

GOVERNMENT NOTICE NO. published on.....

THE CIVIL AVIATION ACT
(CAP.)

REGULATIONS

(Made under Section)

THE CIVIL AVIATION (APPROVED MAINTENANCE ORGANISATION)
REGULATIONS, ...

ARRANGEMENT OF REGULATIONS

PART I
PRELIMINARY PROVISIONS

<i>Regulation</i>	<i>Title</i>
1.	Citation.
2.	Interpretation.
3.	Application.

PART II
CERTIFICATION

4.	Certificate and Specific Operating Provisions.
5.	Advertising.
6.	Application for an AMO Certificate.
7.	Issue of an AMO certificate.
8.	Validity and renewal of the certificate.
9.	Continued validity of approval.
10.	Changes to the AMO and certificate amendments.
11.	Ratings of the AMO.
12.	Limited rating to AMO.

13. AMO capability
14. Sub-contracted maintenance functions.
15. Safety Programme Management and System

PART III
HOUSING, FACILITIES, EQUIPMENT AND MATERIALS

16. General.
17. Housing and facility requirements.
18. Equipment, tools, and material.

PART IV
ADMINISTRATION

19. AMO personnel and training requirements.
20. Management personnel required for Aircraft Maintenance Organizations
21. Qualifications and Responsibilities of AMO personnel
22. Man hours.
23. Assessment of personnel.
24. Training of certifying staff.
25. Rest and duty limitations for persons performing maintenance functions in an AMO.
26. Record of certifying staff.

PART V
AMO OPERATING RULES

27. AMO maintenance procedures manual.
28. Maintenance procedures and independent quality system.
29. Capability list.
30. AMO privileges.
31. AMO limitations.
32. Certificate of release to service.
33. Maintenance records.
34. Airworthiness data.

35. Reporting of non-airworthy conditions.
36. Inspections.
37. Performance standards.

PART VI EXEMPTIONS

38. Requirements for application
39. Substance of the request for exemption

Review, Publication and Issue or Denial of Exemptions

40. Initial review by the Authority.
41. Evaluation of the request.

PART VII GENERAL PROVISIONS

42. Possession of the licence.
43. Access for inspection.
44. Drug and alcohol testing and reporting.
45. Display of certificate.
46. Inspection of licences certificates and authorizations.
47. Change of name.
48. Change of address.
49. Replacement of documents
50. Suspension and Revocations of certificates.
51. Use and retention of certificates and records.
52. Reports of violation.
53. Enforcement of directions
54. Aeronautical user fees.
55. Application of regulations to Government and visiting forces, etc.
56. Extra-territorial application of Regulations.

PART VIII
OFFENCES AND PENALTIES

- 57. Contravention of Regulations
- 58. Penalties.

SCHEDULES

FIRST SCHEDULE
Maintenance Procedures Manual Format.

SECOND SCHEDULE
Penalties

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PART I
PRELIMINARY PROVISIONS

- Citation. **1.** These Regulations may be cited as the Civil Aviation (Approved Maintenance Organisation) Regulations, 2006.
- Interpretation. **2.** In these Regulations, unless the context otherwise requires-
- “acceptable” means the Authority has reviewed the method, procedure, or policy and has neither objected to nor approved its proposed use or implementation;
 - “accountable manager” means the manager who has corporate authority for ensuring that all maintenance activities required by the owner or operator of an aircraft are financed and carried out to the standard required by the Authority;
 - “aeronautical product” means any aircraft, engine, propeller, or subassembly, appliance, material, part, or component to be installed thereon;
 - “aircraft” means any machine that can derive support in the atmosphere from the reactions of the air, other than the reactions of the air against the earth’s surface;
 - “aircraft component” means any assembly, item component, part of an aircraft up to and including a complete powerplant or any

operational or emergency equipment;

“aircraft type” means all aircraft of the same basic design;

“airframe” means the fuselage, booms, nacelles, cowlings, fairings, airfoil surfaces (including rotors but excluding propellers and rotating airfoils of a powerplant), and landing gear of an aircraft and their accessories and controls

“airworthiness data” means any information necessary to ensure that an aircraft or aircraft component can be maintained in a condition such that airworthiness of the aircraft, or serviceability of operational and emergency equipment, as appropriate, is assured;

“AMO” means Approved Maintenance Organisation;

“AOC” means Air Operator Certificate;

“appliance” means any instrument, mechanism, equipment, part, apparatus, appurtenance, or accessory, including communication equipment, that is used or intended to be used in operating or controlling an aircraft in flight, is installed in or attached to the aircraft, and is not part of an airframe, powerplant, or propeller;

“approved by the Authority” means approved by the Authority directly or in accordance with a procedure approved by the Authority;

“approved data” means technical information approved by the Authority;

“approved continuous maintenance program” means a maintenance program approved by the State of Registry;

“approved maintenance organisation” means an organisation approved to perform specific aircraft maintenance activities by the Authority;

“approved standard” means a manufacturing, design, maintenance, or quality standard approved by the Authority;

“article” means any item, including but not limited to, an aircraft, airframe, aircraft engine, propeller, appliance, accessory, assembly, subassembly, system, subsystem, component, unit, product, or part;

“Authority” means the [State] Civil Aviation Authority;

“calibration” means a set of operations, performed in accordance with a definite documented procedure, that compares the measurement performed by a measurement device or working standard for the purpose of detecting and reporting or eliminating by adjustment errors in the measurement device, working standard, or component tested;

- “certificate of release to service” means a document containing a certification that inspection and maintenance work has been performed satisfactorily in accordance with the methods prescribed by the Authority;
- “certifying staff” means personnel authorised by the approved maintenance organisation in accordance with a procedure acceptable to the Authority to certify aircraft or aircraft components for release to service;
- “composite” means structural materials made of substances, including, but not limited to, wood, metal, ceramic, graphite, boron, epoxy, plastic, fibre-reinforced built-in strengthening agents that may be in the form of filaments, foils, powders, or flakes, of a different material;
- “composite structure” means a type of aircraft structure made of plastic resins reinforced with strong light weight filaments;
- “computer system” means any electronic or automated system capable of receiving, storing, and processing external data, and transmitting and presenting such data in a usable form for the accomplishment of a specific function;
- “Contracting State” means a state that is signatory to the Convention on International Civil Aviation (Chicago Convention);
- “facility” means a physical plant, including land, buildings, and equipment, which provides the means for the performance of maintenance, preventive maintenance, or modifications of any article;
- “helicopter” means a heavier-than-air aircraft supported in flight chiefly by the reactions of the air on one or more power-driven rotors on substantially vertical axis;
- “housing” means buildings, hangers, and other structures to accommodate the necessary equipment and materials of a maintenance organisation that:-
- (a) provide working space for the performance of maintenance, preventive maintenance, or modifications for which the maintenance organisation is certificated and rated;
 - (b) assembly, and testing;
 - (c) provide structures for the proper protection of aircraft, airframes, aircraft engines, propellers, appliances, components, parts, and subassemblies thereof during disassembly, cleaning, inspection,

repair, modification; and

(d) provide for the proper storage, segregation, and protection of materials, parts, and supplies.

“inspection” means the examination of an aircraft or aircraft component to establish conformity with a standard approved by the Authority;

“maintenance” means tasks required to ensure the continued airworthiness of an aircraft or aircraft component including any one or combination of overhaul, repair, inspection, replacement, modification, and defect rectification;

“major modification” means a type design change not listed in the aircraft, aircraft engine, or propeller specifications that might appreciably affect the mass and balance limits, structural strength, performance, powerplant operation, flight characteristics, or other qualities affecting airworthiness or environmental characteristics, or that will be embodied in the product according to non-standard practices;

“major repair” means a repair of an aeronautical product that might appreciably affect the structural strength, performance, powerplant, operation flight characteristics, or other qualities affecting airworthiness or environmental characteristics, or that will be embodied in the product using non-standard practices;

“modification” means a change to the type design of an aircraft or aeronautical product which is not a repair;

“overhaul” means the restoration of an aircraft or aircraft component using methods, techniques, and practices acceptable to the Authority, including disassembly, cleaning, and inspection as permitted, repair as necessary, and reassembly; and testing in accordance with approved standards and technical data, or in accordance with current standards and technical data acceptable to the Authority, which have been developed and documented by the State of Design, holder of the type certificate, supplemental type certificate, or a material, part, process, or appliance approval under Parts Manufacturing Authorisation (PMA) or Technical Standard Order (TSO);

“powerplant” means an engine that is used or intended to be used for propelling aircraft, and it includes turbo, superchargers, appurtenances, and accessories necessary for its functioning, but does not include propellers;

“preventive maintenance” means simple or minor preservation

- operations and the replacement of small standard parts not involving complex assembly operations;
- “quality system” means documented organizational procedures and policies: internal audits of those policies and procedures: management review and recommendation for quality improvement.”
- “rating” means an authorisation entered on, or associated with a license or certificate and forming part thereof, stating special conditions, privileges or limitations pertaining to such license or certificate;
- “specific operating provisions” means a document describing the ratings in detail and containing or referencing material and process specifications used in performing repair work, along with any limitations applied to the maintenance organisation;
- “State of Design” means the Contracting State which approved the original type certificate and any subsequent supplemental type certificates for an aircraft, or which approved the design of an aircraft or aircraft component or appliance;
- “State of Manufacture” means the Contracting State, under whose authority an aircraft was assembled, approved for compliance with the type certificate and all supplemental type certificates, test flown and approved for operation; the State of Manufacture may or may not also be the State of Design;
- “State of Registry” means the Contracting State on whose registry an aircraft is registered.

Application.

3. These Regulations shall apply to all persons operating or maintaining aircraft registered in the [State] wherever they may be.

PART II CERTIFICATION

Certificate and
Specific
Operating
Provisions

4. (1) A person shall not operate as an approved maintenance organisation without or in violation of an Approved Maintenance Organisation Certificate issued under these Regulations.

(2) An AMO may perform maintenance, preventive maintenance, or modifications on an aircraft, airframe, engine, propeller, appliance, component or its part only for which it is rated and within the limitations placed in its Specific Operating Provisions.

- (3) An AMO certificate shall consist of-
 - (a) a certificate for public display issued by the Authority; and
 - (b) specific operating provisions accepted by the Authority containing the terms and conditions applicable to the AMO.
- (4) An AMO certificate shall contain-
 - (a) a certificate number specifically assigned to the AMO;
 - (b) name and location of the main place of business of the AMO;
 - (c) date of issue and period of validity; and
 - (d) ratings issued to the AMO.
- (5) The AMO Certificate shall be in the form prescribed by the Authority.
- (6) Specific Operating Provisions shall contain-
 - (a) a certificate number specifically assigned to the AMO;
 - (b) class or limited ratings issued in detail, including special approvals and limitations issued;
 - (c) date issued or revised; and
 - (d) signatures of the Accountable Manager and Authority
- (7) The certificate issued to an AMO shall be displayed in the premises for inspection by the public and the Authority.

Advertising

5. -(1) An AMO shall not advertise as a certificated approved maintenance organisation unless an approved maintenance organisation certificate has been issued to that organisation.

