

ULPOWER AERO ENGINES N.V.

Kasteelstraat 37
B-8980 Geluveld
Belgium
Tel. +32 57 46 82 22
Fax +32 57 46 82 57
e-mail: info@ulpower.com

SERVICE BULLETIN

DATE: 01/08/2012

Service Bulletin No. 2012-01

SUBJECT: Alternator fan

MODELS AFFECTED: All models

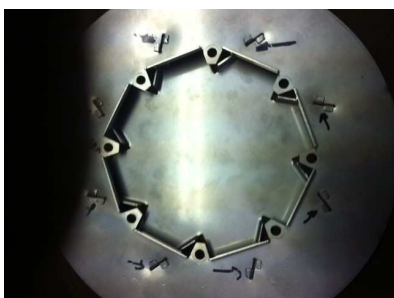
TIME OF COMPLIANCE: Before next flight ! URGENT!

AFFECTED SERIAL NUMBER: All engines

Reason

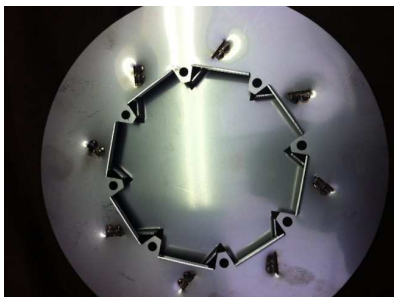
The new design alternator fan was developed to improve the cooling capacity to cool down the alternator.

Original the 2 parts of the fan were connected to each other by bended flaps. See picture 1.



picture 1

Because the connection can come loose. ULPower redesigns and the two parts are now welded to each other. See picture 2.



picture 2



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However, even this connection can come loose. Because of vibration the bended flaps break. ULPower need to change urgent the design!

Until ULPower release a new design, we strongly advise to weld the 2 parts to each other as showed in picture 3.

If the customer is not capable to weld it, ULPower can deliver a new fan, welded conform picture 3.

Attention! As soon as the new design should be available the alternator fan have to be changed by the new design.



picture 3

Inspection

Check if the engine is equipped with a fan conform picture 3.

Action

1. remove the fan from the engine (8 screws)
2. weld it conform picture 3 without deformation or order a new fan from ULPower
3. as soon as the new design is available, change your fan by this new one

Safety

Observe all warnings and cautions contained in the airplane manuals.



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