



AIRCRAFT MAINTENANCE ENGINEER LICENCE (LWTR)

AIR NAVIGATION ORDER

VERSION : 2.0
DATE OF IMPLEMENTATION : 25-10-2009
OFFICE OF PRIME INTEREST : Personnel Licensing Office

| | NAME | DESIGNATION | SIGNATURE |
|--------------------|---|--|-----------|
| PREPARED BY | FAISAL M. ANSARI | Deputy Manager Licensing | |
| REVIEWED BY | Captain SYED AFTAB HUSSAIN | General Manager Licensing | |
| VERIFIED BY | MUHAMMAD NASIM ZAFAR | Chief Legal Services | |
| APPROVED BY | Air Commodore (Retd) M. JUNAID AMEEN | Director General Civil Aviation Authority | |
| TYPE OF DOCUMENT | AIR NAVIGATION ORDER (ANO). | | |
| STATUS OF DOCUMENT | CONTROLLED | | |

A. AUTHORITY:

A1. This Air Navigation Authority (ANO) is issued by the Director General Civil Aviation Authority in pursuance of the powers vested in him under rules 4(3), 51, 357, 360 and all other enabling provisions of the Civil Aviation Rules, 1994 (CARs, 94).

B. PURPOSE:

B1. The purpose of this ANO is to provide regulatory framework for the issuance, extension and renewal of Aircraft Maintenance Engineer Licences without Type Rating (LWTR) in specific category / categories.

C. SCOPE:

C1. This ANO governs the issue, extension and renewal of Aircraft Maintenance Engineer Licence without Type Rating (LWTR) in specific category / categories issued under part V, section 2 of CARs, 94.

C2. All persons intending to act as an Aircraft Maintenance Engineers shall besides provisions of CARs, 94 comply with the instructions contained in this ANO, other related ANOs, Air Safety Circulars (Licensing), Airworthiness Notices and other relevant instructions issued from time to time.

C3. Aircraft type rating on narrow and wide body aircraft / equipment shall be governed by the ANO issued by Airworthiness Directorate.

D. DESCRIPTION:

D1. DEFINITIONS:

The following terms shall have the meanings assigned to them hereunder. Any other term not defined here shall have the same meanings as given in Civil Aviation Ordinance, 1960 and Civil Aviation Rules, 1994 (CARs, 94).

D1.1 AME LOGBOOK:

AME Logbook is a verifiable record of maintenance and engineering activities of a person.

D1.2 APPROVED BASIC COURSE:

A basic course / syllabus used for the acquisition of LWTR / AME type rating and duly approved by the Licensing Authority / Airworthiness Directorate.

D1.3 APPROVED PERSON:

A person duly approved, to perform a licensing function for LWTR and issued with an approval certificate by the Licensing Authority. A person already approved by the Airworthiness Directorate for type rating endorsement functions will qualify for the LWTR licensing functions.

D1.4 COMPANY AUTHORIZED PERSON:

A person nominated by the company to communicate with PCAA on licensing matters on behalf of the company.

D1.5 CATEGORY (BASIC):

A particular area of aircraft / equipment identified for maintenance purposes.

D1.6 CONCURRENT EXPERIENCE:

Simultaneous experience gained on the sub-categories of Aerospace category (A & C); or the simultaneous experience gained on the sub-sub categories of sub-category X or sub-category R.

D1.7 RECENT PRACTICAL MAINTENANCE EXPERIENCE:

Recent practical experience is the experience period upto the date of application for issue of LWTR. Recent practical experience for extension of categories is started from the date of application for endorsement of the last category.

D1.8 REPAIR:

The restoration of an aeronautical product to an airworthiness condition to ensure that the aircraft continues to comply with the design aspects of the appropriate airworthiness requirements used for the issuance of the Type Certificate for the respective aircraft type, after it has been damaged or subjected to wear.

D1.9 REVALIDATION:

Where the privileges of an LWTR; have not been exercised for a specified period, the LWTR shall require a Revalidation.