(2) A certificated AMO shall not make any statement, either in writing or orally, about itself that is false or is designed to mislead any person.

When the advertising of an AMO indicates that it is certificated, the advertisement must clearly state the AMO's certificate number.

Application for an AMO Certificate.

6. An applicant for an AMO certificate shall submit the following to the Authority at least ninety days before the intended day of operations-

- (a) an application on a form and in a manner prescribed by the Authority;
- (b) the applicant's maintenance procedures manual in duplicate;
- (c) a list of the maintenance functions to be performed for it,

- under contract, by another AMO;
- (d) a list of all AMO certificates and ratings pertinent to those certificates issued by any Contracting State other than the [State]; and
- (e) any additional information the Authority may require the applicant to submit.

Issue of an AMO certificate

- 7.** An applicant shall be issued an AMO certificate if after inspection, the Authority finds that the applicant-
- (a) meets the requirements for the holder of an AMO specified under these Regulations; and
 - (b) is properly and adequately equipped for the performance of maintenance of aircraft or aircraft component for which it seeks approval.

Validity and renewal of certificate

- 8.** - (1) A certificate issued to an AMO shall be valid for twelve months from the date of issue or renewal, unless a shorter period is specified by the Authority or-
- (a) the Authority amends, suspends, revokes or otherwise terminates the certificate;
 - (b) the AMO surrenders it to the Authority; or
 - (c) the AMO suspends operations for more than 180 continuous days.
- (2) A person issued with an AMO certificate shall upon suspension or revocation of the certificate return the certificate to the Authority.
- (3) An application for renewal of an AMO certificate shall be made on a form prescribed by the Authority at least sixty days before the certificate expires.
- (4) Where a request for renewal is made after the expiry of an AMO certificate the applicant shall meet initial application requirements provided for in regulation 10.

Continued validity of approval.

- 9.** Unless the AMO certificate has previously been surrendered, superseded, suspended, revoked or expired by virtue of exceeding any expiration date that may be specified in the certificate, the continued validity of the certificate is dependent upon-
- (a) the AMO remaining in compliance with these regulations; and
 - (b) the Authority being granted access to the organisation's facilities to determine continued compliance with these

Changes to the AMO and certificate amendments

regulation;

10. - (1) An AMO shall notify the Authority of any proposal to carry out any changes to enable the Authority to determine compliance with these Regulations and to amend if necessary, the AMO certificate.

(2) An AMO shall not effect the following changes without prior approval of the Authority-

- (a) the name of the AMO;
- (b) the location of the AMO;
- (c) additional locations of the AMO;
- (d) the accountable manager;
- (e) any of the management personnel specified in the AMO's maintenance procedure manual;
- (f) the facilities, equipment, tools, material, procedures, work scope and certifying staff that could affect the approval; and
- (g) ratings held by the AMO.

(3) Unless the Authority determines that the approval should be suspended, the Authority may prescribe the conditions under which the AMO may operate during the changes.

(4) An AMO certificate may be suspended by the Authority if changes in items listed under sub-regulation (2) have been made by the AMO without notifying the Authority.

(5) An application for the amendment of an existing AMO certificate shall be made on a form and in a manner prescribed by the Authority, and where applicable, the AMO shall submit the required amendment to the maintenance procedures manual to the Authority for approval.

Ratings of the AMO

11. The following ratings may be issued to an AMO certificated under these regulations-

(a) Airframe ratings-

- (i) Class 1: Composite construction of small aircraft;
- (ii) Class 2: Composite construction of large aircraft;
- (iii) Class 3: All-metal construction of small aircraft;
- (iv) Class 3: All-metal construction of small aircraft;
- (v) Class 4: All-metal construction of large aircraft.

(b) Powerplant ratings.

- (i) Class 1: Reciprocating engines of 400 horsepower or less;
- (ii) Class 2: Reciprocating engines of more than 400

- horsepower;
- (iii) Class 3: Turbine engines.
- (c) Propeller ratings-
 - (i) Class 1: All fixed pitch and ground adjustable propellers of wood, metal, or composite construction;
 - (ii) Class 2: All other propellers, by make.
- (d) Radio ratings-
 - (i) Class 1: Communication equipment: Any radio transmitting equipment or receiving equipment, or both, used in aircraft to send or receive communications in flight, regardless of carrier frequency or type of modulation used; including auxiliary and related aircraft interphone systems, amplifier systems, electrical or electronic inter-crew signaling devices, and similar equipment; but not including equipment used for navigation of the aircraft or as an aid to navigation, equipment for measuring altitude or terrain clearance, other measuring equipment operated on radio or radar principles, or mechanical, electrical, gyroscopic, or electronic instruments that are a part of communications radio equipment;
 - (ii) Class 2: Navigational equipment: Any radio system used in aircraft for en route or approach navigation, except equipment operated on radar or pulsed radio frequency principles, but not including equipment for measuring altitude or terrain clearance or other distance equipment operated on radar or pulsed radio frequency principles;
 - (iii) Class 3: Radar equipment: Any aircraft electronic system operated on radar or pulsed radio frequency principles.
- (e) Instrument ratings-
 - (i) Class 1: Mechanical: Any diaphragm, bourdon tube, aneroid, optical, or mechanically driven centrifugal instrument that is used on aircraft or to operate aircraft, including tachometers, airspeed

- indicators, pressure gauges drift sights, magnetic compasses, altimeters, or similar mechanical instruments;
- (ii) Class 2: Electrical: Any self-synchronous and electrical indicating instruments and systems, including remote indicating instruments, cylinder head temperature gauges, or similar electrical instruments;
 - (iii) Class 3: Gyroscopic: Any instrument or system using gyroscopic principles and motivated by air pressure or electrical energy, including automatic pilot control units, turn and bank indicators, directional gyros, and their parts, and flux gate and gyrosyn compasses.
 - (iv) Class 4: Electronic: Any instruments whose operation depends on electron tubes, transistors, or similar devices including capacitance type quantity gauges, system amplifiers, and engine analyzers.
- (f) Computer systems rating.
- (i) Class 1: Aircraft computer systems;
 - (ii) Class 2: Powerplant computer systems; and
 - (iii) Class 3: Avionics computer systems.
- (g) Accessory ratings
- (i) Class 1- Mechanical accessories that depend on friction, hydraulics, mechanical linkage, or pneumatic pressure for operation, including aircraft wheel brakes, mechanically driven pumps, carburetors, aircraft wheel assemblies, shock absorber struts and hydraulic servo units;
 - (ii) Class 2: Electrical accessories that depend on electrical energy for their operation, and generators, including starters, voltage regulators, electric motors, electrically driven fuel pumps magnetos, or similar electrical accessories;
 - (iii) Class 3: electronic accessories that depend on the use of an electron tube transistor, or similar device, including supercharger, temperature, air conditioning controls, or similar electronic controls; and

- (iv) Class 4: Auxilliary Power Unit (APU) that may be installed on aircraft as self-contained units to supplement the aircraft's engines as a source of hydraulic, pneumatic, or electrical power.

Limited ratings
to AMO

12. -(1) Whenever the Authority finds it appropriate, it may issue a limited rating to an AMO that maintains or alters only a particular type of airframe, powerplant, propeller, radio, instrument, computer or accessory, or parts thereof, or performs only specialised maintenance requiring equipment and skills not ordinarily found in an AMO with ratings as specified in regulation 15.

(2) A rating issued under sub regulation (1) may be limited to-

- (a) a specific model aircraft, engine, or constituent part, or to any number of parts made by a particular manufacturer-
- (b) airframes of a particular make and model;
- (c) engines of a particular make and model;
- (d) propellers of a particular make and model;
- (e) instruments of a particular make and model;
- (f) computers of a particular make and model;
- (g) radio equipment of a particular make and model
- (h) accessories of a particular make and model;
- (i) landing gear components;
- (j) floats, by make;
- (k) non-destructive inspection, testing, and processing;
- (l) emergency equipment rotor blades, by make and model;
- (m) Rotor blades by make and model;
- (n) aircraft fabric work; and
- (o) any other purpose for which the Authority finds the applicant's request is appropriate.

(3) A specialised service rating may be issued to an AMO to perform specific maintenance or processes and the specific operating provisions of the AMO shall identify the specification used in performing specialised services which may be -

- (a) a civil or military specification that is currently used by industry and approved by the Authority; or
- (b) a specification developed by the AMO and approved by the Authority.

AMO
capability

13. -(1) Except for functions that are contracted out, each certificated AMO shall provide equipment and material so that the

functions listed in this Regulation as appropriate to the class or limited rating held or applied for, can be performed as required.

(2) For an airframe rating, Classes 3, 4-

(a) the functions in respect to metal skin and structural components are to-

- (i) repair and replace steel tubes and fittings using the proper welding
- (ii) techniques, when appropriate
- (iii) apply anticorrosion treatment to the interior and exterior of parts;
- (iv) perform simple machine operations;
- (v) fabricate steel fittings;
- (vi) repair and replace metal skin;
- (vii) repair and replace alloy members and components;
- (viii) assemble and align components using jigs or fixtures;
- (ix) make up forming blocks or dies; or
- (x) repair or replace ribs.

(b) the functions in respect to wood structure are to:

- (i) repair ribs and spars;
- (ii) align interior of wings;
- (iii) repair or replace plywood skin; or
- (iv) apply treatment against wood decay;

(c) the functions in respect to fabric covering are repair of fabric surfaces;

(d) the functions in respect to aircraft control systems are to-

- (i) repair and replace control cables;
- (ii) rig complete control system;
- (iii) replace and repair all control system components; or
- (iv) remove and install control system units and components

(e) the functions in respect to aircraft systems are-

- (i) replace and repair landing gear hinge-point components and attachments;
- (ii) maintain elastic shock absorber units;
- (iii) conduct landing gear retraction cycle tests;
- (iv) maintain electrical position indicating and

- wiring systems;
 - (v) repair and fabricate fuel, pneumatic, hydraulic, and oil lines;
 - (vi) diagnose electrical and electronic malfunctions;
 - (vii) repair and replace electrical wiring and electronic data transmission lines;
 - (viii) install electrical and electronic equipment; or
 - (ix) perform bench check of electrical and electronic components, not to be confused with the more complex functional test after repair or overhaul;
- (f) the functions in respect to assembly operations are-
- (i) assemble aircraft components or parts, such as landing gear, wings, and controls;
 - (ii) rig and align aircraft components, including the complete aircraft and control system;
 - (iii) install powerplants;
 - (iv) install instruments and accessories;
 - (v) assemble and install cowlings, fairings, and panels;
 - (vi) maintain and install windshields and windows;
 - (vii) maintain and install windshields and panels;
 - (viii) jack or hoist complete aircraft; or
 - (ix) balance flight control surfaces;
- (g) non-destructive inspection and testing using dye penetrants and magnetic, ultrasonic, radiographic, fluorescent, or holographic inspection techniques;
- (h) the functions in respect to inspection of metal structures are the inspection of metal structures using appropriate inspection equipment to perform the inspections required on an aircraft.

