



**TO:** All Operators  
**FROM:** EMBRAER – Flight Operations Engineering & Support.  
**SUBJECT:** Transport of Lithium Batteries as cargo on passenger aircraft.  
**APPLICABILITY:** EMBRAER 170/175/190/195.  
**EXPIRY DATE:** November 10, 2016.

November 10, 2015

FOL170-2015-054



Dear Operators,

Embraer has received operator inquiries related to the transport of lithium batteries as cargo on passenger airplanes. This Flight Operations Letter (FOL) intends to provide the clarifications and in this regard.

EMBRAER clarifies that the E-Jet Family fire extinguishing system has not been designed and is not able to protect, adequately, against the fire involving one or more high-density packages of lithium batteries. Moreover, EMBRAER highlights that safer methods of packaging and transport of lithium batteries have not yet been established and implemented for E-Jet Family.

This information will be included in the next Aircraft Operational Manual (AOM) scheduled revision.

Based on this scenario Embraer recommends operators not to carry lithium batteries as cargo on passenger aircraft.

This positioning complies with the latest results of FAA Technical Center fire testing on high-density shipments of lithium batteries, as presented in the DGP-WG/15-WP/4 "Transport of Lithium Batteries as Cargo via Air". Additionally with the ICCAIA's recommendations provided by document DGP-WG/15-WP/4 - "Transport of Lithium Batteries as Cargo via Air", and finally with EASA Safety Information Bulletin (SIB) No. 2015-19 - Transport of Lithium Batteries as Cargo by Air.

Attention should also be given to the latest information released by the Airworthiness Authorities.

This document does not constitute an operational approval. If Local Regulatory Authority approval is required, it should be obtained by the Operator.

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**EMBRAER S.A.**

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In case of any conflict between this FOL and any mandatory requirements issued by the Local Regulatory Authority, including but not limited to Airworthiness Directives, the Local Regulatory Authority document/orientation shall prevail.

This FOL remains valid until November 10, 2016 or until the next AOM revision be released, whichever occurs first.

If you have any question, please do not hesitate to contact us.

Best regards,

A handwritten signature in blue ink, appearing to read "Claudeci", written over a horizontal line.

Claudeci Tabosa da Silva

EMBRAER – Flight Operations Engineering & Support

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