D1.10 RENDERING (A LICENCE) VALID:

The action taken by PCAA, as an alternative to issuing its own licence, in accepting a licence issued by any other contracting state as an equivalent of its own licence.

D1.11 AIRCRAFT MAINTENANCE ENGINEER LICENCE (LWTR):

An AME license (LWTR) issued by the Licensing Authority endorsed with categories but not with type ratings. This licence, when accompanied with AME type rating document, shall meet the intent of full privileges of AME licence as given in the ICAO Annex 1.

D1.12 TECHNICIAN REGISTRATION CARD (TRC):

A card issued by the Licensing Authority authorizing the holder to work under supervision and acquire on the job training / experience in maintenance related work dealing with aircraft and / or its equipment.

D1.13 MAINTENANCE EXPERIENCE:

It is a detailed record of all maintenance performed by a TRC / LWTR person, as reflected in his / her AME logbook and duly verifiable by the PCAA. It is the responsibility of the owner of the logbook to maintain and keep it updated.

D1.14 ON THE JOB TRAINING:

A system of under supervision training conducted by an approved person in an approved organization.

D1.15 INSTRUCTOR:

An approved person authorized to conduct basic engineering courses / OJT for the acquisition of LWTR.

D1.16 PERSONNEL LICENSING OFFICE:

An office that performs the Licensing functions of LWTR under the Licensing Authority.

D1.17 RATING:

An authorization entered on or associated with a licence or certificate and forming part thereof, stating conditions, privileges or limitations pertaining to such licence or certificate.

D2. AGE, LANGUAGE AND ACADEMIC QUALIFICATIONS (LWTR):

D2.1 An applicant shall not be less than 18 years of age.

D2.2 An applicant shall be capable of reading and writing the English language.

D2.3 An applicant shall have at least Secondary School Certificate (Matriculation) with science subjects or equivalent.

D3. MEDICAL FITNESS (LWTR AND TRC):

D3.1 An applicant shall be free from physical or mental disabilities, which can cause any hindrance in discharge of his/her duties regarding maintenance of aircraft.

D3.2 At the time of issue / renewal of a LWTR/TRC, the applicant shall submit a medical and color vision certificate from a registered medical practitioner.

D4. KNOWLEDGE FOR LWTR:

D4.1 The applicant shall have demonstrated a level of knowledge appropriate to the holder of an AME LWTR, in at least the following subjects:

D4.1.1 AIR LAW AND AIRWORTHINESS REQUIREMENTS:

Rules and regulations relevant to aircraft maintenance engineer licence holder including applicable airworthiness requirements governing certification and continuing airworthiness of aircraft and approved aircraft maintenance organizations and procedures.

D4.1.2 NATURAL SCIENCE AND AIRCRAFT GENERAL KNOWLEDGE:

Basic Mathematics, Units of Measurements, Theory of Flight, High speed theory of flight, Fundamental principles and theory of physics and chemistry applicable to aircraft maintenance & equivalent to matriculation level.

D4.1.3 AIRCRAFT ENGINEERING:

Characteristics and application of the materials of aircraft construction; including principles of construction and functioning of aircraft structures, fastening techniques, power plants and their associated systems, mechanical, fluid. Electrical and electronic power sources, aircraft instrument and display system, digital electronics & logic circuits, aircraft control systems and airborne navigation and communication systems.

D4.1.4 AIRCRAFT MAINTENANCE:

Tasks required, to ensure the continuing airworthiness of an aircraft including methods and procedures for the repair, Inspection, replacement, modification or defect rectification of aircraft structure, components and systems as per applicable standards of airworthiness.

D5. EXPERIENCE FOR LWTR:

D5.1 The applicant shall have the experience in the inspection, servicing and maintenance of aircraft or its components as specified below:

D5.1.1 CATEGORY "A" AIRFRAME:

A minimum of two years aerospace maintenance experience; It must include one year recent practical maintenance and / or inspection experience solely of airframe on the sub-category applied for. e.g.,. Airframe General Aviation, Airframe Airline etc.

