**To all Foreign Part-145 Applicants and Approval Holders**

Cologne 26 Feb 2018 A(D)50850

**Subject: Tools calibration requirements**
Reference: EASA UG.CAO.00132-001 "Tools and Equipment"

Dear Sir or Madam,

The purpose of this letter is to inform all EASA Part-145 Applicants and Approval holders on changes which will affect the EASA User Guide UG.CAO.00132-001 "Tools and Equipment".
This user guide contains a transition period of 24 months to comply with the requirement to perform tooling calibration in an ILAC Accredited laboratory, which will end on 13 April 2018.

A revision of this user guide is ongoing and unfortunately not expected to be published before the end of 2018. Changes will affect among others the tooling calibration requirements, which result in the need to extend the above mentioned transition period **until 31 December 2018**.

Based on the above, Applicants and Approval Holders are hereby informed that the following calibration laboratories will be acceptable in the revised user guide. These entities may be already used and in any case will be the only acceptable calibration laboratories after the extended transition period:

(a) a National Metrology Institute (NMI) whose service is covered by the CIPM MRA[1]. (Services covered by the CIPM MRA can be viewed in Appendix C of the BIPM KCDB[2] which includes the range and uncertainty for each listed service; refer to "kcdb.bipm" website), or;

[1] **CIPM MRA:** The CIPM MRA is the framework through which NMIs demonstrate the international equivalence of their measurement standards and the calibration and measurement certificates they issue. The outcomes of the CIPM MRA are the internationally recognized Calibration and Measurement Capabilities (CMCs) of the participating institutes. Participating NMIs are required to take part in regular "key comparisons" of national measurement standards and have their CMC claims validated through the peer review process of the CIPM MRA. This process also includes the approval of the laboratory quality system for conformance with ISO/IEC 17025. CMCs and supporting technical data are publicly available from the CIPM MRA database (KCDB see BIPM KCDB website), which is operated by the BIPM.

[2] **BIPM:** The International Bureau of Weights and Measures is the intergovernmental organization established by the Metre Convention, through which Member States act together on matters related to measurement science and measurement standards. The BIPM web site lists the National Metrology Institutes (NMI) from its Member States and Associate States and Economies that are signatory to the CIPM Mutual Recognition Arrangement (CIPM MRA see BIPM MRA website). The KCDB - the BIPM key comparison database - is a public website containing all information relating to the CIPM MRA



Postal address: Postfach 10 12 53
50452 Cologne, Germany
Visiting address: Konrad-Adenauer-Ufer 3
50668 Cologne, Germany

Tel.: +49 221 89990 4151
E-mail: marc.gragnoli@easa.europa.eu
Web: www.easa.europa.eu
ISO 9001 Certified

(b) a calibration laboratory accredited to ISO/IEC 17025 by an accreditation body which is signatory of the ILAC MRA (Full Members) or an ILAC Recognised Regional Cooperation Body (Signatories and Recognised Regional Cooperation Bodies are listed on ILAC Membership website), or;

(c) original tool manufacturer identified in the approved maintenance data, provided it is supported by a calibration or accuracy statement, or;

(d) calibration entity which is acceptable in an EASA POAH or other Production Organisation under bilateral agreement with the EU. This option is limited to tooling which are the ones specified by the maintenance data (not applicable to alternative tools in use by the production organisation).

The possibility to perform calibration in other laboratories, which was intended to be used during the transition period under the control of the organisation's quality system, will be removed and will not be envisaged in the revised user guide.

Yours faithfully,

Marc Gragnoli p.o. L. PELLEGRINI



Postal address: Postfach 10 12 53
50452 Cologne, Germany
Visiting address: Konrad-Adenauer-Ufer 3
50668 Cologne, Germany

Tel.: +49 221 89990 4151
E-mail: marc.gragnoli@easa.europa.eu
Web: www.easa.europa.eu
ISO 9001 Certified