



Aircraft Industries



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SERVICE LETTER

SL No. **L-410/002**

Aeroplane Type: **L-410**

Model(s): **All**

Date of Issue: **May 7, 2020**

Reason:

Aircraft Industries, a.s. is issuing this Service Letter to align with the safety recommendation of EASA and manufacturer of M601/HXX Engine series GE Aviation Enterprise

- (1) Objective:
To avoid significant technical events in operation of the L-410 aircraft models.
- (2) Condition:
The use of Kathon FP 1.5 impacts the responsiveness of the fuel control system and components of M601/HXX Engine series. installed on L-410 aircraft.
- (3) Cause:
Kathon FP1.5 manufacturer DuPont has required the immediate halt to all use of Kathon FP1.5 Biocide for aviation fuel applications. Engine in-flight loss of thrust control, failure of the engine to start, and damage to the engine including tailpipe fire were observed following Kathon FP 1.5 biocide treatments.
- (4) Improvement:
Kathon FP 1.5 must be removed from approved service for all L-410 models with M601/HXX series engines.
Adequate manuals, instructions and maintenance procedures will be changed by the next revisions. It is recommended insert copy of this Service Letter into appropriate manuals where Kathon FP 1.5 is stated to remind this restriction. It can be removed after manual revision issue.
- (5) Substantiation:
Substantiation is by EASA SIB, GEAC SB, Kathon FP1.5 manufacturer requirements and fleet experience.

Description:

This Service Letter requires the suspension of the use of Kathon FP 1.5 during airplane fuel system biocide treatments.

Refer to the EASA SIB 2020-06 and GEAC Service Bulletin No. 00354