

SECTION 4.1.1**CRITERIA FOR ASSESSMENT OF RA-Aus MEMBERS FOR
RA-Aus LEVEL TWO and Level FOUR MAINTENANCE
AUTHORISATIONS****INTRODUCTION**

1. Technical maintenance is a combination of skill of hand, knowledge pertinent to the application of that skill and knowledge of the regulations. To competently examine an applicant, a combination of theory and practical tests would need to be successfully completed by the applicant. To acknowledge the wealth of technical skills held by RA-Aus members, a process of assessment has been introduced until formal qualifying courses can be put in place.
2. The assessment process begins with the applicant completing a Maintenance Authorisation Application [see Annex A], which is available from the RA-Aus Office. This completed proforma is assessed by the RA-Aus Technical Manager for:
 - a. a recognised mechanical hand skill or equivalent,
 - b. extensive recreational experience or equivalent, and
 - c. recommendations from two peers
3. Applicants must provide as much detail as possible to substantiate their claims under paras 2 a. and b. above. Suitability for acceptance will be based on the claims made in the application and the recommendation from two peers who currently hold a Level 2 Maintenance Authority or equivalent qualifications. Applicants are to complete the form at Annex A to this Section and forward the completed form to the RA-Aus Office.
4. All applicants must be financial members of RA-Aus prior to the authorisation being approved.
5. The RA-Aus Technical Manager's assessment can be challenged in writing to the RA-Aus Board within 28 days of the decision being communicated to the applicant.

SECTION 4.1.1 Annex A**NOTES ON APPLICATIONS FOR RA-Aus LEVEL TWO
MAINTENANCE AUTHORITIES**

A Maintenance Supervisor Questionnaire is to be completed by all applicants for RA-Aus Level Two Maintenance Authorities. Three criteria are set for assessing applicants for Level Two Maintenance Authorities and determining if a person has the experience and skills necessary to qualify for the issue of a Level 2 Maintenance Authority.

RA-Aus Level 2 Maintenance Authority holders accept a high degree of responsibility for the maintenance and serviceability of recreational aircraft. They are the RA-Aus's equivalent of heavier aviation's LAME's who are required to pass significant written examinations and have at least 4 years experience in the aviation industry before being qualified. While recreational aircraft (ultralights) may be simpler than most of the aircraft on the CASA register, once airborne there is little difference to the outcome if inappropriate maintenance practices are perpetrated.

In applying for a RA-Aus Level 2 Maintenance Authority RA-Aus members must list **IN DETAIL** their formal technical training and qualifications they have in the technical trades. Fitting and Turning Certificates, TAFE Certificates etc should all be copied and forwarded with the application. Details of experience in one or more of the trades should be outlined in detail. Where this qualification is of only marginal relevance to aviation maintenance a connection should be established.

The second criterion is experience in working on recreational aircraft. Again, list **IN DETAIL** all work performed on recreational aircraft noting the nature of the work done and the aircraft types involved. More, rather than less detail should be included and the work should be able to be substantiated, if possible. Any information forwarded with the application will not be used to prosecute members who may have been undertaking maintenance work "illegally".

To assist RA-Aus in assessing an applicant, the applicant is to obtain the recommendation of two peers to the effect that they consider the applicant has the experience and responsibility to be granted a RA-Aus Level 2 Maintenance Authority. The recommendation may be from either two current holders of Level 2 Authorities or from one Level 2 and a LAME. A Form that may be signed to meet this requirement is also attached.

When issued RA-Aus Level 2 Maintenance Authorities may be unlimited or may be restricted to permitting the applicant to work on specific aircraft, specific types of aircraft, or only on specified components, for example engines. When forwarding the application and other paperwork, applicants should specify if they wish to have the Authority limited to specific aircraft types or components. Notwithstanding any such request, RA-Aus may limit Authorities at the discretion of the RA-Aus Technical Manager, in the interest of flying safety.

RA-Aus is developing courses for recreational maintenance, including engine maintenance, in the near future, these are not prerequisites for the approval of a RA-Aus Maintenance Authorisation. There is currently no compulsory training neither required for the acceptance of an application for a L2 maintenance Authorisation nor is there likely to be a training requirement. The issuing of an RA-Aus Maintenance Authorisation is primarily based on experience with recreational aircraft maintenance, similar general aviation maintenance experience, allied trade qualifications and experience and the benefit to RA-Aus members.