D5.1.2 CATEGORY "C" ENGINE:

A minimum of two years aerospace maintenance experience; It must include one year recent practical maintenance and / or inspection experience solely of engines on the sub category applied for. e.g.,. Gas Turbine engine, Piston engine etc.

D5.1.3 **CATEGORY "X" ELECTRICAL:**

A minimum of two years avionics maintenance experience; It must include one year recent practical maintenance and /or inspection experience of aircraft electrical systems.

D5.1.4 **CATEGORY "X" INSTRUMENTS/ FMS/ AFCS/ COMPASSES:**

A minimum of two years avionics maintenance experience; It must include one year recent practical maintenance and / or inspection experience solely of aircraft instrument systems. For compass, this is to include installation and compensation of at least 03 compasses within preceding six months.

D5.1.5 **CATEGORY "R" COMMUNICATION AND NAVIGATION SYSTEMS:**

A minimum of two years avionics maintenance experience; It must include one year recent practical maintenance and / or inspection experience solely of communication and navigation systems.

D5.1.6 **CATEGORY "R" RADAR SYSTEMS:**

A minimum of two years avionics maintenance and / or inspection experience; It must include one year recent practical maintenance and / or inspection experience solely of radar systems.

D5.1.7 **CATEGORY AEROSPACE:**

A minimum of three years concurrent recent maintenance experience of both Airframe and Engine in the sub-categories applied for

D5.1.8 **CATEGORY AVIONICS:**

A minimum of three years concurrent recent maintenance experience of electrical, instruments, radio and radar.

D6. SKILL REQUIREMENT FOR LWTR:

D6.1 The applicant shall have demonstrated the ability to perform the duties and responsibilities of LWTR pertaining to the category applied for.

D7. EXAMINATIONS FOR LWTR:

D7.1 The eligibility criteria for appearing in Basic examination shall be as under:

D7.1.1 Meeting the eligibility and medical requirements for LWTR;

D7.1.2 Meeting the prescribed experience and OJT requirements

D7.2 Basic written examinations shall be conducted in the under mentioned categories and subcategories:

D7.2.1 **BASIC EXAMINATION - CATEGORY 'A' AIRFRAME:**

D7.2.1.1 Basic Airframe

D7.2.2 **BASIC EXAMINATION - CATEGORY 'C' ENGINE:**

D7.2.2.1 Piston Engines;

D7.2.2.2 Gas Turbine Engines

D7.2.3 **BASIC EXAMINATION - CATEGORY 'X' ELECTRICAL:**

D7.2.4 **BASIC EXAMINATION: CATEGORY 'X' INSTRUMENT / FMS / AFCS / COMPASS:**

D7.2.5 **BASIC EXAMINATION: CATEGORY 'R' COMM & NAV SYSTEMS:**

D7.2.6 **BASIC EXAMINATION: CATEGORY 'R' RADAR SYSTEMS:**

D7.2.7 **BASIC EXAMINATION: CATEGORY AEROSPACE:**

D7.2.7.1 Basic Airframe;

D7.2.7.2 Basic Piston Engine / Gas Turbine Engine

D7.2.8 **BASIC EXAMINATION: CATEGORY AVIONICS:**

D7.2.8.1 Basic Electrical;

D7.2.8.2 Basic Instruments / FMS / AFCS / Compass;

D7.2.8.3 Basic Communication & Navigation Systems;

D7.2.8.4 Basic Radar Systems

D7.3 The examination shall be conducted by licensing office in Karachi, Islamabad and Lahore in coordination with airworthiness directorate in accordance with ANO-002-XXLC-2.0 and the published schedule.

D7.4 Subject to having passed the written examination, the applicant shall appear for an oral examination by a board constituted by Director Airworthiness.

D8. COURSES / OJT REQUIREMENT FOR LWTR:

D8.1 A six weeks on the job training which shall be fully documented and duly monitored from the commencement to the termination by the Quality control Inspector / Chief Engineer of the organization.

