

SERVICE LETTER NO. SL 115-53

I. TECHNICAL DETAILS

1.1 Airplanes affected:

Description	LBA TCDS	EASA TCDS	FAA TCDS	Serial-Nr.
G 115E	1078	EASA.A.364		82086/E-82185/E 82301/E-82323/E

1.2 Subject:

ATA-Code: 20-10 Standard Practices - Airframe
Torque Value

1.3 Reason:

In the Aircraft Maintenance Manual G 115E Chap. 20-10 the standard torque value for M5 metric thread nuts is given with 3.6Nm (2.6lbs.ft). This value was also used for the bolts replacement I.A.W. MSB 1078-122/7 during installation of the hinge brackets.

Extensive investigation and testing has revealed that the standard torque value is too high for the particular application.

The correct maximum torque value for the installation of the brackets on plywood is 1.5Nm (1.1lbs.ft).

1.4 Information:

1.4.1 Incorporate Temporary Revisions No. 20-05 and 51-04 into the Aircraft Maintenance Manual as instructed in Para. 1 of the TR.

Caution: Do not torque higher. This may cause damage to the underlying plywood structure.
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II. REMARKS

If you have sold your aircraft in the meantime, would you kindly pass this information on to the new owner and forward his address and aircraft S/N to us. For questions and assistance please contact:

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