(3) For an airframe rating Classes 1 and 2, in addition to having the capability to perform the appropriate functions set forth for class 1, 2, 3, or 4 airframe ratings, an approved maintenance organisation holding a class 1 or 2 airframe rating for composite aircraft

must have the following equipment-

- (a) autoclave capable of providing positive pressure and temperature consistent with materials used;
 - (b) a circulating oven with vacuum capability storage equipment, such as freezer, refrigerator, and temperature-control cabinets or other definitive storage areas;
 - (c) honeycomb core cutters;
 - (d) non-destructive inspection equipment such as x-ray, ultrasonic, or other types of acoustic test equipment as recommended by the manufacturer;
 - (e) cutting tools, such as diamond or carbide saws or router bits, suitable for cutting and trimming composite structures;
 - (f) scales adequate to ensure proper proportioning by mass of epoxy adhesive and resins;
 - (g) mechanical pressure equipment such as vacuum bagging or sand bags, as appropriate;
 - (h) thermocouple probes necessary to monitor cure temperatures;
 - (i) hardness testing equipment using heat guns that are thermostatically controlled for curing repairs; and
 - (j) appropriate inspection equipment to perform inspection of composite structures as recommended by the manufacturer and as required for inspection of an aircraft under these regulations.
- (4) For a powerplant rating, Class 1 and 2 -
- (a) the functions in respect to maintenance and alteration of powerplants, including replacement of parts are to-
 - (i) perform chemical and mechanical cleaning;
 - (ii) perform disassembly operations;
 - (iii) replace bushings, bearings, pins, and inserts;
 - (iv) perform heating operations that may involve the use of recommended techniques that require controlled heating facilities;
 - (v) perform chilling or shrinking operations;
 - (vi) remove and replace studs;
 - (vii) inscribe or affix identification information;
 - (viii) paint powerplants and components; and
 - (ix) apply anticorrosion treatment for parts;
 - (b) the functions in respect to inspection of all parts, using

appropriate inspection aids are to-

- (i) determine precise clearances and tolerances of all parts; and
 - (ii) inspect alignment of connecting rods, crankshafts and impeller shafts;
- (c) accomplishment of routine machine work-
- (i) ream inserts, bushings, bearings, and other similar components;
 - (ii) reface valves.
- (d) the functions in respect to accomplishment of assembly operations are to-
- (i) perform valve and ignition-timing operations;
 - (ii) fabricate and test ignition harnesses;
 - (iii) fabricate and test rigid and flexible fluid lines;
 - (iv) prepare engines for long or short term storage; and
 - (v) hoist engines by mechanical means.

(5) For a powerplant rating Classes 3, in addition to having the capability to perform the appropriate functions as required for Class 1 and 2 powerplant ratings, a maintenance organisation holding a Class 3 powerplant rating must have the following equipment-

- (a) testing equipment;
- (b) surface treatment antigallant equipment;
- (c) functional equipment requirements as recommended by the manufacturer; and
- (d) appropriate inspection equipment.

(6) For propeller rating class 1 the functions are to-

- (a) remove and install propellers;
- (b) maintain and alter propellers, including installation and replacement of parts to.
 - (i) replace bladed tipping;
 - (ii) refinish wood propellers;
 - (iii) make wood inlays;
 - (iv) refinish plastic blades;
 - (v) straighten bent blades within repairable tolerances;
 - (vi) modify blade diameter and profile;
 - (vii) polish and buff; and
 - (viii) perform painting operations;

(c) inspect components using appropriate inspection aids to inspect-

- (i) propellers for conformity with manufacturer's drawings and specifications;
 - (ii) hubs and blades for failures and defects using all visual aids, including the etching of parts; and
 - (iii) hubs for wear of splines or keyways or any other defect;
- (d) balance propellers to test-
- (i) for proper track on aircraft; and
 - (ii) for horizontal and vertical unbalance using precision equipment.
- (7) For propeller rating class 2 the functions are to-
- (a) remove and install aircraft propellers, which may include installation and replacement of parts and-
 - (i) perform all functions listed under Class 1 propellers when applicable to the make and model of propeller in this class;
 - (ii) properly lubricate moving parts;
 - (iii) assemble complete propeller and subassemblies using special tools when required;
 - (b) inspect components using appropriate inspection aids for those functions listed for Class 1 propellers under sub regulation (b) and (c) when applicable to the make and model of the propeller being worked on;
 - (c) repair or replace components or parts and-
 - (i) replace blades, hubs or any of their components;
 - (ii) repair or replace anti-icing devices;
 - (iii) remove nicks or scratches from metal blades; or
 - (iv) repair or replace electrical propeller components;
 - (d) balance propellers, including those functions listed for class 1 propellers under sub regulation 6 (d) when applicable to the make and model of the propeller being worked on; and
 - (e) test propeller pitch-changing mechanism for-
 - (i) hydraulically operated propellers and components; or
 - (ii) electrically operated propellers and components
- (8) For radio rating Class 1, 2, and 3, the functions are to-perform physical inspection of radio systems and components by visual and mechanical inspection-
- (a) perform electrical inspection of radio systems and components by means of appropriate electrical or

- electronic test equipment;
- (b) check aircraft wiring, antennas, connectors, relays, and other associated avionics components to detect installation faults;
- (c) check engine ignition systems and aircraft accessories to determine sources of electrical interference;
- (d) check aircraft power supplies for adequacy and proper functioning;
- (e) remove, repair, and replace aircraft antennas;
- (f) measure transmission line attenuation;
- (g) measure transmission line attenuation;
- (h) measure radio component values such as inductance, capacitance, and resistance;
- (i) determine waveforms and phase in avionics equipment when applicable;
- (j) determine proper aircraft radio antenna, lead-in, and transmission-line characteristics and determine proper locations for type of radio equipment to which the antenna is connected;
- (k) determine the operational condition of radio equipment installed in aircraft by using appropriate portable test apparatus;
- (l) test all types of transistors: solid-state, integrated circuits; or similar devices in equipment appropriate to the class rating;
- (m) test radio indicators.
- (9) For radio rating class 1, in addition to having the capability listed in sub regulation (8) other functions are to-
 - (a) test and repair headsets, speakers, and microphones;
 - (b) measure radio transmitter power output; and
 - (c) measure modulation values, noise, and distortion in communication equipment.
- (10) For radio rating class 2, in addition to having the capability listed in sub regulation (8) other functions are to-
 - (a) test and repair headsets;
 - (b) test speakers;
 - (c) measure loop antenna sensitivity by appropriate methods; and
 - (d) calibrate to approved performance standards any radio navigational equipment, en route and approach aids, or

similar equipment, as appropriate to this rating

(11) For radio rating class 3, in addition to having the capability listed in sub regulation (8) the other function is to measure transmitter power output.

(12) For computer systems rating class 1, 2, and 3 the functions are to-

- (a) maintain computer systems in accordance with manufacturer's specifications, test requirements, and recommendations;
- (b) remove, maintain, and replace computer systems in aircraft; and
- (c) inspect, test, and calibrate computer system equipment, including software.

(13) For instrument rating class 1 the functions are to-

- (a) diagnose instrument malfunctions on the following instruments-
 - (i) rate-of-climb indicators;
 - (ii) altimeters;
 - (iii) airspeed indicators;
 - (iv) vacuum indicators;
 - (v) oil pressure gauges;
 - (vi) hydraulic pressure gauges;
 - (vii) de-icing pressure gauges;
 - (viii) pitot-static tube;
 - (ix) direct indicating compasses;
 - (x) accelerometer;
 - (xi) direct indicating tachometers; or
 - (xii) direct reading fuel quantity gauges;
- (b) inspect, test, and calibrate the instruments listed in paragraph (a) on and off the aircraft, as appropriate.

(14) For instrument rating class 2 the functions are to-

- (a) diagnose instrument malfunctions of the following instruments-
 - (i) tachometers;
 - (ii) synchroscope;
 - (iii) electric temperature indicators;
 - (iv) electric resistance-type indicators;
 - (v) moving magnet-type indicators;
 - (vi) warning units (oil and fuel);
 - (vii) selsyn systems and indicators;

- (viii) self-synchronous systems and indicators;
 - (ix) remote indicating compasses;
 - (x) quantity indicators;
 - (xi) avionics indicators;
 - (xii) ammeters;
 - (xiii) avionics indicators; or
 - (xiv) voltmeters; or frequency meters.
- (b) inspect, test, and calibrate instruments listed in paragraph (a) on and off the aircraft, as appropriate.
- (15) For instrument rating Class 3 the functions are to-
- (a) diagnose instrument malfunctions of the following instruments:
 - (i) turn and bank indicators;
 - (ii) directional gyros;
 - (iii) horizon gyros; or
 - (iv) auto pilot control units and components; and
 - (b) inspect, test, and calibrate instruments listed in paragraph (a) of this regulation on and off the aircraft, as appropriate.
- (16) For instrument rating Class 4 the functions are to-
- (a) diagnose instrument malfunctions of the following instruments;
 - (i) capacitance-type quantity gauge;
 - (ii) laser gyros; or
 - (iii) other electronic instruments; and
 - (b) inspect, test, and calibrate instruments listed in paragraph (a) on and off the aircraft, as appropriate.
- (17) For accessory rating class 1, 2, 3, and 4, the AMO shall perform the following functions in accordance with the manufacturer's specifications and recommendations and-
- (a) diagnose accessory malfunctions;
 - (b) maintain and alter accessories, including installing and replacing parts; and
 - (c) inspect, test, and calibrate accessories on and off the aircraft as appropriate.

Sub-contracted
maintenance
functions

- 14.** -(1) An AMO may sub-contract its maintenance functions to another Approved Maintenance Organisation.
- (2) An AMO may sub-contract maintenance functions to an organisation which is not approved by the Authority provided that the

AMO meet the following conditions-

- (a) the AMO must be approved for work which is to be sub-contracted and have the capability to assess the competence of the sub-contractor;
- (b) the AMO must retain responsibility for quality control and release of the sub-contracted activities, including the appropriate airworthiness requirements; and
- (c) have necessary procedures for the control of the sub-contracted activities, together with the terms for the personnel responsible for the management.

15. (1) The Authority shall establish a safety programme in order to achieve an acceptable level of safety in the maintenance of the aircraft under the Approved Maintenance Organisation (AMO).

(2) An Approved Maintenance Organisation (AMO) holder shall establish and maintain a safety management system acceptable to the Authority.

(3) The safety management system referred to in sub-regulation (2) shall-

- a. identify actual and potential safety hazards;
- b. ensure that remedial action necessary to maintain an acceptable level of safety is implemented; and
- c. provide for continuous monitoring and regular assessment of the safety level achieved; and
- d. make continuous improvement to the overall level of safety.

(4) A safety management system shall clearly define lines of safety accountability throughout the operator's organization, including a direct accountability for safety on the part of senior management.

(5) The AMO shall, as part of certification requirements, submit an SMS manual to the Authority for approval and shall include:

- (a) a scope of safety management system
- (b) the safety policy and objectives;
- (c) safety accountabilities;
- (d) key safety personnel;
- (e) documentation control procedures;
- (f) coordination of emergency response planning;
- (g) hazards identification and safety risk management schemes;
- (h) safety assurance;

- (i) safety performance monetary;
- (j) safety audit;
- (k) management of change;
- (l) safety promotion; and
- (m) contacted activities.

