

AERONAUTICAL NOTICE

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IRELAND

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LICENSED AIRCRAFT MAINTENANCE ENGINEERS CERTIFICATION RESPONSIBILITIES IN RELATION TO ARTICLE 61(2) OF THE IRISH AVIATION AUTHORITY (PERSONNEL LICENSING) ORDERS, 2000 TO 2003.

The Irish Aviation Authority, with reference to the Irish Aviation Authority (Personnel Licensing) orders 2000 to 2003, and in pursuance of Articles 4 and 61 of the Irish Aviation Authority (Personnel Licensing) Order 2000 (S.I. No. 333 of 2000) as amended, hereby prescribes the responsibilities of aircraft maintenance engineers licensed in Category A, Category C and Category A & C Rotorcraft and their privileges in respect of avionics equipment:-

1. DEFINITIONS

Assembly means items put together, fitted assembled attached, installed, connected secured or adjusted correctly in an approved manner.

Certificate of Release to Service	has the meaning assigned to it in Article 2 of the Irish Aviation Authority (Airworthiness of Aircraft) Order 1996 (S.I. 324 of 1996) as amended.
Condition	means the physical state of an item.
Maintenance	means any one or combination of overhaul, repair, inspection, replacement, modification or defect rectification of an aircraft / aircraft component.
Overhaul	means the restoration of an aircraft/aircraft component by inspection and replacement in conformity with an approved standard to extend the operational life.
Repair	means the restoration of an aircraft/aircraft component to a serviceable condition in conformity with an approved standard.

Inspection	means the restoration of an aircraft/aircraft component to establish conformity with an approved specification and includes: (i) Mandatory examinations as indicated in Aeronautical Notice No. A5 (ii) Scheduled maintenance inspection, an inspection or maintenance including tests required by the approved maintenance schedule.
Replacement	means any work operation which involves the removal and replacement of the same part or the substitution of an approved alternative part.
Modification	has the meaning assigned to it Aeronautical Notice No. A6.
Functioning	means an operation in the approved manner achieving such performance, range of movement and freedom of movement as may be specified.
Avionic Equipment	Means any electronic device (and any electrical or mechanical part thereof) for use in an aircraft, including the radio, automatic flight control, electrical and instrument systems of an aircraft.
Defect	normally consists of an element of inspection and rectification troubleshooting followed by repair and replacement of the defective item.

2. RESPONSIBILITY

- 2.1 The primary duty of all persons to whom this notice applies is to ensure that the items for which they are responsible are in an airworthy condition.
- 2.2 Whenever work is done on an aircraft, it is the duty of all persons to whom this notice applies to consider the effect such may have, directly or indirectly, on items which are the responsibility of other such persons. In all cases where an overlap of responsibilities occurs, the person primarily responsible for the item must call in other appropriately licensed person(s). To be able to do this, every person to whom this notice applies must be conversant with all relevant paragraphs of this Notice since Certificates of Release to service must be issued by all persons concerned, each assuming responsibility for those aspects of the matter for which he/she is entitled to assume responsibility.
- 2.3 Subject to the rating of the category of licence held, the responsibilities of licensed aircraft engineers in connection with Certificates of Release to Service are specified in the relevant paragraphs of this Notice.

3. CATEGORY A – AIRCRAFT (excluding engines)

3.1 In connection with maintenance, inspections modifications, repairs and replacements the engineer licensed in category A is responsible for the condition, assembly and functioning of all parts of the aircraft other than those shown in this notice to be the responsibility of engineers licensed in other categories.

3.2 The engineer licensed in Category A may issue Certificates of Release to Service relating to maintenance, inspection, modification, repairs and replacement of parts of the aircraft for which he/she is responsible, provided that the work has not involved any of the following:

- Bolted joints requiring special techniques
- Complete riveted joints in structures
- Complete glued joints in structure
- Reduced and other bonded joints in structure
- Welded and brazed joints
- Fabric covering of a complete fuselage or aerofoil
- Composite material primary structure
- The disturbing of individual parts of units which are supplied as bench tested units, except for the replacement or adjustment of items normally replaceable or adjustable in service where subsequent functioning may be proved without the use of test apparatus additional to the apparatus used for normal functioning checks.

3.3 An engineer licensed in Category A may also assume the privileges of Category X licences, except overhaul, as follows;

Certificates of release to Service may be issued in respect of the maintenance of avionic equipment (except systems associated with the engine) subject to the limitation that they apply to REPLACEMENT ONLY and that functioning checks to prove serviceability do not require the use of test apparatus.

4. CATEGORY C ENGINES (other than those installed in rotorcraft)

4.1 In connection with maintenance, inspections, modifications, repairs and replacements the engineer licensed in Category C is responsible for the condition, assembly and functioning of the engine installation and all associated devices which are concerned with the operation of the engine as a propulsive unit other than those shown in this Notice to be the responsibility of the engineers licensed in other Categories.

4.2 The engineer licensed in Category C is responsible in conjunction with other licensed engineers for devices related to the engine which are not concerned with the operation of the engine as a propulsive unit.

4.3 The engineer licensed in Category C may issue Certificates of Release to Service relating to maintenance, inspections, modifications, repairs and replacement of components and parts for which he/she is responsible, provided that the work has not involved any of the following;

- Dismantling of a piston engine other than to obtain access to the pistons, cylinders and valve gears.
- Dismantling of main casings and rotating assemblies of a turbine engine
- The removal and dismantling of reduction gears.
- Propeller balancing.
- Welding or brazed joints.
- The disturbing of individual parts of units which are supplied as bench tested units, except for the replacement or adjustment of items normally replaceable or adjustable in service where subsequent functioning may be proved without the use of test apparatus additional to the apparatus used for normal functioning checks.

4.4 An engineer licensed in Category C may also assume privileges of Category X licences, except overhaul, as follows;

Certificates of release to Service may be issued in respect of avionic equipment associated with the engine subject to the limitation that they apply to REPLACEMENT ONLY and that functioning checks to prove serviceability do not require the use of test apparatus.

5. CATEGORY A & C ROTORCRAFT

5.1 In connection with the maintenance, inspection, modification, repairs and replacement, the engineer licensed in Category A & C is responsible for the condition, assembly and functioning of all parts of the rotorcraft other than those shown in this Notice to be the responsibility of engineers licensed in other categories.

5.2 The engineer licensed in Category A & C issue certificates of release to service relating to maintenance, inspection, modification, repairs and replacement of parts of the Rotorcraft for which he/she is responsible provided that the work does not involve any of the following:

- Bolted joints requiring special techniques
- Complete riveted joints in structures.
- Complete glued joints in structures.
- Reduced or other bonded joints in structures.
- Welded or brazed joints.
- Fabric covering of a complete fuselage or aerofoil.
- Composite material primary structure.
- Dismantling of a piston engine other than to gain access to pistons.

- Dismantling of main castings and rotating assemblies of a turbine engine.
- Dismantling of transmission gearbox casings other than to obtain access for internal inspections.
- The disturbing of individual parts of units which are supplied as bench tested units, or of major components of transmission systems, except for the replacement or adjustment of items normally replaceable or adjustable in service where subsequent functioning may be proved without the use of test apparatus additional to the apparatus used for normal functioning checks.

5.3 An engineer licensed in Category A & C may also assume privileges of Category X licences, except overhaul, as follows;

Certificates of release to Service may be issued in respect of avionic equipment subject to the limitation that they apply to REPLACEMENT ONLY and that functioning checks to prove serviceability do not require the use of test apparatus.

Chief Executive
Irish Aviation Authority