



THE GLIDING FEDERATION OF AUSTRALIA INC.

TRADING AS GLIDING AUSTRALIA

ABN 82 433 264 489

C4/1-13 The Gateway, BROADMEADOWS, VICTORIA 3047
PHONE +61 (0) 3 9359 1613, FAX +61 (0) 3 9359 9865
www.glidingaustralia.org

Application for Approved Maintenance Organisation (AMO) Status

Introduction:

MOSP 3 requirements state that all persons undertaking Sailplane inspection, servicing and repair for hire and/or reward must hold the status of Approved Maintenance Organisation. The AMO status must remain in effect during the conduct of any activities mentioned in their approved scope of work. This form is to be used for all AMO initial and renewal applications.

AMO Application procedure:

1. Application made using this form and applicable fee paid via the online shop.
2. EMA or delegate performs assessment of applicant and their workshop premises against requirements.
3. EMA approves AMO application, updates records, enters approval scope and any limitations.
4. Issues Certificate of Approval.

APPLICANT DETAILS:

☐ Initial Application ☐ Renewal Application

Applicant Name:

Applicant Address:

Contact Phone Number: () Mobile:

Contact Email address:

GFA Membership # Affiliated Club:

- ☐ I have read and understand CASA Advisory Circular AC145-2(0) regarding Human Factors Guidelines for Aircraft Maintenance (Released NOV 2011)
- ☐ I understand that all airworthiness activities undertaken after receiving AMO Status will be in accordance with the current MOSP3 requirements

Applicant Signature: Date:

Note: In signing this application, you verify all information presented in the application to be complete and accurate to the best of your knowledge. Incorrect or false information may affect the outcome of your application. Further, you are making a self declaration that you satisfy the requirements for AMO status, as outlined in this application and the GFA MOSP3.

5.

BUSINESS DETAILS:

Registered Business/Trading Name:

Workshop Address:

Workshop Phone: ABN:

Nominated Chief Engineer:

Address:

Contact Phone Number: () Mobile:

Contact Email address:

GFA Membership # Affiliated Club:

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CHIEF ENGINEER QUALIFICATIONS:

CASA ARN: Year of MA Issue:

MA Issued by:

Trade or Tertiary studies:

Further qualifications:.....

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Maintenance Authority Airframe Endorsements: (Tick relevant)

Annual Inspection:

☐ WOOD ☐ METAL ☐ FRP ☐ STEEL TUBE

Approved Modifications:

☐ WOOD ☐ METAL ☐ FRP ☐ STEEL TUBE

Minor Repairs:

☐ WOOD ☐ METAL ☐ FRP ☐ STEEL TUBE

Major Repairs:

☐ WOOD ☐ METAL ☐ FRP ☐ STEEL TUBE

Survey & Life Extension Ratings:

☐ WOOD ☐ METAL ☐ FRP ☐ STEEL TUBE

Other:

☐ Weight and Balance

Other endorsements:.....

Maintenance Authority Engine / Motor / Propeller Endorsements:

(A) Engine/Motor.....

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(B) Propeller

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(C) Engine systems Retraction/ Extension

System.....

Outline the scope of the AMO approval sought:

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For Office Use only:

Application Received:

Has above information been verified in database?

☐ Yes

Date:

Application Fee Received, Tax Invoice processed and sent?

☐ Yes

Is application complete and supporting documents received?

☐ Yes.

Has application been forwarded to EMA for Action?

☐ Yes.

Date:

ANNEX A – AMO REQUIREMENTS

Specified AMO requirements are largely based on the intent of CAAP 30-4(1), the CASA document released for guiding AMO applicants in the GA industry. The expectation is that the *minimum* standards will be met by commercial organisations performing sailplane inspection, repair and servicing on behalf of its members. These requirements are based on safety, economy of effort and industry best practice.

It is realised that most AMO entities are a small operation involving only one or two people and that onerous requirements will prohibit many potential AMOs from operating. With this in mind, these requirements are tailored to suit Airworthiness's specific needs and desired outcomes.

