

CERTIFICATE SUPPLEMENT (*)
SPAIN

TITLE OF THE CERTIFICATE (original language: ES)
ADVANCED EXPERT IN MECHANICAL MAINTENANCE OF AIRCRAFT

TRANSLATED TITLE OF THE CERTIFICATE (language)

PROFILE OF SKILLS AND COMPETENCES

General competence

Perform the preventive and corrective maintenance of fixed-wing and rotary-wing aircraft and their systems, equipment, and parts in the mechanical area (power plant, mechanical / hydraulic / pneumatic and cell systems), including hangar, line and yard work, participating in the management thereof, in accordance to the applicable regulations and in the appropriate quality and safety conditions.

This Expert will in any case act under the general supervision of: engineers or technical engineers.

Competence units

1. Maintaining the power plant of aircraft and their control systems, accessories and elements.
2. Maintaining in operating condition the mechanical / hydraulic / pneumatic systems of aircraft and the sub-assemblies, components and elements of which they are comprised; and perform the in-line maintenance of electric and electronic systems.
3. Perform the maintenance of the structures, furniture and interior of aircraft.
4. Participate in the management of maintenance, assisting in and/or controlling parts of the logistics, in some cases deciding on the airworthiness condition of the aircraft.

RANGE OF OCCUPATIONS ACCESSIBLE TO THE HOLDER OF THE CERTIFICATE

Occupations or jobs:

Hangar / line manager. Line mechanic. Hangar mechanic. Yard mechanic.

(*) Explanatory note

This document is designed to provide additional information about the specified certificate and does not have any legal status in itself. The format of the description is based on the following texts: Council Resolution 93/C 49/01 of 3 December 1992 on the transparency of qualifications, Council Resolution 96/C 224/04 of 15 July 1996 on the transparency of vocational training certificates, and Recommendation 2001/613/EC of the European Parliament and of the Council of 10 July 2001 on mobility within the Community for students, persons undergoing training, volunteers, teachers and trainers.

The body awarding this Certificate Supplement may leave blank any box considered not to be applicable.

Name and status of the body awarding the certificate MINISTERIO DE EDUCACIÓN, CULTURA Y DEPORTE (Central Government)	Name and status of the national/regional authority providing accreditation/recognition of the certificate MINISTERIO DE EDUCACIÓN, CULTURA Y DEPORTE (Central Government) COMPETENT BODY IN THE AUTONOMOUS COMMUNITY (Autonomic Government)
Level of the certificate in the awarding country Advanced Vocational Training (CNED 51 H– Advanced Specific Vocational Training and equivalents, Plastic Arts and Design, and Sports)	Grading scale / Pass requirements Basic regulation of the Ministry of Education, Culture and Sports of 21 July 1994. Occupational modules: graded from 1 to 10 (5 is pass). Training at work: pass / fail. Continuous assessment system.
Access to next level of education/training - Naval Machines Diplomaed Specialist. - Maritime Navigation Diplomaed Specialist. - Naval Radio-electronics Diplomaed Specialist. - Aircraft Technical Engineer (all majors) - Technical Graduate Horticulturist (all majors). - Industrial Design Technical Engineer. - Forestry Technical Engineer (all majors) - Industrial Technical Engineer (all majors) - Technical Engineer in Management Computing. - Technical Engineer in Systems Computing. - Mining Technical Engineer (all majors) - Naval Technical Architect (all majors) - Civil Technical Engineer (all majors)	International agreements
Legal basis General Organic Law of the Educational System 1/1990 of October 3, Organic Law 5/2002 of June 19 on Qualifications and Vocational Training, Royal Decree 676/1993 of May 7, Royal Decree 777/1998 of April 30. ROYAL DECREE 625/1995, of April 21 (BOE 23.08.95).	

OFFICIALLY RECOGNISED WAYS OF ACQUIRING THE CERTIFICATE

Description of vocational education and training received	Percentage of total programme (%)	Duration hours/weeks/months/years
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* At Secondary Education Centres or approved training centres, including training modules of a theoretical-practical nature and Training at Work.

- CONSTITUTION AND NAVIGATION OF AIRCRAFT
- TRAINING AT WORK
- OCCUPATIONAL TRAINING AND GUIDANCE
- HYDRAULICS AND PNEUMATICS
- MAINTENANCE LEGISLATION AND ORGANIZATION
- MATERIALS AND STRUCTURES OF AIRCRAFT
- PISTON ENGINE, PROPELLERS AND THEIR SYSTEMS
- REACTION ENGINE, ITS SYSTEMS AND THE AUXILIARY POWER UNIT (APU)
- RELATIONS IN THE WORKING ENVIRONMENT
- SAFETY IN AIRCRAFT MAINTENANCE
- AIRCRAFT SYSTEMS I
- AIRCRAFT SYSTEMS II
- ELECTRIC / ELECTRONIC SYSTEMS OF AIRCRAFT

	Total duration of the education/ training leading to the certificate	2000 hours
Entry requirements Holding the Certificate in Post-Compulsory Secondary Education (Bachillerato) or holding the corresponding certificate of the entry examination.		
Additional information More information available at: http://www.educacion.es		