D8.2 The appropriate basic course(s) in the applied category are as follows:

D8.2.1 **CATEGORY: AIRFRAME (BASIC AIRFRAME):**

D8.2.2 **CATEGORY: ENGINE:**

D8.2.2.1 Basic Gas Turbine

D8.2.3 **CATEGORY: ELECTRICAL:**

D8.2.3.1 Basic Electricity & Electronics;

D8.2.3.2 Digital Avionics & Microprocessor

D8.2.4 **CATEGORY: INSTRUMENTS:** (Basic Instruments; Digital Avionics & Microprocessor)

D8.2.5 **CATEGORY: COMMUNICATION & NAVIGATION:**

D8.2.5.1 Basic Communication & Navigation systems;

D8.2.5.2 Digital Avionics & Microprocessor

D8.2.6 **CATEGORY: RADAR:** (Basic Radar; Digital Avionics & Microprocessor)

D8.2.7 **CATEGORY: AEROSPACE:** (Basic Airframe; Basic Gas Turbine)

D8.2.8 **CATEGORY: AVIONICS:**

D8.2.8.1 Basic Electrical & Electronics

D8.2.8.2 Basic Instruments

D8.2.8.3 Basic Communication & Navigation systems

D8.2.8.4 Basic Radar system

D8.2.8.5 Digital Avionics & Microprocessor

D9. EXEMPTIONS FOR LWTR:

D9.1 The maximum exemption in aviation experience for an applicant who has attained an Engineering degree and is registered with Pakistan Engineering Council shall be six months.

D9.2 The maximum exemption in aviation experience for Defense personnel with minimum of ten years of verifiable aviation maintenance experience and holding an Engineering degree shall be one year.

D9.3 Applicants holding Aeronautical Engineering degree will be exempted from the basic course for the category applied for in the LWTR.

D9.4 Applicants applying for LWTR on piston engine aircraft, limited to gross weight of 5700 KG and below, will be exempted from the basic course.

D9.5 An applicant having successfully completed at least two year approved apprentice course / program will be given exemption in experience of six months; and the experience will be counted from the date of issue of TRC.

D9.6 The experience of airworthiness officers, while performing the duties and functions of safety oversight and monitoring & surveillance of maintenance organizations, will be counted towards experience for issue of LWTR subject to verification by director airworthiness.

D9.7 An applicant for extension of categories is exempted from examination in the papers already cleared for the category held.

D10. CATEGORIES FOR LWTR:

D10.1 LWTR shall be issued in the following categories and subcategories:

D10.1.1 Category: 'A' Airframe (Maintenance) General Aviation / Airline;

D10.1.2 Category: 'C' Engine (Maintenance) Piston / Gas Turbine Engine;

D10.1.3 Category: 'X' Electrical / Instruments, Compass, AFCS & FMS;

D10.1.4 Category: 'R' Communication & Navigation / Radar Systems;

D10.1.5 Category: AEROSPACE (Maintenance) Airframe & Engine;

D10.1.6 Category: AVIONICS (Maintenance) Electrical / Instrument: Compass, FMS, AFCS, Radio and Radar.

D11. LWTR ISSUE REQUIREMENTS:

D11.1 An applicant shall be eligible for issue of an LWTR subject to having met the following conditions:

D11.1.1 Valid TRC during the training period;

D11.1.2 Successful completion of approved basic course(s) in the category applied for;

D11.1.3 Having met the six weeks OJT requirements;

D11.1.4 Having obtained the prescribed experience;

D11.1.5 Having cleared the written and oral examinations in the category / sub-category applied.

D12. LWTR ISSUE DOCUMENTATION:

D12.1 An applicant for the issue of LWTR shall submit under mentioned documents to the licensing office:

D12.1.1 Application form CAAF-201-XXLC-2.0;

D12.1.2 Certificate of completion, aviation apprenticeship course / program from the approved aviation training organization, if applicable;

D12.1.3 Certificate of basic (category) course from approved aviation training organization, if applicable;

D12.1.4 OJT/ experience / currency certificates CAAF-205/212-XXLC-2.0;

D12.1.5 Photocopy of CNIC;

D12.1.6 Photocopy of passport (foreigners only);

D12.1.7 Attested photocopy of secondary school certificate;

D12.1.8 Date of Birth (certificate);

D12.1.9 Medical Assessment CAAF-206-XXLC-2.0;

D12.1.10 Four photographs of 1x1 inch;

D12.1.11 Fee voucher / Authorization where applicable.