IMPORTANT

An AMO may only maintain sailplanes, sailplane components or sailplane materials for which it is approved when all necessary facilities, tools, equipment, aircraft materials, approved technical data and certifying employees are available.

AMO SAFETY MANAGEMENT SYSTEM

An AMO must have a written safety management system (*SMS*), which must, as a minimum, include:

1. A statement of the AMO's safety policy and objectives, including documented details of the following:
 - a. the management commitment to, and responsibility for, safety risk management.
 - b. the AMO drug and alcohol policy.
 - c. the safety related accountabilities of the Chief Engineer.
 - d. the relevant third-party relationships and interactions; and
2. The communications plan for defect reporting and rectification. This should include:
 - a. Procedures for recording the defect.
 - b. Advising findings to EMA and RMA (Complete SOAR SDR report).
 - c. Reporting to the owner/operator the defects found; and
 - d. Liaison with the aircrafts type certificate holder.

AMO FACILITIES

An AMO must have appropriate facilities for the provision of maintenance and inspection activities as specified in the Certificate of Approval. In particular, the facilities must be to a standard that provides an environment that:

1. Is appropriate to the weather conditions that prevail at the time that the maintenance is carried out; and
2. Allows maintenance to be carried out:
 - a. at a comfortable temperature; and
 - b. with appropriate levels of lighting; and
 - c. without undue noise distraction; and

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3. Segregates specialised workshops and bays to avoid environmental and work area contamination (Spray Painting); and
4. Keeps airborne contamination, including dust, to a level that does not result in visible aircraft or aeronautical product surface contamination; and
5. For aeronautical product maintenance, provides workshops that are large enough to accommodate the product or planned maintenance.

An AMO must provide storage facilities for aeronautical products, equipment and tools, which:

1. Segregate serviceable aeronautical products, equipment and tools from unserviceable aeronautical products, equipment and tools; This should include a tagging or labelling system; and
2. Comply with manufacturers' instructions for keeping the equipment, tools or products in a serviceable condition.
3. Provide a separate storage area for non-aeronautical products and consumables to prevent contamination.

TOOLS EQUIPMENT AND MATERIALS

An AMO must have adequate tools, equipment and materials to enable it to provide maintenance services for which the AMO has an approval rating and:

1. Where the maintenance data specifies a particular tool or equipment must be used in the maintenance of the aircraft or aeronautical product, the AMO must use that tool or equipment.
2. The tooling and equipment must be permanently available or, where a tool or equipment is infrequently used, a method of access to that tool or equipment must be described in the AMO's Procedures Manual/SMS; and
3. Sufficient aircraft supporting equipment and inspection aids to properly carry out its approved scope of maintenance.

An AMO must ensure that all tools, equipment and, particularly, test equipment be in a satisfactory condition to successfully perform the function intended. Sensitive measurement equipment should be separated and stored appropriately. There is a requirement for periodic check and recalibration of measurement equipment. The period and method for recalibration must be listed in the company Procedures Manual. In most cases precision measurement equipment such as micrometers etc have a 'standard' with which to calibrate the instrument.

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Office Use Only: To be completed by the EMA or Delegate:

Date application Received: Contact with AMO Applicant made (Date)

Agreed Inspection Date and Time:

Information verified through Salesforce Database:Any discrepancies noted?
Yes/No

- ☐ MA endorsements appropriate for AMO status
- ☐ Applicant/Chief Engineer deemed Suitable
- ☐ Desktop inspection successful
- ☐ Workshop inspection successful
- ☐ All requirements met, Certificate of Approval issued

EMA Signature..... Date

Note: This date is when the AMO status is effective and constitutes the anniversary date for renewal.