PART III

HOUSING, FACILITIES, EQUIPMENT AND MATERIALS

General.

16. An AMO shall have personnel, facilities, equipment, and materials in quantity and quality that meet the standards specified under these Regulations.

Housing and
facility
requirements

17. -(1) Housing and facilities shall be provided as appropriate for all planned work ensuring, in particular, protection from weather.

(2) All work environments shall be appropriate for the task carried out and shall not impair the effectiveness of personnel.

(3) Office accommodation shall be appropriate for the management of planned work including, in particular, the management of quality, planning, and technical records.

(4) Specialised workshops and bays shall be segregated, as appropriate, to ensure that environmental and work area contamination is unlikely to occur.

(5) Storage facilities shall be provided for parts, equipment, tools and materials.

(6) Storage conditions shall be provided for security of serviceable parts, segregation of serviceable parts from unserviceable parts, and for prevention of deterioration of and damage to stored items.

(7) For ongoing maintenance of aircraft, aircraft hangars shall be available and large enough to accommodate aircraft during maintenance activities.

(8) Where the hangar is not owned by the AMO, the AMO shall-

- (a) provide evidence to the Authority that the AMO is authorised to use the hangar;
- (b) demonstrate sufficiency of hangar space to carry out planned base maintenance by preparing a projected aircraft hangar visit plan relative to the maintenance program;
- (c) update the aircraft hangar visit plan on a regular basis;
- (d) ensure that aircraft component maintenance and aircraft

component workshops are large enough to accommodate the components on planned maintenance;

- (e) ensure that aircraft hangar and aircraft component workshop structures prevent the ingress of rain, hail, ice, snow, wind and dust;
- (f) ensure that workshop floors are sealed to minimise dust generation; and
- (g) demonstrate access to hangar accommodation for usage during adverse weather for minor scheduled work or lengthy defect rectification.

(9) Aircraft maintenance staff shall be provided with an area where they may study maintenance instructions and complete maintenance records in a proper manner.

(10) Hangars used to house aircraft together with office accommodation shall be such as to have a clean, effective and comfortable working environment by ensuring that-

- (a) temperatures are maintained at a comfortable level;
- (b) dust and any other airborne contamination are kept to a minimum and not permitted to reach a level in the work task area where visible aircraft or component surface contamination is evident;
- (c) lighting is such as to ensure each inspection and maintenance task can be carried out; and
- (d) noise levels are not permitted to rise to the point of distracting personnel from carrying out inspection tasks and where it is impractical to control the noise source, such personnel shall be provided with the necessary personal equipment to stop excessive noise causing distraction during inspection tasks.

(11) Where a particular maintenance task requires the application of specific environmental conditions different from those specified in sub-regulation (10), such specific conditions shall be observed as specified in the approved maintenance instructions.

(12) Where the working environment for line maintenance deteriorates to an unacceptable level with respect to temperature, moisture, hail, ice, snow, wind, light, dust or other airborne contamination, the particular maintenance or inspection tasks shall be suspended until satisfactory conditions are re-established.

(13) For both base and line maintenance where dust or other airborne contamination results in visible surface contamination, all

susceptible systems shall be sealed until acceptable conditions are re-established.

(14) Storage facilities for serviceable aircraft components shall be clean, well-ventilated and maintained at an even dry temperature to minimise the effects of condensation.

(15) Manufacturer standards recommendations shall be followed for specific aircraft components.

(16) Storage racks shall provide sufficient support for large aircraft components so that the component is not distorted.

(17) All aircraft components, wherever practicable, shall remain packaged in protective material to minimise damage and corrosion during storage.

Equipment,
tools, and
material.

18. -(1) An AMO shall have available the necessary equipment, tools and material to perform the approved scope of work, and these items shall be under full control of the AMO.

(2) Equipment and tools shall be available at all times except in the case of any tool or equipment that is so rarely needed that its permanent availability is not necessary.

(3) The Authority may exempt an AMO from possessing specific tools and equipment for maintenance or repair of an aircraft or aircraft component specified in the AMO's certificate, if the tools and equipment can be acquired temporarily, by prior arrangement and be under full control of the AMO when needed to perform required maintenance or repairs.

(4) The Authority may not amend the approval to delete the aircraft or aircraft component on the basis that it is a temporary situation and there is a formal agreement from the AMO to re-acquire tools, equipment, or other items before performing any maintenance or repair.

(5) An AMO shall control all applicable tools, equipment and test equipment used for product acceptance or for making a finding of airworthiness.

(6) An AMO shall ensure that all applicable tools, equipment and test equipment used for product acceptance or for making a finding of airworthiness are calibrated to ensure correct calibration to a standard acceptable to the Authority and traceable to national or international standards.

(7) An AMO shall keep all records of calibrations and the standards used for calibration.

(8) Except as provided in sub-regulations (6), in the case of

foreign manufactured tools, equipment and test equipment, the standard provided by the county of manufacture may be used if approved by the Authority.

(9) Where the manufacturer specifies a particular tool, equipment or test equipment then that tool, equipment or test equipment shall be used unless the manufacturer has identified the use of an equivalent.

(10) Except as provided in sub-regulation (9), tools, equipment or test equipment other than those recommended by the manufacturer shall be acceptable based on at least the following-

(a) the AMO shall have a procedure in the Maintenance Procedure Manual if it intends to use equivalent tools, equipment or test equipment other than that recommended by the manufacturer; and

(b) the AMO shall have a program to include-

(i) a description of the procedures used to establish the competence of personnel that make the determination of equivalency of tools, equipment or test equipment;

(ii) conducting and documenting the comparison made between the specification of the tool, equipment or test equipment recommended by the manufacturer and the equivalent tool, equipment or test equipment proposed;

(iii) ensuring that the limitations, parameters and reliability of the proposed tool, equipment or test equipment are equivalent to the manufacturer's recommended tools, equipment or test equipment;

(iv) ensuring that the equivalent tool, equipment or test equipment is capable of performing the appropriate maintenance function, all normal tests, or calibrations and checking all parameters of the aircraft or aircraft component undergoing maintenance or calibration; and

(v) the AMO shall have full control of the equivalent tool, equipment or test equipment through an ownership, lease or other legal arrangement.

(11) An AMO approved for base maintenance shall have sufficient aircraft access equipment and inspection platforms or docking such that the aircraft may be properly inspected.

(12) The AMO shall have a procedure to inspect or service and

where appropriate, calibrate tools, equipment and test equipment on a regular basis and indicate to users that an item is within any inspection or service or calibration time limit.

(13) The AMO shall have a procedure to ensure that if it uses either a primary, secondary or transfer standard for performing calibration, that standard cannot be used to perform maintenance.

(14) A clear system of labelling all tooling, equipment and test equipment shall be used to give information on when the next inspection or service or calibration is due and where the item is unserviceable for a reason that is not obvious.

(15) A clear system of labelling all tooling, equipment and test equipment shall be used to give information on when such tooling, equipment and test equipment is not used for product acceptance or for making a finding of airworthiness.

(16) A register shall be maintained for all calibrated tools, equipment and test equipment together with a record of calibrations and standards used.

(17) Inspection, service or calibration on a regular basis shall be in accordance with the equipment manufacturers' instructions except where the AMO can show by results that a different time period is appropriate in a particular case and is acceptable to the Authority.

PART IV ADMINISTRATION

AMO personnel
and training
requirements.

19. -(1) An AMO shall appoint a management person or group of persons acceptable to the Authority, whose responsibilities include ensuring that the AMO is in compliance with these Regulations.

(2) A person appointed as manager shall represent the maintenance management structure of the AMO, and shall be responsible for all functions specified in these Regulations.

(3) A manager shall be directly responsible to an Accountable Manager who shall be acceptable to the Authority.

(4) An AMO shall employ sufficient personnel to perform maintenance functions in accordance with the AMO certificate.

(5) The competence of personnel involved in maintenance shall be established in accordance with a procedure and to a standard acceptable to the Authority.

(6) A person signing a certificate of release to service shall be qualified in accordance with the Civil Aviation (Personnel Licensing)

Regulations as appropriate to the work performed and as acceptable to the Authority.

(7) The maintenance personnel and the certifying staff shall meet the qualification requirements and receive initial and continuation training to their assigned tasks and responsibilities in accordance with a program acceptable to the Authority.

(8) The training program established by the AMO shall include training in knowledge and skills related to human performance, including coordination with other maintenance personnel and flight crew.

(9) An AMO's functions shall be allocated to individual managers or combined in any number of ways, dependent upon the size of the AMO.

Management
Personnel
required for
Aircraft
Maintenance
Organisation
(AMO)

20. -(1) An AMO shall have an Accountable Manager acceptable to the Authority, with Corporate authority for ensuring that all the necessary resources are available to support the AMO approval.

(2) The AMO shall have qualified Personnel with proven competence in Civil aviation available and serving in the following positions or their equivalent-

- (a) Base Maintenance Manager;
- (b) Line Maintenance Manager;
- (c) Workshop Manager; and
- (d) Quality Manager

(3) For the purpose of Sub regulation (2) "competence in civil aviation" means that an individual has a technical qualification and management experience acceptable to the Authority for the position served.

(4) The Authority may approve positions, other than those listed in sub-regulation (2) if the AMO is able to show that it can perform the approved functions safely under the direction of fewer or different categories of management personnel due to the size of the AMO.

(5) The AMO shall make temporal arrangements to ensure continuity of supervision of its functions if maintenance is conducted in the absence of any required management Personnel.

(6) A person serving in a required management position in an AMO shall not serve in a similar position in any other AMO unless exemption is issued by the Authority.

21. (1) The Accountable Manager shall possess the following qualifications-

- (a) a background in the management of aircraft maintenance organizations;
- (b) knowledge of the Civil Aviation (Approved Maintenance Organization) Regulations and other Regulations and materials published by the Authority that are applicable to aircraft maintenance; and
- (c) a thorough knowledge of the organization's maintenance procedures.

(2) When authorised by the Authority, the Accountable Manager may delegate all or part of his responsibility in writing to another person in a management position within the organisation;

(3) A base maintenance manager shall, dependent upon the scope of approval of an AMO, be responsible for ensuring that all maintenance carried out in the hangar is carried out in accordance with the approved maintenance schedule or programme.

(4) The minimum qualification for the base maintenance manager shall be as follows-

- (a) a licensed maintenance engineer with appropriate ratings in airframe and engines or avionics;
- (b) at least five years experience in maintaining the same category of aircraft including one year in the capacity of returning aircraft to service;
- (c) have received type training on every aircraft maintained within the approved scope of the AMO; and
- (d) have attended a management or supervisory course.

(5) A line maintenance manager shall be responsible for ensuring that all maintenance required to be carried out on the line, including line defect rectification, is performed to the required standards; and any corrective action resulting from quality compliance monitoring;

(6) The minimum qualifications for line maintenance manager are-

- (a) a licensed maintenance engineer with appropriate airframe, powerplant or avionics ratings; and
- (b) at least five years experience in maintaining the same category of aircraft including one year in the capacity of returning aircraft to service; and
- (c) have attended management or supervisory course.