D12.2 If an applicant already holds a valid AME Licence, he / she will be issued with an LWTR without any additional examination. The applicant shall submit following documents to the licensing office:

D12.2.1 Application form CAAF-201-XXLC-2.0;

D12.2.2 Photocopy of AME Licence;

D12.2.3 Medical Assessment CAAF-206-XXLC-2.0;

D12.2.4 Currency Certificate CAAF-205-XXLC-2.0;

D12.2.5 Photocopy of AME-LWTR log book, first & last three pages;

- D12.2.6 Photocopy of CNIC;
- D12.2.7 Photographs;
- D12.2.8 Fee voucher / Authorization where applicable.

D13. EXTENSION OF CATEGORIES:

D13.1 If an applicant is already holding a valid AME License, multiple categories may be endorsed on the LWTR subject to meeting under mentioned requirements:

- D13.1.1 Basic course(s);
- D13.1.2 OJT / experience;
- D13.1.3 CAA examination (basic & oral);
- D13.1.4 Under mentioned documents are to be submitted:
- D13.1.5 Application form – CAAF-201-XXLC-2.0;
- D13.1.6 Course completion certificate from training organization;
- D13.1.7 OJT / experience / currency certificate CAAF-205-XXLC-2.0;
- D13.1.8 Fee voucher / Authorization where applicable.

D14. LWTR RENEWAL:

- D14.1 Application form CAA-201-XXLC-2.0;
- D14.2 OJT/ experience / currency certificate CAAF-205-XXLC-2.0;
- D14.3 A certificate by the approved person that the applicant is well conversant with current Airworthiness Regulations, Air Navigation Orders, Airworthiness Notices etc;
- D14.4 Photocopy of AME-LWTR log book, first & last three pages;
- D14.5 Medical Assessment CAAF-206-XXLC-2.0;
- D14.6 Fee voucher / Authorization where applicable.

D15. LWTR REVALIDATION:

D15.1 If privileges of the LWTR are not exercised during the preceding four years, under mentioned documents are to be submitted for revalidation of LWTR. Written and/or oral examination may be conducted at the discretion of the licensing authority.

- D15.1.1 Application form CAAF-201-XXLC-2.0;
- D15.1.2 OJT / experience / currency certificate CAAF-205-XXLC-2.0;
- D15.1.3 Medical assessment CAAF-206-XXLC-2.0;
- D15.1.4 Fee voucher / Authorization where applicable.

D16. VALIDATION OF A FOREIGN LICENCE:

D16.1 Holder of a foreign AME-LWTR may have his/her foreign Licence rendered valid by PCAA provided he/she is required to work on Pakistan registered aircraft for a short duration for imparting training or for any other specific purpose;

- D16.1.1 Application form CAAF-201-XXLC-2.0;
- D16.1.2 Medical Assessment CAAF-206-XXLC-2.0;
- D16.1.3 Photocopy of AME Licence;
- D16.1.4 Employment & Responsibility certificate by employer;
- D16.1.5 Fee voucher / Authorization where applicable.

D17. ISSUE OF LWTR ON BASIS OF FOREIGN LICENCE:

D17.1 In exceptional circumstances, at the discretion of the licensing authority, an applicant holding a valid foreign LWTR, issued by a contracting state, may be issued with an equivalent LWTR provided that:

- D17.1.1 The holder is required to work on Pakistan registered civil aircraft.
- D17.1.2 The holder of such licence is able to satisfy PCAA that he possesses knowledge of CAR 1994, Air Navigation Orders, and Airworthiness Notices and Civil airworthiness requirements.

