

TECHNICAL BULLETIN 041005

DATE; OCT. 4, 2005

MODELS AFFECTED: ALL

AREA AFFECTED: DELRIN BEARINGS

A recent inspection of an Elite with 200 hrs. total time has shown premature wear between the aileron torque tube and the CC-37 Delrin bearing.

These bearings were lubricated with LPS 2 and it is concluded that the lubricant attracted dust and formed a grinding compound.

SOLUTION; Delrin is a self lubricating material and no lubricant should be used.

BEARING AREA PREPARATION;

Remove paint with emery cloth from metal parts.

Remove oxidization with Scotchbrite from aluminum parts.

Chamfer edges of Delrin where it contacts torque tube.

Technical Department