(7) A workshop manager shall be responsible for ensuring that all work on aircraft components in the workshop and any corrective action resulting from quality compliance monitoring is performed to required standards;

(8) The minimum qualifications for a workshop manager are-

(a) a licensed maintenance engineer with appropriate airframe, engines or avionics rating;

(b) at least five years experience in maintaining components for the same category of aircraft including one year in the capacity of returning components to service; and

(c) have attended management or supervisory course.

(9) A quality manager shall be responsible for monitoring the AMO's compliance with these Regulations; and requesting remedial action as necessary by the base maintenance manager or line maintenance manager or workshop manager or the accountable manager, as appropriate.

(10) The minimum qualifications for quality manager are-

(a) a licensed maintenance engineer with appropriate airframe and engine or avionics ratings; and

(b) at least five years experience in the field of aircraft maintenance. And

(c) must have successfully completed training in quality management course recognized by the Authority.

Man hours

22. -(1) An AMO shall have a production man-hours plan showing that it has sufficient man-hours for the intended work.

(2) Where an AMO is certified for base maintenance, the man-hours plan shall relate to the aircraft hangar visit plan.

(3) Man-hours plans shall be regularly updated.

(4) Work performed on any aircraft registered outside the [State] shall be taken into account where it impacts upon the production man-hours plan.

(5) Quality monitoring compliance function relating to man-hours shall be such as will be sufficient to meet the requirement of rest and duty limitations for persons performing maintenance functions.

Assessment of personnel

23. -(1) Planners, aircraft maintenance engineers, mechanics, supervisors and certifying staff of an AMO shall be assessed for competence by “on the job” evaluation or by examination relevant to

their particular role within the AMO before unsupervised work is permitted.

(2) The assessment specified in sub-regulation (1) shall be based on job description for each post in and shall establish that-

- (a) planners are able to interpret maintenance requirements into maintenance tasks, and have an appreciation that they have no authority to deviate from the aircraft maintenance program;
- (b) aircraft maintenance engineers and mechanics are able to carry out maintenance tasks to any standard specified in the maintenance instructions and will notify supervisors of mistakes requiring rectification to re-establish required maintenance standards;
- (c) supervisors are able to ensure that all required maintenance tasks are carried out and where not done or where it is evident that a particular maintenance task cannot be carried out to the maintenance instructions, then such problems will be reported to and agreed upon by the quality department of the AMO; and
- (d) certifying staff are able to determine when an aircraft or an aircraft component is or is not ready for release to service.

(3) Planners, supervisors, and certifying staff, shall demonstrate knowledge of AMO procedures relevant to their particular role.

Training of
certifying staff

24. - (1) Initial and continuing training of certifying staff shall be performed by an AMO or a training organisation selected by the AMO.

(2) An AMO shall establish the curriculum and standards for training of personnel and establish pre-qualification standards intended to ensure that the trainee has a reasonable chance of successfully completing any course.

(3) The training programme, training facilities and the curriculum to train certifying staff as provided for in sub-regulation (2) shall be approved by the Authority.

(4) The training programme submitted to the Authority under sub-regulation (3) shall include-

- (a) details of the number of personnel who will receive initial training to qualify as certifying staff over specified time periods; and
- (b) for maintenance personnel and certifying staff of the AMO, training in knowledge and skills related to live performance

including coordination with other maintenance personnel and flight crew.

(5) All trained personnel shall be examined at the end of each training course.

(6) All certifying staff of an AMO shall undergo initial training that covers-

- (a) basic engineering theory relevant to the scope of work performed by the AMO;
- (b) specific information on the actual aircraft type on which the person is intended to become a certifying person including the impact of repairs and system or structural defects; and
- (c) company procedures relevant to the certifying staff's tasks.

(7) All certifying staff of an AMO who have undergone initial training shall undertake continuation training in changes in AMO procedures and changes in the standard of aircraft or aircraft component maintained

Rest and duty
limitations for
persons
performing
maintenance
functions in an
AMO

25. -(1) A person shall not-

- (a) assign maintenance functions for aircraft unless the assignee has had a minimum rest period of eight hours prior to the beginning of duty;
- (b) perform maintenance functions for aircraft unless that person had a minimum rest period of eight hours prior to the beginning of duty.

(2) A person shall not-

- (a) schedule a person performing maintenance functions for aircraft for more than twelve consecutive hours of duty; or
- (b) perform maintenance functions for aircraft for more than twelve consecutive hours of duty.

(3) In situations involving unscheduled aircraft unserviceability, persons performing maintenance functions for aircraft may be continued on duty for-

- (a) up to sixteen consecutive hours; or
- (b) twenty hours in twenty-four consecutive hours.

(4) Following unscheduled duty periods, the person performing maintenance functions for aircraft shall have a mandatory rest period of ten hours.

(5) An AMO shall relieve the person performing maintenance functions from all duties for twenty-four consecutive hours during any seven consecutive day period.

Record of
certifying staff.

26. -(1) An AMO shall maintain a roster of all certifying staff, which includes details of the scope of their authorisation and the certifying staff shall be notified in writing of the scope of that authorisation.

(2) The following minimum information shall be kept on record in respect of each certifying person-

- (a) name;
- (b) date of birth;
- (c) basic training;
- (d) type training;
- (e) continuation training;
- (f) experience;
- (g) qualifications relevant to the approval;
- (h) scope of the authorisation;
- (i) date of first issue of the authorisation;
- (j) expiration date of the authorisation, where appropriate; and
- (k) identification number of the authorisation.

(3) Records of certifying staff shall be controlled by the AMO's quality department.

(4) The number of persons authorised to access the records system shall be limited to minimise the possibility of records being altered in an unauthorised manner and to limit confidential records from becoming accessible to unauthorised persons.

(5) Certifying staff shall be given reasonable access on request to their records.

(6) The Authority may investigate the records system for initial and continued approval or when the Authority has cause to doubt the competence of a particular certifying person.

(7) An AMO shall keep the record of a certifying staff for at least two years following a date on which a staff has ceased employment with the AMO or upon withdrawal of the certifying staff authorisation.

(8) The certifying staff shall upon request be furnished with a copy of their record on leaving the AMO.

(9) The authorisation document issued to the certifying staff

under this regulation shall be in a style that makes its scope clear to certifying staff and the Authority that may be required to examine the document and where codes are used to define scope, an interpretation document shall be readily available.

(10) Certifying staff shall be required to carry the authorisation document at all times and shall produce it on request from the Authority.

PART V
AMO OPERATING RULES

AMO
maintenance
procedures
manual

27. - (1) An AMO shall provide a Maintenance Procedures Manual for the use by maintenance personnel.

(2) An AMO Maintenance Procedure Manual and any subsequent amendments shall be approved by the Authority prior to use.

(3) An AMO Maintenance Procedures Manual shall specify the scope of work required of the AMO in order to satisfy the relevant requirements for an approval of an aircraft or aircraft component for return to service.

(4) An AMO Maintenance Procedures Manual and any other manual it identifies shall-

- (a) include instructions and information necessary to allow the personnel to perform their duties and responsibilities with a high degree of safety;
- (b) be in a form that is easy to revise and contain a system which allows personnel to determine current revision status;
- (c) have the date of the last revision printed on each page containing the revision;
- (d) not be contrary to any Laws of the [State] or the AMO's operations specifications; and
- (e) include a reference to appropriate civil aviation regulations.

(5) Without prejudice to the preceding provisions of this regulation, an AMO Maintenance Procedure Manual shall contain the following information-

- (a) a statement signed by the Accountable Manager confirming that the AMO Maintenance Procedures Manual and any associated manuals define the AMO's compliance with this regulation and will be complied with at all times;
- (b) a list which describes the duties and responsibilities of the

- management personnel and the matters on which they may deal directly with the Authority on behalf of the AMO;
- (c) a procedure to establish and maintain a current list of the titles and names of the AMO's management personnel accepted by the Authority;
 - (d) an organisation chart showing associated chains of responsibility of the management personnel;
 - (e) a procedure to establish and maintain a current roster of certifying staff;
 - (f) a description of the procedures used to establish the competence of maintenance personnel;
 - (g) a general description of manpower resources;
 - (h) description of the method used for the completion and retention of the maintenance records;
 - (i) a description of the procedure for preparing the certificate of release to service and the circumstances under which the certificate of release to service is to be signed;
 - (j) a description, when applicable, of additional procedures for complying with an AOC holder's maintenance procedures and requirements;
 - (k) a description of the procedures for complying with the service information reporting requirement contained in regulation 38;
 - (l) a description of the procedure for receiving, amending and distributing within the maintenance organisation all necessary airworthiness data from the type certificate holder or the type design organisation;
 - (m) a general description of the facilities located at each physical address specified in the AMO's certificate;
 - (n) a general description of the AMO's scope of work relevant to the extent of approval;
 - (o) the notification procedure for the AMO to use when requesting the approval of changes to the organisation of the AMO from the Authority;
 - (p) the amendment procedure for the AMO Maintenance Procedures Manual, including the submission to the Authority;
 - (q) the AMO's procedures, acceptable to the Authority, to ensure

manual good maintenance practices and compliance with the requirements in these Regulations;

- (r) the AMO's procedures to establish and maintain an independent quality system to monitor compliance with the adequacy of the procedures to ensure good quality maintenance practices and airworthy aircraft and aircraft components compliance monitoring shall include a feedback system, acceptable to the Authority, to the person or group of persons specified in regulation 23, and ultimately to the Accountable Manager to ensure, as necessary, corrective action; such feedback system shall be acceptable to the Authority;
- (s) AMO procedures for self-evaluations, including methods and frequency of such evaluations, and procedures for reporting results to the Accountable Manager for review and action;
- (t) a list of operators, if appropriate, to which the AMO provides an aircraft maintenance service;
- (u) a list of organisations performing maintenance on behalf of the AMO; and
- (v) a list of the AMO's line maintenance locations and procedures, where applicable.

(6) The list of personnel and certifying staff for sub-regulation (5)(b) and (5)(e) may be separate from the AMO Maintenance Procedures Manual, but shall be kept current and available for review by the Authority when requested.

(7) AMO personnel shall be familiar with those parts of the manuals that are relevant to the maintenance work they perform.

(8) An AMO shall specify in the AMO Maintenance Procedures Manual who should amend the manual, particularly in the case where the manual consists of several parts.

(9) The quality manager of an AMO shall be responsible for-

(a) monitoring the amendment of the AMO Maintenance Procedures Manual, including associated procedures manuals; and

(b) submitting proposed amendments to the Authority, unless the Authority has agreed, by a procedure stated in the amendment section of the Procedures Manual, that some defined class of amendments may be incorporated without prior approval by the Authority.

(10) The AMO Maintenance Procedures Manual shall address four main areas-

- (a) the management procedures covering the parts previously specified;
- (b) the maintenance procedures covering all aspects of how aircraft components may be accepted from outside sources and how aircraft will be maintained to the required standard;
- (c) the quality system procedures, including the methods of qualifying mechanics, inspection, certifying staff and quality audit personnel; and
- (d) contracted AOC holder procedures and paperwork.

