



ROTORCRAFT AMC REVISION — 2012

TERMS OF REFERENCE

Task Nr:	FAA: EASA: 27&29.029
Issue:	1
Date:	20 October 2010
Regulatory reference:	— FAR Part 27 & Part 29 — EASA CS-VLR, CS-27 & CS-29
Reference documents:	— ACPLAN-FAA-EASA — AC 27/29 Schedule – dated 12/05/2010 and subsequent updates — FAA: — EASA: ToR 27&29.029

1. Subject: AMC Revision 2012 (**External Loads Sub-group**)

2. Problem/statement of issue and justification; reason for regulatory evolution (regulatory tasks):

Experience has shown that problems can arise during certification programmes due to insufficient guidance in applying the rules. This can lead to the need for Authorities to raise CRIs/Issue papers to resolve the issues. Furthermore, the applicant may incur additional costs if further substantiation is required and may result in timescale delays. Revising and updating rotorcraft AC will benefit future applicants by ensuring that certification experience and lessons learnt are documented and that rules are applied consistently.

3. Objective:

The aim of this task is to develop and maintain AC related to external loads (xx.865) that have been found during certification activities to be incomplete, misleading, outdated or do not reflect accepted certification practice.

4. Specific tasks and interface issues (Deliverables):

Specific tasks to be addressed include the following:

<i>Change proposal</i>	<i>Affected paragraph</i>	<i>Title</i>
EC18	AC 27&29.865B	HIRF & lightning protection of external loads
EASA 9	AC 27&29.865B	Design of the PQRS activation switch for the emergency release of HEC
EASA 25	AC 27&29.865B	Reliability of the external load system
EC 10	AC 27.865B	FAA restriction to RLC Class D
EC 19	AC 27&29.865B	Compliance Credit for previously approved hoists
EC 20	AC 27&29.865B	Hoist Operator Safety Devices
FAA S01	AC 27&29.865 & MG12	Auxiliary fuel indicator
FAA S07	27&29.865B	OEI hover performance
EASA 13	27&29.865B	Approval of PCDS & HEC equipment
EC 9	27&29.865B	Approval of PCDS & Intercom equipment
EC 23	27&29.865B	Definition and Harmonisation of HEC

During the course of the working group's tasking, other issues that arise and are within the capability of the group may be addressed, provided that the deadlines are respected. Any significant items that arise which require extensive resources should be notified and agreed with the FAA/EASA focal points prior to work commencing.

5. Working methods (in addition to the applicable Agency procedures):

Sub-groups will work according to the agreed FAA/EASA working arrangement for this task and to the timescale contained within the accompanying schedule.

Sub-groups will report to the assigned FAA/EASA focal points for this task.

6. Time scale, milestones:

Draft AC proposals (in the correct format) to be developed by **11 March 2011**.