



# Aviation Technical Bulletin

Route to:

SERVICE  
MANAGER

SALES  
MANAGER

BULLETIN  
BOARD

*Bringing Power to Flight*

December 1997

97-7  
Supersedes 91-2

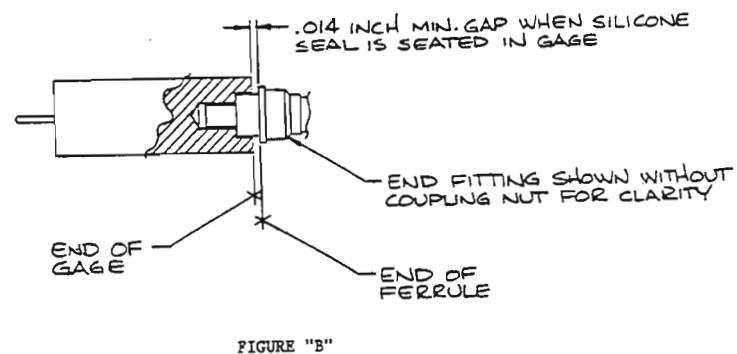
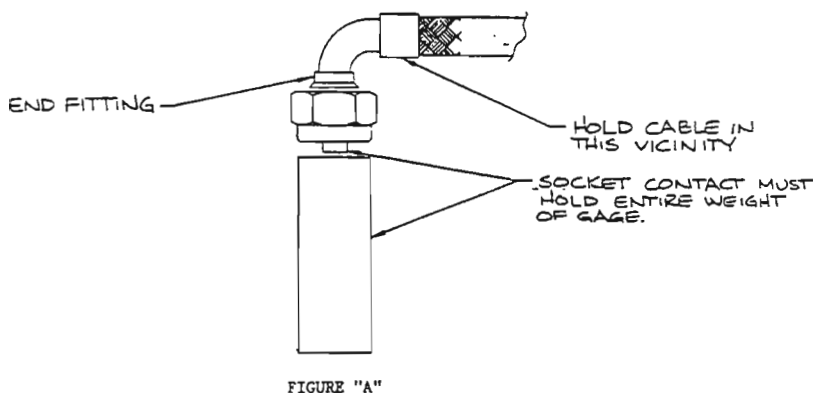
## CALIBRATED WEAR GAUGE CT496 TURBINE LEAD CONNECTOR

Lead inspection should include the examination of the contact socket for evidence of corrosion or electrical arcing. This should also include inspection of the neoprene grommet for expansion.

The recommended practice is that ARP670-2M terminal assemblies should be tested for contact socket tension. The CT496 is used to verify contact pressure for the type 2m terminal as used on PT6 leads and others.

The CT496, as illustrated below (Figure A), will allow you to insert the calibrated pin into the socket and allow the tool to hang freely. If the socket won't hold the 4 oz weight as required, it will have to be replaced. The tool can also be used to inspect the integrity of the neoprene grommet. If the grommet won't insert into the cavity on the opposite end, it will need to be replaced.

The complete lead assembly can be overhauled or replaced through your Champion Aviation Distributor.



The CT496 is now available from your Champion Aviation Distributor.

**Champion Aviation Products: Your Blueprint for Performance**