SERVICE BULLETIN 01/15

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SUBJECT

Fuel Cylinder ID Plate Installation

CATEGORY

Recommended. Non repetitive.

APPLICABILITY

Ultramagic Stainless Steel M-20/M-20D, M-30/M-30D, M-40/M-40D Fuel Cylinders, manufactured before July 2013, with ID plate installed using Aluminium rivets (see Figure 1).

Fig.1 - Cylinder ID plate fitted with Alu-rivets. Content and format of the ID plate may differ.

NOTE: Elder models may have plates secured using weld; this SB is not applicable in that case.

REASON

In the unlikely event of a fire on board, Cylinder identification plate may detach due to the melting of the rivets securing it. It is therefore recommended to replace at least one of them with St Steel rivets.

ACCOMPLISHMENT INSTRUCTIONS

Tooling and Materials

Handheld electric drill
Ø3.25mm metal drill bit
Ø3.2 x 6 to 10mm Stainless Steel flat/dome head blind Rivet (DIN 7337-A or equivalent)
Suitable rivet gun

Procedure

1. Visually inspect the rivets and make sure that the Bulletin has not been already implemented.

2. Using the drill, point to the centre of the rivet head. Drill through, perpendicularly to the surface, in order to release the existing rivet. Clean the hole from swarf and particles - use pliers if necessary. Make sure not to damage the valves and components installed inside the collar of the cylinder.

3. Using a suitable rivet gun, apply the rivet to join the ID plate onto the collar.

4. Check the rivet end inside the collar. Make sure it doesn't have a sharp end; smoothen if necessary.

5. Optionally, steps 2 to 4 can be repeated on the 3 remaining rivets.

6. Log the work into the applicable technical record.

NOTE: If more than one cylinder is to be modified at a time, put attention to avoid inadvertent plate swapping.

Factory contact details:

ULTRAMAGIC, S.A.
E-mail: techinfo@ultramagic.com
Phone: (+34) 93 804 22 02
Address: P.O. Box 171 – 08700 Igualada (Spain)

Josep M Lladó Costa
DOA Head – Aeronautical Engineer

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