



National Technical Standard

Subject: Emergency Power Unit (EPU)

1 Applicability

This NTS specifies the requirements which Emergency Power Units that are manufactured on or after the date of this NTS must meet in order to be identified with the applicable NTS marking.

2 Procedures

Applicable procedures are detailed in JAR-21 Subpart O.

3 Technical Conditions

3.1 Minimum Performance Standard

Standards and acceptable means of compliance set forth in STR-17.

3.2 Environmental Standard

If the equipment design is depending on environmental conditions, EUROCAE/RTCA document ED-14D/DO-160D, "Environmental Conditions and Test Procedures for Airborne Equipment", or the latest published revision, has to be applied.

3.3 Computer Software

If the equipment design implementation includes a digital computer, the software must be developed in accordance with EUROCAE/RTCA document ED-12B/DO-178B, "Software considerations in Airborne Systems and Equipment Certification", or the latest published revision.

4 Marking

4.1 General

Marking is detailed in JAR-21 Subpart Q.

4.2 Specific

None

5 Availability of Referenced Document

A copy of this NTS and the referenced STR documents may be obtained from the Luftfahrt-Bundesamt, Division M4, Postfach 3054, 38020 Braunschweig, Germany or via <http://www.lba.de>.

EUROCAE documents may be purchased from the European Organisation for Civil Aviation Electronics: 11 rue Hamelin, 75783 PARIS CEDEX 16, France or via <http://www.eurocae.org>.

RTCA documents may be purchased from the Radio Technical Commission for Aeronautics Secretariat, One Mc Pherson Square, 1425 K Street NW., Suite 500, Washington DC 20005, USA or via <http://www.rtca.org>.

JAA documents may be purchased from the Global Info Centre/Information Handling Services GmbH, Fraunhoferstrasse 22, D-82152 Martinsried, Germany or via <http://www.ihs.de>.