(11) An AMO Maintenance Procedures Manual shall be in a format set out in the First Schedule of these Regulations.

Maintenance
procedures and
independent

28. -(1) An AMO shall establish maintenance procedures acceptable to the Authority to ensure good maintenance practices and compliance with all relevant requirements in these Regulations, such that aircraft and aircraft components may be properly released to service.

(2) The maintenance procedures established under sub-regulation (1) shall-

- (a) cover all aspects of maintenance activity and describe standards to which the AMO intends to work;
- (b) take into account the aircraft and aircraft component design and AMO standards; and
- (c) address the provisions and limitations of these Regulations.

(3) An AMO shall establish an independent quality system, acceptable to the Authority, to monitor compliance with and adequacy of the procedures and by providing a system of inspection to ensure that all maintenance is properly performed.

(4) The compliance monitoring specified in sub-regulation (3) shall include a feedback system to the designated management person or group of persons directly responsible for the quality system and ultimately to the Accountable Manager to ensure where necessary, corrective action is taken.

(5) The quality system established under sub-regulation (3)-

- (a) may be an independent system under the control of the quality manager that evaluates the maintenance procedures

and the correctness of the Equivalent Safety Case process;
and

(b) shall include a procedure to initially qualify and periodically perform audits on persons performing work on behalf of the AMO.

(6) An AMO's quality system shall be-

(a) sufficient to review all maintenance procedures as described in the Maintenance Procedures Manual in accordance with an approved program once a year for each aircraft type maintained; and

(b) indicate when audits are due, when they are completed and establish a system of audit reports which can be reviewed by the Authority on request.

(7) The audit system established under sub-regulation (6)(b) shall clearly establish a means by which audit reports containing observations about non-compliance or poor standards are communicated to the Accountable Manager.

Capability list.

29. -(1) An AMO shall prepare and retain a current capability list approved by the Authority.

(2) An AMO shall not perform maintenance, preventive maintenance, or modifications on an article until the article has been listed on the capability list in accordance with these Regulations.

(3) A capability list specified in sub-regulation (2) shall identify each article by make and model, part number, or other nomenclature designated by the article's manufacturer.

(4) An article may be listed on the capability list only if the article is within the scope of the ratings and classes of the AMO's certificate, and only after the AMO has performed a self-evaluation in accordance with Regulation 27(5)(s)

(5) An AMO shall perform the self-evaluation described in sub-regulation (4) to determine that the maintenance organisation has all of the facilities, equipment, material, technical data, processes, housing, and trained personnel in place to perform the work on the article as required by this regulation.

(6) Where an AMO makes a positive determination under sub-regulation (5), it may list the article on the capability list.

(7) The document of the evaluation described in sub-regulation (4) must be signed by the Accountable Manager and must be retained on file by the AMO.

(8) Upon listing an additional article on its capability list, the AMO shall send a copy of the list to the Authority.

(9) The capability list shall be available in the premises for inspection by the public and the Authority.

(10) The self-evaluations must be available in the premises for inspection by the Authority.

(11) An AMO shall retain a capability list and self-evaluation for two years from the date accepted by the accountable manager.

AMO privileges.

30. - (1) An AMO shall only carry out the following tasks as permitted by and in accordance with the AMO Maintenance Procedures Manual-

(a) maintain an aircraft or aircraft components for which it is rated at the locations identified in the approval certificate;

(b) maintain any aircraft for which it is rated at any location subject to the need for such maintenance arising from unserviceability of the aircraft;

(c) describe the activities in support of a specific AOC holder where that AOC has requested the service of the AMO at locations other than the location identified on the AMO certificate, and the AMO has been rated to maintain the aircraft of that specific AOC holder at the requested location in the AMO specific operating provisions approved by the Authority; and

(d) issue a certificate of release to service in respect of paragraphs (a), (b) and (c) upon completion of maintenance in accordance with limitations applicable to the AMO.

(2) The AMO may maintain or alter any article for which it is rated at a place other than the AMO location if-

(a) the function would be performed in the same manner as when performed at the AMO and in accordance with this Part; or

(b) all necessary personnel, equipment, material, and technical or approved standards are available at the place where the work is to be done; and

(c) the maintenance procedure manual of the station specified approved procedures governing work to be performed at that place other than the location of the AMO.

AMO
limitations

31. An AMO may maintain an aircraft or aircraft component for which it is approved when all necessary housing, facilities, equipment, tools, material, approved technical data and certifying staff are available.

Certificate of
release to
service.

32. -(1) A certificate of release to service shall be issued by certifying staff when satisfied that all required maintenance of the aircraft or aircraft component has been properly carried out by the AMO in accordance with the maintenance procedures specified in the maintenance procedures manual.

(2) An aircraft component, which has been maintained off the aircraft, requires the issue of a certificate of release to service for such maintenance and another certificate of release to service in regard to being installed properly on the aircraft.

(3) A certificate of release to service shall contain-

- (a) basic details of the maintenance carried out;
- (b) the date such maintenance was completed; and
- (c) the identity, including the authorisation reference, of the AMO and certifying staff issuing the certificate.

(4) A certificate of release to service is required-

- (a) before flight at the completion of any package of maintenance scheduled by the approved aircraft maintenance program on the aircraft, whether such maintenance took place as base or line maintenance;
- (b) before flight at the completion of any package of maintenance scheduled by the approved aircraft maintenance program on the aircraft, whether such maintenance took place as base or line maintenance;
- (c) before flight at the completion of any defect rectification, while the aircraft operates between scheduled maintenance; and
- (d) at the completion of any maintenance on an aircraft component when off the aircraft.

(5) A certificate of release to service shall contain the following statement: "Certifies that the work specified was carried out in accordance with current regulations and in respect of that work the aircraft or aircraft component is considered ready for release to service."

(6) A certificate of release to service shall reference the data

specified in the manufacturer's or operator's instructions or the aircraft maintenance program which itself may cross-reference to a manufacturer's instruction in a maintenance manual, service bulletin, or other maintenance-related document.

(7) Where instructions include a requirement to ensure that a dimension or test figure is within a specific tolerance as opposed to a general tolerance, the dimension or test figure shall be recorded unless the instruction permits the use of GO or NO GO gauges and, it shall not be sufficient to state that the dimension or the test figure is within tolerance.

(8) When extensive maintenance has been carried out, it is acceptable for the certificate of release to service to summarise the maintenance as long as there is a cross-reference to the work-pack containing full details of maintenance carried out.

(9) The date such maintenance was carried out shall include when the maintenance took place relative to any life or overhaul limitation in terms of date, flying hours, cycles, landings or some other relevant value as appropriate.

(10) Dimensional information shall be retained in the work-pack record.

(11) The person issuing the certificate of release to service shall use a full signature and preferably a certification stamp.

(12) Where a computer release to service system is used the Authority will need to be satisfied that only the particular person can electronically issue the certificate of release to service.

Maintenance records

33. -(1) An AMO shall record, in a form acceptable to the Authority, all details of work carried out.

(2) An AMO shall provide a copy of each certificate of release to service to the aircraft operator, together with a copy of any specific maintenance data used for repairs or modifications carried out.

(3) An AMO shall retain a copy of all detailed maintenance records and any associated maintenance data for two years from the date the aircraft or aircraft component to which the work relates was released from the AMO.

(4) A person who maintains, performs preventive maintenance, rebuilds, or modifies an aircraft or aircraft component shall-

(a) make an entry in the maintenance record of that equipment showing

- (i) a description and reference to data acceptable to the Authority of work carried out;
 - (ii) the date of completion of the work carried out;
 - (iii) the name of the person performing the work if other than the person specified in this regulation;
 - (iv) the work performed on the aircraft or aircraft component has been performed satisfactorily, the signature, certificate number, and kind of certificate held by the person approving the work; and
 - (v) the authorised signature, which constitutes the approval for return to service, the AMO certificate number and kind of certificate held by the person approving or disapproving for return to service the aircraft, airframe, aircraft engine, propeller, appliance, component part, or portions thereof.
- (b) in addition to the entry specified in paragraph (a), enter on a form major repairs executed by the person performing the work, in the manner prescribed by the Authority.
- (5) A person shall not describe in any required maintenance entry or form an aircraft or aeronautical component as being overhauled unless-
- (a) using methods, techniques and practices acceptable to the Authority, it has been disassembled, cleaned, inspected as permitted, repaired as necessary and reassembled; and
 - (b) it has been tested in accordance with approved standards and technical data, or in accordance with current standards and technical data acceptable to the Authority which have been developed and documented by the holder of the type certificate, supplemental type certificate, or a material, part, process or appliance approval under a TSO.
- (6) A person shall not describe in any required maintenance entry or form, an aircraft or other aircraft components as being rebuilt unless it has been-
- (a) disassembled, cleaned, inspected as permitted;
 - (b) repaired as necessary; and
 - (c) reassembled and tested to the same tolerances and limits as a new item, using either new parts or used parts that either conforms to new part tolerances and limits, or to approved oversized or undersized dimensions.
- (7) A person shall not issue a certificate of release to service to

any aircraft or aircraft component that has undergone maintenance, preventive maintenance, rebuilding, or modification unless-

- (a) the appropriate maintenance record entry specified in sub-regulation (4) has been made; and
- (b) the major repair and major modification form specified in sub-regulation (4) authorized by or furnished by the Authority has been executed in a manner prescribed by the Authority.

(8) If a repair or modification results in any change in the aircraft operating limitations or flight data contained in the approved aircraft flight manual, those operating limitations or flight data shall be appropriately revised and set forth as prescribed by the Authority.

(9) A person approving or disapproving for return to service an aircraft or aircraft component, after any inspection performed in accordance with this regulation, shall make an entry in the maintenance record of that equipment containing the following information-

- (a) the type of inspection and a brief description of the extent of the inspection;
- (b) the date of the inspection and aircraft total time in service;
- (c) the authorised signature, an AMO certificate number, and kind of certificate held by the person approving or disapproving for return to service the aircraft, airframe, aircraft engine, propeller, appliance, component part, or portions thereof;
- (d) if the aircraft is found to be airworthy and approved for return to service, the following or a similarly worded statement “I certify that this aircraft has been inspected in accordance with (insert type of inspection) inspection and was determined to be in airworthy condition;”
- (e) if the aircraft is not approved for return to service because of needed maintenance, non-compliance with the applicable specifications, airworthiness directives, or other approved data, the following or a similarly worded statement: “I certify that this aircraft has been inspected in accordance with (insert type of inspection) inspection and a list of discrepancies and non-airworthy items dated (insert date) has been provided for the aircraft owner or operator;” and
- (f) if an inspection is conducted under an inspection program provided for in this regulation, the entry shall identify the

inspection program accomplished, and contain a statement that the inspection was performed in accordance with the inspections and procedures for that particular program.

(10) If the person performing any inspection required by this regulation finds that the aircraft is not airworthy or does not meet the applicable type certificate data sheet, airworthiness directives, or other approved data upon which that aircraft airworthiness depends, that person shall give the owner a signed and dated list of those discrepancies.

Airworthiness
data.