ANNEX B AMO ASSESSMENT CRITERIA AND SURVEILLANCE AUDITING

AMO Application Inspection / Surveillance Audit Check list

PART 1: Desktop Assessment

1. Does the applicant have an adequate (documented) procedure in place for replacement parts ordering and tracking? ☐ Yes. Initials
2. Does the Applicant have a documented SMS as required in Annex B ☐ Yes. Initials
3. Does the applicant have adequate Job sheet recording, including (*Tick*):
 - ☐ Detailed Activity statements recording (Systems disconnected, tested – results, who did what, when)
 - ☐ Replacement parts recording
 - ☐ Consumables recording (resin batch dates etc)
 - ☐ Engineering Order References and copies
 - ☐ Release note capture for parts replacement
 - ☐ Defects and noteworthy issues to be retained
 - ☐ Calibration statement for precision measurement tools used
 - ☐ Determination and recording of current maintenance manuals used, Airworthiness Directives and release dates etc.
 - ☐ Schedule of second inspection of substraight of each component prior to refinishing. Localized repairs excluded.
4. Does the applicant have a Quality Management system and documentation, including archives of past job sheets for auditing and reference. ☐ Yes. Initials

Desktop Assessment Notes:

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IMPORTANT

This assessment does not attest to the compliance of the applicant AMO with regard to State and Federal workplace laws and requirements. Each AMO applicant should conduct their own OH&S assessments and put in place effective controls for these requirements.

This assessment is solely focused on the determination of adequacy of the AMO applicant including their facilities and systems, against GFA requirements, for the conduct of Sailplane inspection and repair activities in accordance with the MOSP3.

Of primary importance during the conduct of this assessment is determining whether the AMO applicant has the necessary space, equipment and procedures for the effective and safe management of airworthiness activities, for and on behalf of members of the GFA.

PART 2: Workshop Assessment

Note: For each requirement below, a detailed colour photograph is required to be inserted into the assessment report and used to record compliance with the requirements. Storage of these photographs is required in the AMO Application folder for future reference. One photo may capture multiple requirements, however all must be captured.

1. Does the applicant have a suitable workshop facility for the conduct of Sailplane maintenance and repair relevant to the scope of the approval they are seeking?

General Sailplane Inspection Work (ALL WORKSHOPS):

- ☐ Adequate administration area
- ☐ Registered Business certificate displayed in the workshop
- ☐ Perform a random inspection of the requirements outlined in Annex A
- ☐ Adequate sailplane protection (protection from elements, animals, accidental damage, contamination)
- ☐ Adequate space including a sealed floor, dedicated storage areas
- ☐ Adequate lighting
- ☐ Adequate ventilation
- ☐ Adequate signage
- ☐ Appropriate tooling and control methods
- ☐ Adequate maintenance ground support equipment (appropriate wing stands etc)
- ☐ Quarantined parts, tool, equipment and consumables storage and segregation
- ☐ Adequate and clean/ clear workshop benches
- ☐ Correct storage and identification of maintenance materials and parts
- ☐ First Aid Kit
- ☐ Component wash-down facilities
- ☐ Material Specification Data Sheet availability
- ☐ Oxygen storage
- ☐ Adequacy of fire extinguishers, water hoses and/or absorbent material
- ☐ Availability of dust masks, eye protection and protective gloves
- ☐ Provision of earth leakage protection

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Fibreglass and Wood Repair work:

- ☐ Paint and paint removal segregation
- ☐ Dust extraction
- ☐ Clean storage for bulk fibreglass/wood /Fabric stores
- ☐ Refrigeration for resin and other temperature sensitive consumables

Engine servicing:

- ☐ Torque wrenches
- ☐ Precision Measurement Equipment
- ☐ Steel bench tops for engine component inspection and assembly

Document Control and Internet:

- ☐ Internet access
- ☐ NAA and GFA website access
- ☐ Ability to obtain NAA AD data
- ☐ Ability to access manufacturer's website
- ☐ Acceptable document control and retention
- ☐ Current Procedures Manual and SMS

2. Does the applicant have adequate separation from other activities conducted within the workshop?

- ☐ Adequate Separation from other activities

Notes:

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ANNEX C – SAILPLANE CHECKLIST

AMO Maintained Sailplanes Inspected:

