

NOTE: Installation of non certified equipment (standard Parts) in gliders

As promised by Peter Corbeel during the part M workshop at December 1st, EASA has published the two AMC regarding Standard Parts in sailplanes, we have been waiting for. These two AMC, one for Part 21 and one for Part M, clarify that equipment usually used in gliders only, is considered as standard parts.

Which aircraft is this rule for?

These AMC apply for all CS-22 aircraft (sailplanes, powered sailplanes).

Which equipments is standard part now?

Examples of equipment which can be considered standard parts are electrical variometers, bank/slip indicators ball type, total energy probes, capacity bottles (for variometers), final glide calculators, navigation computers, data logger / barograph /turnpoint camera, bug-wipers and anti-collision systems (FLARM).

Which equipment is not standard part?

Equipment which is required either by the airworthiness code CS-22 (e.g. altimeter, speed indicator) or by the relevant operating regulations and the applicable Rules of the Air or as required by Air Traffic Management (e.g. a transponder in certain controlled airspace).

Equipment which must be approved in accordance to the airworthiness code shall comply with the applicable ETSO or equivalent and is not considered a standard part (e.g. oxygen equipment).

What's the advantage of the AMC?

Parts other than standard parts have to be produced by approved production organisations (POA) and delivered with an EASA Form One. Manufactures of sailplane equipment such as electrical variometers or FLARM doesn't hold a production organisation approval. This requirement was going to prevent manufactures, especially those from outside the EU to stay on the EU market.

Is it allowed to install any equipment either standard parts or approved parts in an sailplane without further approval?

The answer is no. There are at least three possibilities.

1. The equipment is listed in the flight/maintenance manual as approved for this particular glider. If not, ask the manufacture to do so by issuing a Technical Note or extending the manual.
2. The manual comes with a generic description how to install certain equipment (e.g. ASW 28-18's manual includes such a description).
3. Installation is developed and approved by an approved design organisation (DOA) as STC.

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