Level 4 (Amateur Built Inspector Applications [ABI])

Members who hold suitable CASA issued AME Licenses or equivalents acceptable to RA-Aus may also apply for an Amateur Built Inspector Authorisation (Level 4 (ABI) Authorisation), this is made on a separate application, but the applicant for a L4 Maintenance Authorisation must hold a Level 2 Maintenance Authorisation prior to making the application or co-incident with it.

If there is a specific requirement for a L4 in a particular area, an application for a L4 (ABI) authorisation can be made by a RA-Aus member who is an experienced L2 but does not hold an AME Licence. Before an application in this instance can be assessed, the applicant must show a definite need (there are no L4s within a reasonable distance, and they MUST show full justification (including all appropriate documentation) references from local RA-Aus members holding a position of Authority (i.e. the local CFI) and the Local L3 as to why they should be considered. (Note in this case the applicant is recommended by RA-Aus but is approved by CASA).

Note: applications for L4 accreditation without full justification and at least a recommendation of the local L3 cannot be accepted. Your justification/s and references will be checked.

The form in this section (Section 4.1.1 Annex B) may be used.

SECTION 4.1.1 Annex A

RA-Aus LEVEL 2 MAINTENANCE AUTHORISATION APPLICATION

Personal Details

Member No: _____ Name (in full) _____
Address: _____
Phone: _____ Fax: _____
Age: _____

Reasons for Requiring L2 Maintenance Authority

Reasons and justification for requiring a L2 Maintenance Authority: _____

State nature of approval requirement such as: the type recreational aircraft maintenance work you are requesting i.e. will be largely for private owners, or recreational flying school, or for some other organisation. In the case of Schools or Organisations, please advise the schools details, including types and numbers of aircraft they operate.

Formal Technical Training

Technical Training Institution(s) Attended: _____

Periods of Employment in a Technical Capacity: _____

Highest Trade Level Attained: _____

Indentured Apprenticeship: _____

Disciplines (trades) for which qualified: _____

What Accreditation has been awarded for the formal training (copies of certificates to be included): _____

Aeronautical Experience

Highest CASA maintenance (or other airworthiness authority) qualifications held, and periods:

Aeronautical Equipment Types worked on: _____

Level of Repairs undertaken on Equipment: _____

Recreational aircraft types on which maintenance has been conducted: _____

Recreational aircraft, Re-design work undertaken: _____

Recreational aircraft Components or Equipment manufactured (type & numbers):

Experience

Periods of Employment: (in a maintenance capacity) (please indicate the employers details) _____

Equipment worked on during the periods of employment indicated above: _____

Maintenance skill and supervisory level(s) achieved while in employment: _____

Maintenance Supervisory Responsibilities held (and periods): _____

Workshop Facilities you have or have access to

Location of Workshop: _____

Workshop Floor Space: _____

Workshop Machinery: _____

Date Established: _____

CASA Maintenance Accreditation (if any): _____

SECTION 4.1.1 Annex A
(COMPULSORY)

RECOMMENDATION FOR ISSUE OF RA-Aus LEVEL TWO
MAINTENANCE AUTHORITY

- Two recommendations are required.
- Persons signing this form should be holders of a current CASA LAME licence or a RA-Aus Level 2 Maintenance Authority.

Applicant:

Name:.....

Address:.....

First Referee

I, the undersigned, have known the above applicant for over..... years and I am fully familiar with the applicant’s technical training, work and expertise in maintaining recreational or other aircraft. I believe the applicant has demonstrated a satisfactory standard in approach to the maintenance of recreational aircraft and is fully aware of the responsibility and professionalism needed by the holder of a RA-Aus Level 2 Maintenance Authority.

Name.....Signature.....

Company.....Contact Number.....

LAME/RA-Aus Level 2 Authority Number.....

Position.....

Second Referee

I, the undersigned, have known the above applicant for over..... years and I am fully familiar with the applicant’s technical training, work and expertise in maintaining recreational or other aircraft. I believe the applicant has demonstrated a satisfactory standard in approach to the maintenance of recreational aircraft and is fully aware of the responsibility and professionalism needed by the holder of a RA-Aus Level 2 Maintenance Authority.

Name.....Signature.....

Company.....Contact Number.....

LAME/RA-Aus Level 2 Authority Number.....

Position.....