

NEPALESE CIVIL AIRWORTHINESS REQUIREMENTS

SECTION F

AIRCRAFT MAINTENANCE TECHNICIAN LICENCES

CHAPTER F.1

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LICENCE CATEGORIES, RATINGS AND PRIVILEGES

1. APPLICABILITY

- 1.1 Section F of Nepalese Civil Airworthiness Requirements, pursuant to the Regulation prescribes requirements for the grant, renewal or extension of aircraft maintenance technician licences. It also prescribes the privileges and limitations of each category of licence.

Note: This issue of Section F prescribes requirements for Type II licences only. The Director General does not issue Type I licences. Major maintenance on aircraft or aircraft components is carried-out and certified by a person or organization approved for the purpose.

- 1.2 The standards of knowledge and experience prescribed in these Requirements conform to those specified in Annex 1 to the Convention on International Civil Aviation.

2. DEFINITIONS

In this Section 'F' the following definitions shall apply:

Aircraft Maintenance Technician Licence: A document issued by the State authorizing the holder to exercise specified privileges, including the issuance of required certificates concerning the Airworthiness of aircraft and components.

Licence Type: Pursuant to Annex 1 of the Convention on International Civil Aviation, two types of aircraft maintenance technician licences may be issued. A Type II licence authorizes the holder to certify minor maintenance for the aircraft or aircraft components for which it is rated. A Type I licence authorizes the holder to certify major maintenance for the aircraft or aircraft components for which it is rated.

Licence Category: Issuing a licence in a particular category limits the privileges of the licence to the certification of particular portions of an aircraft or particular aircraft components defined by the category.

Licence Rating: A rating on an aircraft maintenance technician licence identifies the particular types or groups of aircraft, aircraft systems or aircraft components which may be certified by the licence holder within the scope of his licence categories.

Grant, in relation to a licence, means initial issue of a licence category or licence rating.

Extension, in relation to a licence, means the addition of further types or groups of aircraft or aircraft components to an already rated licence or the addition of another category.

Renewal, in relation to a licence, means the restoration of the validity of a licence rating if the validity has lapsed at the end of a specified calendar period or for any other reason.

3. LICENCE CATEGORIES

3.1 The Director General may grant aircraft maintenance technician licences Type II, in the following categories:

- Category 'A' for Airframes
- Category 'C' for Engines
- Category 'X' (Electrical) for Aircraft Electrical Systems.
- Category 'X' (Instruments) for Instrument Systems, including Compasses and Autoflight Systems
- Category 'R' for Radio and Associated Avionic Systems.

3.2 The Director General may issue approval to a maintenance organization/person or may issue a Letter of Validation/Letter of Authority, as appropriate to the holder of aircraft maintenance technician licence, Type I, in such categories as he considers necessary to carry out and certify major maintenance.

3.3 An aircraft maintenance technician licence may be granted with privileges restricted by limitations if the Director General considers this is warranted by the knowledge or experience of the applicant.

4. LICENCE RATINGS

Each category of licence may be rated as follows:

4.1 Category 'A'

Group 1. Aeroplanes:

Twin Otter DHC-6 series
Harbin Y-12 (II)
Biman - 1 series, Aeroprakt, Cruise, Edge Airborne

Aeroplanes of such complexity that a company in-house course must be successfully completed before a rating is granted

Group 2. Aeroplanes:

Aeroplanes of such complexity that an approved type course must be successfully completed before a rating is granted.
Dornier DO-228 series (-100, -101, -201, -202/K and -212)
British Aerospace HS 748 series (2A and 2B)
Boeing 757-2F8,

Raytheon Beech 1900 (C and D)
ATR 42-320
SAAB - 340A
Jetstream J41

Group 3. Rotorcraft:

An approved type course must be successfully completed for the grant of a rating and a rating will be granted only to an applicant who also qualifies for a rating for the engine of the particular helicopter.

Eurocopter Super Puma	AS-332 (L and L1)
Eurocopter Ecureuil	AS 350 series (B, BA and B2)
Kazan/Ulan Uday/MIL	MI-17 (MI-8AMT and MTV-1V)
Kawasaki	BK117-B1
Bell	Bell 206 series (-L3,-L4,B3)

4.2 Category 'C' Engines

Group 1. Piston Engines:

Rotax-582
IO-240 Teledyne Continental

Group 2. Gas Turbine Engines:

An approved type course on the engine type must be successfully completed for the grant of a rating and a rating for a helicopter engine will be granted only to an applicant who also qualifies for a rating for the airframe of the particular helicopter.

