



Test Monitoring Center

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L-42 Information Letter No. 07-1
Sequence No. 27
May 9, 2007

ASTM consensus has not yet been obtained on this information letter. An appropriate ASTM ballot will be issued in order to achieve such consensus.

TO: L-42 Mailing List

SUBJECT: 1. Revised Wording for Backlash Measurements
2. Revised Pretest Contact Pattern Procedure

1. At the April 11, 2007 L-42 Surveillance Panel meeting, the panel approved a motion revising how backlash is measured and reported. Sections 8.2.3, 8.2.3.1, and 8.2.8 of the L-42 test procedure (STP 512A) have been revised.
2. At the April 11, 2007 L-42 Surveillance Panel meeting, the panel approved a motion revising the pretest contact pattern requirements. Section 8.2.1 of the L-42 test procedure (STP 512A) has been revised.

These changes are effective on April 11, 2007.

The updated version of the L-42 test procedure is available in its entirety from the TMC web site (ftp://ftp.astmtmc.cmu.edu/docs/gear/142/procedure_and_ils) or by contacting the TMC for a hard copy. The revised sections of the L-42 procedure are attached.

Cory Koglin
Chairman
L-42 Surveillance Panel

John L. Zalar
Administrator
ASTM Test Monitoring Center

Attachment

c: ftp://ftp.astmtmc.cmu.edu/docs/gear/142/procedure_and_ils/il07-1.pdf

Distribution: Email

8.2.1 Pretest contact pattern procedure: Record coast side pattern as received from manufacturer. Contact patterns shall be L2F+1, L2F0, L2F-1, L3F+1, L3F0, and L3F-1 for gear batch B6L544/P4L806. These contact patterns are only recommended for all other gear batches.

8.2.3 Record the backlash reported from the manufacturer. The reading shall be between .004 and .012 in. (0.102 to 0.305 mm).

8.2.3.1 Measure and record backlash at four equally spaced locations. Report the average and the four readings.

8.2.8 Measure and record backlash at four equally spaced locations. Report the average and the four readings.