D17.2 DOCUMENTS REQUIRED:

- D17.2.1 Application form CAAF-201-XXLC-2.0;
- D17.2.2 Photocopy of license issued by contracting state;
- D17.2.3 Photocopy of passport (foreigners only);
- D17.2.4 Work permit issued by Government of Pakistan (foreigners only);
- D17.2.5 Medical Assessment CAAF-206-XXLC-2.0;
- D17.2.6 Photographs;
- D17.2.7 Employment certificate from employer relating to the pertinent category sought or;
- D17.2.8 Pertinent work schedule of minimum three months period;
- D17.2.9 The applicant will be exempted from basic written examination;
- D17.2.10 The applicant shall have to appear in a validation examination (oral) which will cover Air Legislation, basics of the related category;
- D17.2.11 If the applicant does not qualify in the oral examination, he may be required to undergo a written examination in basic in addition to other requirements that may deem necessary, as a result of oral examination.

D18. ISSUE OF LWTR ON THE BASIS OF AVIATION EXPERIENCE OF EX – DEFENCE FORCES PERSONNEL:

D18.1 Following military aircraft maintenance experience will be acceptable for obtaining civil Aircraft Maintenance Engineer Licence without Type Rating by retired military personnel:

D18.1.1 The applicant must have held hands-on experience on maintenance of military aircraft for at least five years (*this experience will be verified from authentic documents of military organization*).

D18.1.2 The applicant must have held a trade supervision signatory position and six months experience for release of aircraft after maintenance.

D18.1.3 Ex-service applicants must have current six months hands-on maintenance experience on civil aircrafts in the past two years in Civil Aviation Industry.

D18.2 PROCEDURES:

D18.2.1 The applicant shall submit his application and associated documents to Personnel Licensing Office as per current prescribed requirements.

D18.2.2 An Airworthiness Inspector shall assess the claimed experience for eligibility to appear in examination for issuance of Licence without Type Rating (LWTR).

D18.2.3 The applicant shall be conversant with:

D18.2.3.1 Civil Aviation Rules / Regulations and requirements applicable to civil aircrafts, maintenance and procedures followed by Civil Aircrafts Maintenance Organizations;

D18.2.3.2 Civil aircrafts maintenance system and support documentation;

D18.2.3.3 Duties and responsibilities of aircraft maintenance engineer.

D18.2.4 In addition to technical subjects; the applicant shall be examined on the above aspects also and passing this part of examination will be mandatory.

D18.2.5 The applicant shall be subject to same technical examination as applicable to candidates having experience on civil aircrafts.

D18.2.6 After obtaining LWTR the applicant may appear for AME (Type Rated) Licence on meeting the prescribed requirements.

D18.2.7 The applicant shall comply in addition to above all other procedures and requirements laid down in relevant ANOs, Airworthiness Notices and Air Safety Circulars.

D18.3 DOCUMENTS REQUIRED:

D18.3.1 Application form CAAF-201-XXLC-2.0;

D18.3.2 Photocopy of License issued by contracting state;

D18.3.3 Photocopy of passport.(foreigners only);

D18.3.4 Work permit issued by Government of Pakistan.(foreigners only);

D18.3.5 Medical Assessment CAAF-206-XXLC-2.0;

D18.3.6 Photographs;

D18.3.7 Employment certificate from employer relating to the pertinent category sought or;

D18.3.8 Pertinent work schedule of minimum six months period;

D18.3.9 The applicant shall be subjected to same technical examination as applicable to candidates having experience on civil aircraft;

D18.3.10 The applicant shall have to appear in a validation examination (oral) which will cover Air Legislation, basics of the related category;

D18.3.11 If the applicant does not qualify in the oral examination, he may be required to undergo a written examination in basic in addition to other requirements that may deem necessary, as a result of oral examination.

D19. PRIVILEGES OF LWTR:

D19.1 The privileges of LWTR in endorsed category are:

D19.1.1 To work towards issuance of certificate of fitness for flight before issue of certificate of airworthiness.