34. -(1) An AMO shall have airworthiness data appropriate to support the maintenance work performed on the aircraft or aircraft component from the Authority, the design organisation or any other approved design organisation in the State of Manufacture or State of Design, as appropriate.

(2) Maintenance documents include, but are not limited to-

(a) the Civil Aviation (Approved Maintenance Organization) Regulations,

(b) associated advisory material;

(c) airworthiness directives;

(d) manufacturers' maintenance manuals;

(e) repair manuals;

(f) supplementary structural inspection documents;

(g) service bulletins;

(h) service letters;

(i) service instructions;

(j) modification leaflets;

(k) aircraft maintenance program;

(l) Non Destructive Testing Manual; and

(m) Airworthiness Notices issued by the Authority.

(3) The Authority may classify data from another authority or organisation as mandatory and may require the AMO to hold such data.

(4) Where the AMO modifies airworthiness data specified in sub-regulation (1) or (2) to a format or presentation more useful for its maintenance activities, the AMO shall submit to the Authority an amendment to the maintenance procedure manual for any such proposed modifications for acceptance.

(5) All airworthiness data used by the AMO shall be kept current and made available to all personnel who require access to that data to perform their duties.

(6) A procedure shall be established to monitor the amendment status of all data and maintain a check that all amendments are being received by being a subscriber to any document amendment scheme.

(6) Airworthiness data shall be made available in the work area in close proximity to the aircraft or aircraft components being maintained and for supervisors, mechanics and certifying staff to refer to.

(7) Where computer systems are used to maintain airworthiness data, the number of computer terminals shall be sufficient in relation to the size of the work program to enable easy access, unless the computer system can produce paper copies.

(8) Where microfilm or microfiche reader-printers are used, a similar requirement as specified in sub-regulation (8) is applicable.

Reporting of non-airworthy conditions

35. -(1) An AMO shall report to the Authority, the aircraft design organisation of the State of Design any identified condition that could present a serious hazard to the aircraft.

(2) Reports shall be made on a form prescribed by the Authority and contain all pertinent information about the condition known to the AMO.

(3) Where the AMO is contracted by an AOC holder to carry out maintenance, that AMO shall report to the AOC holder any condition affecting the airworthiness of aircraft or aircraft component.

(4) Reports shall be made as soon as practicable, but in any case within three days of the AMO identifying the condition to which the report relates.

Inspections

36. -(1) An AMO shall allow the Authority unlimited access to inspect an approved maintenance organisation and any of its contract maintenance facilities at any time to determine compliance with these Regulations.

(2) Arrangements for maintenance, preventive maintenance, or modifications by a contractor must include provisions for inspections of the contractor by the Authority.

(3) The Authority shall inspect an AMO at least once annually.

Performance standards

37. -(1) An AMO that performs any maintenance, preventive maintenance, or modifications for an AOC holder certificated under the Civil Aviation (Air Operator Certification and Administration)

Regulations, having an approved maintenance programme or an approved continuous maintenance programme shall perform that work in accordance with the AOC holder's manuals.

(2) Except as provided in sub-regulation (1) of this regulation, each AMO shall perform its maintenance and modification operations in accordance with the applicable standards in the Civil Aviation (Airworthiness) Regulations.

(3) An AMO shall maintain, in current condition, all manufacturer's service manuals, instructions, and service bulletins that relate to the articles that it maintains or modifies.

(4) An AMO with an avionics rating shall comply with those requirements of these Regulations that apply to electronic systems, and shall use materials that conform to approved specifications for equipment appropriate to its rating and test apparatus, shop equipment, performance standards, test methods, modifications, and calibrations that conform to the manufacturer's specifications or instructions, approved specification, and if not otherwise specified, in accordance with good practices of the aircraft avionics industry.

(5) An AMO with an avionics rating shall comply with those requirements of these Regulations that apply to electronic systems, and shall use materials that conform to approved specifications for equipment appropriate to its rating and test apparatus, shop equipment, performance standards, test methods, modifications, and calibrations that conform to the manufacturer's specifications or instructions, approved specification, and if not otherwise specified, in accordance with good practices of the aircraft avionics industry.

PART VI EXEMPTIONS

Requirements
for Application

38. -(1) A person may apply to the Authority for an exemption from any of these Regulations.

(2) An application for exemption shall be submitted not less than sixty days before the proposed effective date, to obtain timely review.

(3) A request for an exemption must contain the applicant's-

- (a) name;
- (b) physical address and mailing address;
- (c) telephone number;

- (d) fax number if available; and
- (e) email address if available;

(4) The application shall be accompanied by a fee prescribed by the Authority, for technical evaluation.

Substance of the request for exemption.

39. -(1) An application for exemption shall contain the following-

- (a) a citation of the specific requirement from which the applicant seeks exemption;
- (b) an explanation of why the exemption is needed;
- (c) a description of the type of operations to be conducted under the proposed exemption;
- (d) the proposed duration of the exemption;
- (e) an explanation of how the exemption shall benefit the public ;
- (f) a detailed description of the alternative means by which the applicant will ensure a level of safety equivalent to that established by the regulation in question; and
- (g) a review and discussion of any known safety concerns with the requirement, including information about any relevant accidents or incidents of which the applicant is aware.

(2) Where the applicant seeks emergency processing, the application must contain supporting facts and reasons that the application was not timely filed, and the reasons as to why it is an emergency.

(3) The Authority may deny an application if it finds that the applicant has not justified the failure to apply for an exemption within the prescribed time.

Review, Publication and Issue or Denial of the Exemption.

Initial review by the Authority

40. -(1) The Authority shall review the application for accuracy and compliance with the requirements of Regulations 38 and 39.

(2) If the application appears on its face to satisfy the provisions of this regulation and the Authority determines that a review of its merits is justified, the Authority shall publish a detailed summary of the application in either the [State] Gazette, aeronautical information circular or at least one local daily newspaper for comment and specify the date by which comments shall be received by the Authority for

consideration.

(3) Where the filing requirements of Regulations 38 and 39 have not been met, the Authority notify the applicant and take no further action until and unless the applicant corrects the application and re-files it in accordance with these Regulations.

(4) If the request is for emergency relief, the Authority shall publish the application or the Authority's decision as soon as possible after processing the application.

Evaluation of
the request.

41. - (1) After initial review, if the filing requirements have been satisfied, the Authority shall conduct an evaluation of the request to determine-

- (a) whether an exemption shall be in the public interest;
- (b) whether the applicant's proposal shall provide a level of safety equivalent to that established by the regulation, provided that where the Authority decides that a technical evaluation of the request shall impose a significant burden on the Authority's technical resources, the Authority may deny the exemption on that basis;
- (c) whether a grant of the exemption shall contravene the applicable ICAO Standards and Recommended Practices; and
- (d) whether the request shall be granted or denied, and of any conditions or limitations that shall be part of the exemption.

(2) The Authority shall notify the applicant by letter and publish a detailed summary of its evaluation and decision to grant or deny the request.

(3) The summary referred to in sub-regulation (2) shall specify the duration of the exemption and any conditions or limitations of the exemption.

(4) If the exemption affects a significant population of the aviation community of the [State] the Authority shall publish the summary in Aeronautical Information Circular.

PART VII GENERAL PROVISIONS

Possession of the licence, certificate or authorisation.

42. A holder of a licence, certificate or authorisation issued by the Authority shall have in his physical possession or at the work site when exercising the privileges of that licence, certificate or authorisation.

Access for inspection.

43. An AMO shall for the purpose of inspection-

- (a) grant the Authority unrestricted access to any of its organisation premises, allied facilities and aircraft; and
- (b) ensure that the Authority is granted unrestricted access to any organisation or facilities that it has contracted for services associated with maintenance for aircraft.

Drug and alcohol testing and reporting

44. - (1) A person who performs any function requiring the Authority's approval may be tested for drug or alcohol usage.

(2) Where the Authority or any person authorised by the Authority wishes to test a person referred to in sub regulation (1) for the percentage by weight of alcohol in the blood, or for the presence of narcotic drugs, marijuana, or depressant or stimulant drugs or substances in the body, and that person.

- (i) refuses to submit to the test; or
- (ii) having submitted to the test, refuses to authorise the release of the test results the Authority may suspend or revoke the certificate of the AMO that employs that person.

(3) In determining whether to suspend or revoke the certificate of the AMO, the Authority shall consider all relevant factors, including-

- (a) whether the AMO had knowledge of the drug or alcohol use;
- (b) whether the AMO encourage the person to refuse the drug or alcohol test;
- (c) whether the AMO dismissed the person who failed or refused the drug tests; or
- (d) the position that person held in the AMO.

(4) The Authority shall require the AMO to show cause why that person should not be dismissed from the employment of the AMO.

(5) A person who is convicted, whether in or outside the [State], for any offence relating to the growing, processing, manufacture, sale, disposition, possession, transportation, or importation of narcotic drugs, marijuana, or depressant or stimulant drugs or substances, shall be dismissed from the employment of the AMO

(6) The Authority may suspend or revoke the certificate of an AMO that refuses to dismiss from its employment a person convicted under sub regulation (4)

Display of certificate.

45. A holder of an AMO certificate shall display a valid certificate issued to him to the public at all times.

Inspection of licences, certificates and authorisation

46. A person who holds a licence, certificate, or authorisation required by these Regulations shall present it for inspection upon a request from the Authority or any other person authorised by the Authority.

Change of Name.

47. -(1) A holder of a certificate issued under these Regulations may apply to change the name on the certificate.

(2) The holder shall include with any such request-

(a) the current certificate; and

(b) a legal document verifying the change of name;

(3) The Authority may change the certificate and issue a replacement thereof;

(4) The Authority shall return to the holder the original documents specified in sub-regulation 2(b) and retain copies thereof and return the replaced certificate with an endorsement that it has been cancelled.

Change of Address.

48. -(1) A holder of a certificate, or authorisation issued under these Regulations shall notify the Authority of the change in the physical and mailing address and shall do so in the case of-

(a) physical address, at least fourteen days in advance; and

(b) mailing address upon the change;

(2) A person who does not notify the Authority of the change in the physical address within the time frame specified in sub-regulation (1) shall not exercise the privileges of the certificate or authorisation.

Replacement of documents.

49. A person may apply to the Authority in the prescribed form for replacement of documents issued under these Regulations if such documents are lost or destroyed.

Suspension and Revocations of Certificate

50. -(1) The Authority may, where it considers it to be in the public interest, suspend provisionally, pending further investigation, any certificate, authorisation or such other document issued, granted or having effect under these Regulations.

(2) The Authority may, upon the completion of an investigation which has shown sufficient ground to its satisfaction and where it considers it to be in the public interest, revoke, suspend, or vary any certificate, authorisation or such other document issued or granted under these Regulations.

(3) The Authority may, where it considers it to be in the public interest, prevent any person or aircraft from flying.

(4) A holder or any person having the possession or custody of any certificate, authorisation or such other documents which has been revoked, suspended or varied under these Regulations shall surrender it to the Authority within 14 days from the date of revocation, suspension or variation.

(5) The breach of any condition subject to which any certificate, authorisation or such other document has been granted or issued under these Regulations shall render the document invalid during the continuance of the breach.

