

# EMAR 145

## Guaranteeing the suitability of an organization in Aircraft Maintenance

*EMAR 145 (European Military Airworthiness Requirements) is a specific regulation adopted by the European armed forces, defining the requirements to which a military aircraft maintenance organisation must conform. To obtain this certification, the organisation must demonstrate that it complies with safety and quality standards and requirements for the maintenance of military aircraft.*

*Issued by the relevant authorities (military or regulatory agencies) after a thorough assessment of the organisation, its procedures, personnel and facilities, **EMAR 145 certification** attests that the organisation is qualified to carry out maintenance operations in accordance with strict requirements, thus playing a critical role in quality and safety assurance in the aviation maintenance sector.*

*This article explores the importance of **EMAR 145 certification** and details how we help our customers - organisations providing maintenance, repair and overhaul (MRO) services for military and civil aircraft - to understand, achieve and maintain it.*

### WHO IS EMAR 145 AIMED AT?

**EMAR 145** is aimed primarily at military aircraft maintenance organisations, whether military entities or private companies under contract to the armed forces. It aims to ensure that these organisations maintain aircraft to the required airworthiness and safety standards, by establishing clear criteria for their approval and supervision.

### THE IMPORTANCE OF EMAR 145 :

- 1. Quality assurance:** Certification guarantees that all maintenance operations are carried out to strict standards, which is vital for the operational safety of aircraft.
- 2. International recognition:** Being EMAR 145 certified enables organisations to position themselves favorably in the international defense and security market, where compliance with standards is an essential prerequisite.
- 3. Market competitiveness:** It offers a significant competitive advantage, attracting customers who demand the highest level of service and regulatory compliance.

### EMAR 145 CERTIFICATION PROCESS: THE VARIOUS STAGES INVOLVED IN OBTAINING EMAR 145 APPROVAL

- 1. Understanding and establishing the Requirements:** Organisations must demonstrate complete mastery of maintenance processes in accordance with approved technical data, and maintain an effective quality management system.
- 2. Documentation and Compliance:** draw up an Organisation Manual (OM) Draw up a detailed OM describing maintenance procedures and practices in line with **EMAR 145** requirements. It is crucial to prepare comprehensive documentation including maintenance procedures, personnel qualifications, and performance monitoring systems.
- 3. Personnel training:** Ensure that all personnel involved in maintenance are trained and qualified to the required standards.

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**4. submit application:** Submit your application for approval to the relevant authority, together with the MOE and evidence of compliance with requirements.

**5. Assessment and Approval:** Competent authorities assess organisations through rigorous audits to ensure that operations are conducted according to **EMAR 145** standards. The competent authority carries out audits to verify the organisation's compliance with **EMAR 145** requirements.

**6. Obtaining approval:** Once compliance has been demonstrated, the authority will issue **EMAR 145** approval, enabling the organisation to provide approved maintenance services.

**7. Certification Maintenance:** Organisations must regularly review and update their processes to keep pace with changing airworthiness requirements. **EMAR 145** certification is therefore a commitment to maintenance excellence, ensuring that the responsible entities have the skills, systems and procedures necessary to guarantee the safety and compliance of military aircraft. This complex regulatory framework requires thorough preparation and a clear understanding of regulatory obligations to successfully gain approval and maintain certification.

## R&R CONSULTING'S APPROACH

**Consultation and Initial Analysis:** We assess our customers' current maintenance practices to identify gaps in relation to **EMAR 145** requirements, and propose customized solutions.

**Certification Assistance:** We guide our customers through the certification process, from preparing the necessary documentation to implementing the required quality management systems.

**Training:** We provide comprehensive training to ensure teams understand **EMAR 145** requirements and aviation maintenance best practices.

**Follow-up and improvement:** Once certification has been obtained, we help our customers to maintain compliance through regular audits and continuous improvement advice.

*R&R Consulting, experts in aeronautical certification, we use our expertise to guide you through this complex process, helping you to achieve and maintain this valuable certification, and to do so in much less time and at much lower internal costs than if you did it yourself. For more information on **EMAR 145 certification** or other services, please contact us at [contact@rr-consulting.aero](mailto:contact@rr-consulting.aero)*