



Aviation Technical Bulletin

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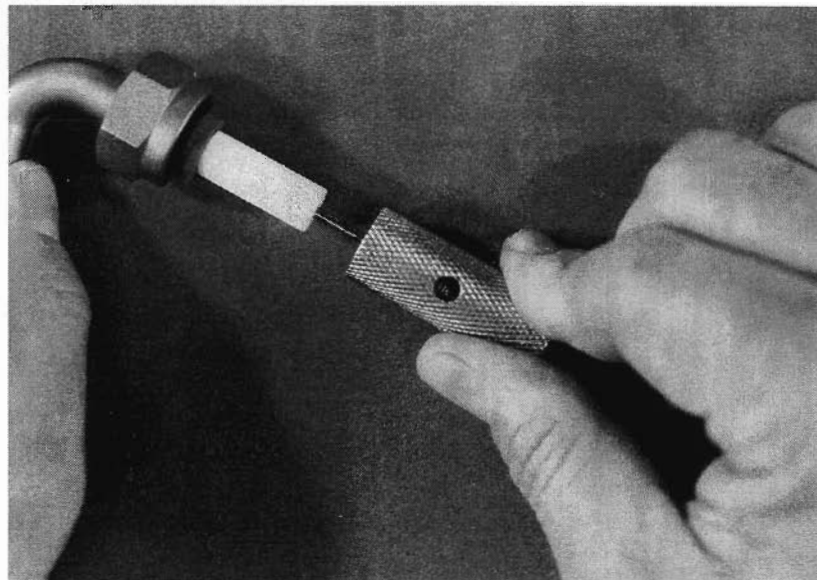
97-6
Supersedes 91-1

TURBINE LEAD CONNECTOR WEAR GAUGE — CT497

Lead inspection should include the contact socket for evidence of corrosion or electrical arcing.

Aircraft recommended practices (ARP) 670-3M terminal assemblies should be tested for contact socket tension. The CT497 is used to verify contact pressure for the type 3M terminal as used most commonly on Garrett leads, but not exclusively.

The proper use is illustrated below. With the tool engaged into the socket, pull back on the CT497 and observe the colored (green) bar that appears in the inspection window. If the green bar doesn't appear before the tool slides from the contact socket, the lead should be overhauled or replaced.



The CT497 is available from your Champion Aviation distributor. This inspection tool is a "must" for any shop faced with the challenge of lead inspection.

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