
REQUIRED DOCUMENTS FOR CARGO TRACKER / LOGGER APPROVAL

Rev. 03 / 31.08.2021

- REFERENCES:**
- A) EASA Easy Access Rules for Air Operations (Regulation (EU) No 965/2012), Issue 14, 2019
 - B) EASA Use of Cargo Tracking Devices - Guidelines in relation to the COVID-19 pandemic, Issue No. 1, 02.12.2020

- REVISION:**
- Rev. 00 – Initial issue
 - Rev. 01 – New contact information
 - Rev. 02 – Change of contacts and wording
 - Rev. 03 – Change of contacts
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SUMMARY:

The documents listed in Table 1 are required to show compliance with EASA AIR OPS AMC1 CAT.GEN.MPA.140 Portable electronic devices.

IMPORTANT: Completeness of documents does not automatically approve the device on LHG Fleet. Formal approval by the responsible airlines are still required!

INSTRUCTIONS:

For applying for a cargo tracker/ logger device approval on LHG fleet please ...

1. Fill out Table 1 on page 2 of this document.
2. Return filled out document list and accompanying documents to:

Waitkus Danica < danica.waitkus@dlh.de >

(Please be reminded that documents >10MB might cause issues with our Mail Server. In case of larger data packages we kindly ask you to us a secured ftp or cloud service. We will of course notify you when a request was received.)

3. After reviewing the data you will be notified about the approval status.

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	EASA AIR OPS REFERENCE	DESCRIPTION	Available (Y/N)	Manufacturer Reference
All devices	LHG - Requirement	Technical Overview of Tracker/Logger		
	LHG - Requirement	User Manual of Tracker/Logger		
Only required if max. TX Power >100mW	CAT.GEN.MPA.140 (d) (3) (ii) (A) (a)	Automated and prolonged radio suspension during flight using multiple modes of redundancy		
	CAT.GEN.MPA.140 (d) (3) (ii) (A) (b)	Deactivation has to be verified in aircraft environment to ensure deactivation of transmitting function during flight.		
All devices	CAT.GEN.MPA.140 (d) (3) (ii) (B)	Emission levels comply with EUROCAE ED-14E / RTCA DO-160E (or later revision), Section 21, Category H.		
	CAT.GEN.MPA.140 (d) (3) (ii) (C) (a)	Declaration from manufacturer confirming compliance with CAT.GEN.MPA.140 (d)(3)(ii)(A) and CAT.GEN.MPA.140 (d)(3)(ii)(B).		
	CAT.GEN.MPA.140 (d) (3) (ii) (C) (b)	Declaration showing that robust design and production controls are in place during the manufacturing of the tracking device.		
	CAT.GEN.MPA.140 (d) (3) (ii) (C) (c)	Declaration of conformity and technical documentation showing compliance with the European Norms (EN), regulating the transmitter characteristics of the tracing device or its transmission module.		
	CAT.GEN.MPA.140 (d) (3) (ii) (C) (d)	EMI Report of EUROCAE ED-14E / RTCA DO-160E (or later revision), Section 21, Category H testing.		
	CAT.GEN.MPA.140 (f) (1)	Lithium-Type batteries should meet United Nations (UN) Transportation Regulations, 'Recommendations on the transport of dangerous goods - manual of tests and criteria', UN ST/SG/AC.10/11		
	CAT.GEN.MPA.140 (f) (2)	Lithium-Type batteries should meet one of the following standards: (i) UL 1642 (ii) UL 2054 (iii) UL 60950-1 (iv) IEC 62133 (v) RTCA DO-311 (vi) ETSO C142a		

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