D19.1.2 To work towards issuance of certificate of maintenance in accordance with the approved maintenance schedule

D19.1.3 To work towards issuance of certificate of compliance in respect of approved inspection, replacement, repair and modification.

D19.1.4 The holder of LWTR and AME rating is authorized to exercise all privileges of AME Licence in accordance with ICAO Annex 1 provided the type of aircraft is on Pakistan civil register.

D20. VALIDITY OF LWTR:

D20.1 The LWTR shall remain valid for a period of two years unless suspended or canceled by the DG CAA or the individual becomes medically unfit to exercise the privileges of an LWTR.

D21. TECHNICIAN REGISTRATION CARD (TRC):

D21.1 **Privileges - TRC:** Holder of a TRC may exercise the privileges of acquiring on the job training and /or experience under supervision in the maintenance work related with aircraft and /or aircraft equipment. Validity period of TRC shall be two years.

D21.1.1 TRC ISSUE REQUIREMENT:

D21.1.1.1 Age: Not less than 18 years;

D21.1.1.2 Education: SSC or equivalent in science subjects;

D21.1.1.3 Application form CAAF-201-XXLC-2.0;

D21.1.1.4 Medical Assessment;

D21.1.1.5 Photographs;

D21.1.1.6 CNIC;

D21.1.1.7 Fee voucher

D21.1.2 TRC RENEWAL REQUIREMENT:

D21.1.2.1 Medical Assessment CAAF-206-XXLC-2.0;

D21.1.2.2 Renewal / Revalidation: As per PCAA fee schedule.

D21.2 TRANSITION PERIOD:

The existing technicians working with approved maintenance organizations, applying for a TRC, may provide a letter from their employer stating the date of their joining as a technician; in order to subsequently claim the period towards their experience if they choose to apply for the LWTR in future.

D22. FEE SCHEDULE FOR LWTR:

D22.1 The fee schedule for Licensing actions and examination shall be given in Air Safety Circular ASC-005-XXLC-2.0.

E. EVIDENCES (ACRONYMS / RECORDS / REFERENCES):

E1. ACRONYMS:

| | | |
|--------|---|---|
| ANO | : | AIR NAVIGATION ORDER |
| AME | : | AIRCRAFT MAINTENANCE ENGINEER |
| ASC | : | AIR SAFETY CIRCULARS |
| CAR | : | CIVIL AVIATION REGULATIONS |
| CAAF | : | CAA FORMS |
| DG CAA | : | DIRECTOR GENERAL CAA |
| ICAO | : | INTERNATIONAL CIVIL AVIATION ORGANIZATION |
| LWTR | : | LICENCE WITHOUT TYPE RATING |
| PCAA | : | PAKISTAN CIVIL AVIATION AUTHORITY |
| TRC | : | TECHNICAL REGISTRATION CARD |
| OJT | : | ON THE JOB TRAINING |

E2. RECORDS:

| | |
|------|--|
| E2.1 | Application for AME/LWTR/TRC Licence (CAAF-201-XXLC-2.0) |
| E2.2 | OJT/Experience/Currency Certificate (CAAF-205-XXLC-2.0) |
| E2.3 | Medical Certificate (CAAF-206-XXLC-2.0) |
| E2.4 | Oral Examination Assessment (CAAF-210-XXLC-2.0) |
| E2.5 | AME OJT Record (CAAF-212-XXLC-2.0) |

E3. REFERENCES:

| | |
|------|-----------------------|
| E3.1 | ICAO Annex – 1 |
| E3.2 | ANO 90.0015 (issue I) |
| E3.3 | ANO 92.0017 (issue I) |
| E3.4 | CARs, 94 |

IMPLEMENTATION:

This Air Navigation Order shall be implemented with effect from 25th October 2009 and supersedes ANO 90.0015 (Issue I).

(M. JUNAID AMEEN)
Director General,
Pakistan Civil Aviation Authority

Dated: _____ **October, 2009**

(CAPT. S. AFTAB HUSAIN)
General Manager Licensing
Dated: _____ **October, 2009**
File No. HQCAA/1719/03/Lic