UACL/Pratt and Whitney	PT 6A series (-27,-34,65B and 67D) P & W 121
Garret	TPE-331(-5/ 5A, 5B, -10 and -14)
Rolls-Royce	DART MK 534-2, RB-211-535E4
Air Research	GTCP 85-98, GTCP 331-200
General Electric	GECT7-5A2
Turbomeca	MAKILA-1A ARRIEL-1 series
Zaparojhe	TV3-117VM AI-9V (APU)
Lycoming	LTS-101-750B1
Allison	C25-30P

4.3 Category 'X' (Electrical)

Group 1. Simple Electrical Systems:

Electrical systems with D.C. power generation or A.C. systems of less than 5 kw capacity of all aircrafts other than listed in Group2.

In-house training course should be successfully completed for rating.

Group 2. Type Electrical Systems:

Rating on the electrical systems of the following aircraft types will only be granted after successful completion of an approved type course:

Dornier	DO-228 series (-101,201,202 and -212)
British Aerospace	HS-748 series (-2A and -2B)
Boeing	B757-2F8
Raytheon	Beech 1900 (C and D)
	ATR 42-320
	SAAB-340A
Jetstream	J41
Eurocopter Super Puma	AS 332 series (L and L1)
Kazan/Ulan Uday/MIL	MI-17series(MI-8AMT and MTV-1V)
Kawasaki	BK 117-B1

4.4 **Category 'X' (Instruments)**

Group 1. Simple Instrument Systems:

Instruments and instrument systems without electronic amplifiers of all aircraft other than those listed in Group 2.

In-house training course should be successfully completed for rating.

Group 2. Type Instrument Systems:

Ratings on the instruments, flight data recorders, auto-flight systems, compasses and instrument systems and of the following aircraft types will only be granted after successful completion of an approved type course:

Dornier	DO-228 series (-101,201,202 and -212)
British Aerospace	HS-748 series (-2A and -2B)
Boeing	B757-2F8
Raytheon	Beech 1900 series (C and D)
	ATR 42-320
	SAAB-340A
Jetstream	J41
Eurocopter Super Puma	AS 332 series (L and L1)
Kazan/Ulan Uday/MIL	MI-17 series (MI-8AMT and MTV-1V)
Kawasaki	BK 117-B1

4.5 **Category 'R' (Radio and Associated Avionic Systems)**

Group 1. Radio communication systems, including VHF, HF, selcal, emergency locator transmitters, voice recorder and audio systems.

Group 2. Radio navigation systems, including ADF, VOR, ILS, VLF/OMEGA, GPS, TCAS and CW hyperbolic systems.

Group 3. Secondary radar systems, including DME and ATC transponder systems.

Group 4. Primary radar, pluse and FM systems, including weather radar and radio altimeter systems.

Note: Applicants must hold Group 1 rating before applying for Group 2, 3 or 4.

5. PRIVILEGES

5.1 An aircraft maintenance technician licence Type II authorizes the holder to issue certificates within the scope of the categories of the licence, and with respect to the aircraft components or aircraft systems for which it is rated, as follows:

- a) Issue a Maintenance Release or a Certificate of Fitness for Flight in accordance with Chapter C.3.
- b) Issue a Certificate of Compliance after minor maintenance in accordance with Chapter C.2.

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Note: A Certificate of Compliance and Release Note after major maintenance may only be issued by the holder of an aircraft maintenance technician licence Type I under the authority of Letter of Validation/Letter of Authority or by a person or organization approved for the purpose.

5.2 The privileges of the holder of an aircraft maintenance technician licence Type II specified in 5.1, shall be exercised only :-

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a) in respect of such :-

- 1) aircraft as are entered in the in their entirety either specifically or under broad categories; or
- 2) airframes and powerplants aircraft systems and components as are entered on the licence either specifically or under broad categories; and/or
- 3) aircraft avionic systems or components as are entered on the licence either specifically or under broad categories;

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- b) provided that the licence holder is familiar with all the relevant information relating to the maintenance and airworthiness of the particular aircraft for which the licence holder is signing a Maintenance Release, or such airframe, powerplant, aircraft system or component and aircraft avionic system or component which the licence holder is certifying as being airworthy; and
- c) on condition that, within the preceding 24 months, the licence holder has either had experience in the inspection, servicing or maintenance of an aircraft or components in accordance with the privileges granted by the licence held for not less than six months, or has met the provision for the issue of a licence with the appropriate privileges, to the satisfaction of the Licencing Authority.

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5.3 When a Contracting State authorizes an approved maintenance organization to appoint non-licensed personnel to exercise the privileges of 5.1 & 5.2, the person appointed shall meet the requirements specified in NCAR chap F.3.