(Detailed reports for individual sailplanes audited must be listed below and should follow the format shown in the Annex 1 Template)

1		
2		

AIRWORTHINESS AUDIT DETAILED SAILPLANE REPORTS

(Use a copy of the inspection template shown for each sailplane detailed inspection report. If required add additional written information below the template to provide a full account of the airworthiness status of each sailplane inspected)

Auditors Sailplane Inspection Template

Sailplane		VH-
Documentation	<p>Is a full set of documentation available?</p> <ul style="list-style-type: none">- Flight Manual?- Maintenance Manual- Full set of applicable GFA General and Specific ADs?- Full set of NAA AD's- Are the AD's current issues?- Is the Specific Type AN available?	
Logbook	<p>Is the Logbook available?</p> <ul style="list-style-type: none">- Is it up to date?- Are the entries complete?- Is sufficient detail included?	

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	<ul style="list-style-type: none">- Does the person signing it out hold a Form 2 ticket?- Where was the last Form 2 inspection carried out?- Have any major inspections 3000 h, 20y, 30y etc been overlooked?- Are the CofR and CofA in the Log Book?	
Maintenance Release	<p>Is the Maintenance Release in the glider?</p> <ul style="list-style-type: none">- Is it current?- Have all sections been completed?- Are all signatures and dates included?- Has the person signing it out a Form 2 ticket?- How many hours has the glider flown since the Form 2 inspection?- How many launches has it had?- Has the lubrication schedule been complied with?	
Cockpit Placards	<p>Are the necessary placards in place?</p> <ul style="list-style-type: none">- Are they current?- Are weight and balance requirements included and clear?- Is the registration placarded in a flameproof material?	
Sailplane Inspection	<p>Perform a Daily Inspection on the glider</p> <ul style="list-style-type: none">- How many hours has the glider flown?- What is the general condition of the glider?- Are any deficiencies evident?- Have any items requiring attention at the next Form 2 inspection been identified?	

Overall Audit Comments

(Enter overall comments here)

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ANNEX D – AMO NON-COMPLIANCE NOTICE

AMO Applicant:
Date NCN is raised:
NCN raised by:

Nature of the NCN:

What corrective action must be taken by the Applicant to resolve the NCN:

Due date for compliance:

Has the AMO Applicant received counselling? Yes / No
Is an Enforceable Voluntary Undertaking (EVU) Necessary: Yes / No
Agreed date of NCN rectification:

EMA/CAP Signature:..... Date:

Office Use Only:	
NCN Entered in Salesforce.....	Date:.....
NCN Closed by:	Date:
NCN Placed on AMO File: <input type="checkbox"/> Completed. Initials:	RMA Notified: <input type="checkbox"/> Yes

EMA/CAP Certification of Corrective Action Compliance:

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ANNEX E - GFA Office Procedure for processing AMO Applications:

1. Receive AMO Application form and payment (Either initial or renewal)
 - a. Create an electronic folder for the AMO Application (initial)
 - b. Place a copy of the application in the folder
 - c. Record payment summary
 - d. Determine membership status of applicant and nominated Chief Engineer
 - e. Determine accuracy of GFA records with applicant data (Address, phone etc)
2. If application is complete with supporting documentation, send email to CTO outlining application received and include an electronic copy of the application in the email.
3. EMA assesses qualifications and experience of applicant and/or Chief Engineer for suitability of AMO status.
4. EMA to contact the applicant and arrange a suitable time for premises inspection.
5. EMA or their delegate to perform the inspection
6. Electronic Inspection report completed and placed on file including photographs
7. Feedback given to the applicant regarding the assessment outcome, including any NCNs necessary to rectify non-compliance issues discovered during assessment.
8. RMA mailing list notified of assessment outcome, notify Soaring Magazine editor of new AMO for inclusion into next MAG.
9. Diarise a calendar entry for AMO annual expiry date anniversary
10. Add AMO to GFA technical distribution list
11. Issue AMO Certificate of Approval and post certificate to applicant, place copy of certificate on file.
12. Close off application.