Use and retention of certificates and records

51. -(1) A person shall not:

- (a) use any certificate, approval, permission, exemption or other document issued or required by or under these Regulations which has been forged, altered, revoked, or suspended, or to which he is not entitled; or
- (b) forge or alter any certificate, approval, permission, exemption or other document issued or required by or under these Regulations; or
- (c) lend any certificate, approval, permission, exemption or other document issued or required by or under these Regulations to any other person; or

(d) make any false representation for the purpose of procuring for himself or any other person the grant issue renewal or variation of any such certificate, approval, permission or exemption or other document.

(e) make any false representation for the purpose of procuring for himself or any other person the grant issue renewal or variation of any such certificate, approval, permission or exemption or other document.

(2) During the period for which it is required under these Regulations to be preserved, a person shall not mutilate, alter, render illegible or destroy any records, or any entry made therein, required by or under these Regulations to be maintained, or knowingly make, or procure or assist in the making of, any false entry in any such record, or wilfully omit to make a material entry in such record.

(3) All records required to be maintained by or under these Regulations shall be recorded in a permanent and indelible material.

(4) A person shall not purport to issue any certificate or any other document for the purpose of these Regulations unless he is authorised to do so under these Regulations.

(5) A person shall not issue any certificate of the kind referred to in sub-regulation (4) unless he has satisfied himself that all statements in the certificate are correct, and that the applicant is qualified to hold that certificate.

Reports of violation

52. - (1) Any person who knows of a violation of the Civil Aviation Act, or any rule, Regulation, or order issued thereunder, shall report it to the Authority.

(2) The Authority will determine the nature and type of any additional investigation or enforcement action that need be taken.

Enforcement of directions.

53. Any person who fails to comply with any direction given to him by the Authority or by any authorised person under any provision of these Regulations shall be deemed for the purposes of these Regulations to have contravened that provision.

Aeronautical
user fees

54. - (1) The Authority may notify the fees to be charged in connection with the issue, validation, renewal, extension or variation of any certificate, authorisation or such other document, including the issue of a copy thereof, or the undergoing of any examination, test, inspection or investigation or the grant of any permission or approval, required by, or for the purpose of these Regulations any orders, notices or proclamations made thereunder.

(2) Upon an application being made in connection with which any fee is chargeable in accordance with the provisions of sub-regulation (1), the applicant shall be required, before the application is entertained, to pay the fee so chargeable.

(3) If, after that payment has been made, the application is withdrawn by the applicant or otherwise ceases to have effect or is refused, the Authority, shall not refund the payment made.

Application of
regulations to
Government and
visiting forces,
etc.

55. -(1) These Regulations shall apply to aircraft, not being military aircraft, belonging to or exclusively employed in the service of the Government, and for the purposes of such application, the department or other authority for the time being responsible for management of the aircraft shall be deemed to be the operator of the aircraft, and in the case of an aircraft belonging to the Government, to be the owner of the interest of the Government in the aircraft.

(2) Except as otherwise expressly provided, the naval, military and air force authorities and member of any visiting force and property held or used for the purpose of such a force shall be exempt from the provision of these regulations to the same extent as if the visiting force formed part of the military force of the [State].

Extra-territorial
application of
Regulations

56. Except where the context otherwise requires, the provisions of these Regulations shall-

- (a) in so far as they apply, whether by express reference or otherwise, to aircraft registered in [State], apply to such aircraft wherever they may be;
- (b) in so far as they apply, whether by express reference or otherwise, to other aircraft, apply to such aircraft when they are within the [State];

- (c) in so far as they prohibit, require or regulate, whether by express reference or otherwise, the doing of anything by any person in, or by any of the crew of, any aircraft registered in [State], shall apply to such persons and crew, wherever they may be; and
- (d) in so far as they prohibit, require or regulate, whether by express reference or otherwise, the doing of anything in relation to any aircraft registered in [State] by other persons shall, where such persons are citizens of the [State], apply to them wherever they may be.

PART VIII
OFFENCES AND PENALTIES

Contravention
of
Regulations

57. A person who contravenes any provision of these Regulations may have certificate, authorisation or such other document revoked or suspended.

Penalties

58. -(1) If any provision of these Regulations, orders, notices or proclamations made there under is contravened in relation to an aircraft, the operator of that aircraft and the pilot-in-command, if the operator or, the pilot in command is not the person who contravened that provision he shall, without prejudice to the liability of any other person under these Regulations for that contravention, be deemed for the purposes of the following provisions of this Regulation to have contravened that provision unless he proves that the contravention occurred without his consent or connivance and that he exercised all due diligence to prevent the contravention.

(2) If it is proved that an act or omission of any person, which would otherwise have been a contravention by that person of a provision of these Regulations, orders, notices or proclamations made there under was due to any cause not avoidable by the exercise of reasonable care by that person, the act or omission shall be deemed not to be a contravention by that person of that provision.

(3) Where a person is charged with contravening a provision of these Regulations orders, notices or proclamations made there under by reason of his having been a member of the flight crew of an aircraft on a flight for the purpose of commercial air transport operations, the flight shall be treated, without prejudice to the liability of any other person under these Regulations, as not having been for that purpose if he proves that he neither knew nor had reason to know that the flight was for that purpose.

(4) A person who contravenes any provision of these Regulations, orders, notices or proclamations made thereunder not being a provision referred to in sub-regulation (9) shall, upon conviction, be liable to a fine, and in the case of a continuing contravention, each day of the contravention shall constitute a separate offence.

(5) In case an aircraft is involved in a contravention and the contravention is by the owner or operator of the aircraft, the aircraft shall be subject to a lien for the penalty.

(6) Any aircraft subject to alien for the purpose of sub-regulation (5) may be seized by and placed in the custody of the Authority;

(7) The aircraft shall be released from custody of the Authority upon-

(a) payment of the penalty or the amount agreed upon in compromise;

(b) deposit of a bond in such amount as the Authority may prescribe, conditioned upon payment of the penalty or the amount agreed upon in compromise;

(c) receiving an order of the court to that effect.

(8) The Authority and any person specifically authorised by name by him or any police officer not below the rank of inspector specifically authorised by name by the Minister, may compound offences under Part A of the Schedule to these Regulations by assessing the contravention and requiring the person reasonably suspected of having committed the offence to pay to the Authority a sum equivalent in [State] shillings of one hundred United States dollars and three hundred United States dollars for provisions referred to in sub-part (i) and sub-part (ii) respectively in Part A of the Schedule to these Regulations.

(9) If any person contravenes any provision specified in Part B of the Schedule to these Regulations, upon conviction is liable to a fine not less than the equivalent in [State] Shillings of one thousand United States Dollars or to imprisonment for a term of twelve months or to both.

(10) Where any person is aggrieved by any order made under sub-regulation (8), he may, within twenty one days of such order being made, appeal against the order to a higher court and the provisions of Part X of the Criminal Procedure Act, shall apply *mutatis mutandis*, to every such appeal as if it were an appeal against a sentence passed by a district court in the exercise of its original jurisdiction.

FIRST SCHEDULE

Regulation 30(11)

MAINTENANCE PROCEDURES MANUAL FORMAT

Part 1 - Management

- 1.1 Corporate commitment by the accountable manager
- 1.2 Management personnel
- 1.3 Duties and responsibilities of the management personnel
- 1.4 Management Organisation Chart
- 1.5 List of certifying staff. Note: A separate document may be referenced
- 1.6 Manpower resources
- 1.7 General description of the facilities at each address intended to be approved.
- 1.8 Organisation's intended scope of work
- 1.9 Notification procedure to the Authority regarding changes to the organisation's activities/approval/location/personnel
- 1.10 Manual amendment procedures

Part 2 - Maintenance Procedures

- 2.1 Supplier evaluation procedure
- 2.2 Acceptance/inspection of aircraft components and material from outside contractors.
- 2.3 Storage, tagging and release of aircraft components and material to aircraft maintenance
- 2.4 Acceptance of tools and equipment
- 2.5 Calibration of tools and equipment
- 2.6 Use of tooling and equipment by staff (including alternate tools)
- 2.7 Cleanliness standards of maintenance facilities
- 2.8 Maintenance instructions and relationship to aircraft/aircraft component manufacturers' instructions including updating and availability to staff
- 2.9 Repair procedure
- 2.10 Aircraft maintenance program compliance
- 2.11 Airworthiness Directives procedure
- 2.12 Optional modification procedure
- 2.13 Maintenance documentation in use and completion of same
- 2.14 Technical record control
- 2.15 Rectification of defects arising during base maintenance
- 2.16 Release to service procedure
- 2.17 Records for the air carrier operator
- 2.18 Reporting of defects to the Authority/Operator/Manufacturer

- 2.19 Return of defective aircraft components to store
- 2.20 Defective components to outside contractors
- 2.21 Control of computer maintenance record systems
- 2.22 Reference to specific maintenance procedures such as:
 - (i) Engine running procedures,
 - (ii) Aircraft pressure run procedures,
 - (iii) Aircraft towing procedures,
 - (iv) Aircraft taxiing procedures.

Part L2 - Additional Line Maintenance Procedures

- L2.1 Line maintenance control of aircraft components, tools, equipment, etc.
- L2.2 Line maintenance procedures related to servicing/fuelling/de-icing, etc.
- L2.3 Line maintenance control of defects and repetitive defects
- L2.4 Line procedure for completion of technical log
- L2.5 Line procedure for pooled parts and loan parts
- L2.6 Line procedure for return of defective parts removed from aircraft

Part 3 - Quality System Procedures

- 3.1 Quality audit of organisation procedures
- 3.2 Quality audit of aircraft
- 3.3 Quality audit remedial action procedure
- 3.4 Certifying staff qualification and training procedures
- 3.5 Certifying staff records
- 3.6 Quality audit personnel
- 3.7 Qualifying inspectors
- 3.8 Qualifying mechanics
- 3.9 Exemption process control
- 3.10 Concession control for deviation from organisations' procedures
- 3.11 Qualification procedure for specialised activities such as non-destructive testing, welding, etc.
- 3.12 Control of manufacturers' working teams

Part 4 - Documentation

- 4.1 Contracted air operators
- 4.2 Air operator procedures and paperwork
- 4.3 Air operator record completion

Part 5 - Appendices

- 5.1 Sample of documents
- 5.2 List of subcontractors
- 5.3 List of line maintenance locations

SECOND SCHEDULE

Regulation 57(8) and (9)

PENALTIES

REG. NO.	TITLE	PART
8	Certificate and Specific Operating Provisions.	B
9	Advertising.	B
12(2)	Validity and renewal of certificates	A(ii)
28	Rest and duty limitations for persons performing maintenance functions in an AMO.	A(ii)
29	Record of certifying staff.	A(ii)
30	AMO maintenance procedures manual.	A(ii)
33(1)	AMO privileges.	B
35	Certificate of release to service.	B
36	Maintenance records.	B
37	Airworthiness data.	A(ii)
38	Reporting of unairworthy conditions.	A(ii)
39	Inspections	B
44	Display of certificates	A(ii)
50	Use and retention of certificates and records.	B

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....., *Minister for*