful information and excellent for the owner of an ELSA will NOT allow an owner to perform maintenance on an SLSA without the Repairman Maintenance Rating or an A & P as listed in the manufacturer's manual.

A person must have the LSRM or an A & P and the Rotax certificate

We have an agreement with Rotax that recognizes the LSRM Rainbow course as equivalent with the Rotax service level . This is valid for 2 years from the date of the LSRM Training and then there is a requirement to take the service class again as recurrent training. Each Rotax course has a 2 year recurrent requirement.