Planning Information

Affected Propeller

MTV-25-2-D-C-R(M)/CR170-23
Shrouded Propeller Installation

Reason

Not enough clearance between blade tip and shroud

Work Procedure:

- Mark the blade tip exactly at the desired blade length and needed gap by appropriate means (picture 1)
- Cut the blade with a vibration saw (picture 2)

Attention:
- Start cutting from the leading edge to avoid stainless steel bonding delamination from the blade.
- Smooth edges with sandpaper 220 grid
- To avoid moisture it is mandatory to cover the blade tips with 5 min epoxy
- Final painting is only for visual effect, not mandatory
- The min. allowable diameter is 165 cm according to Service Bulletin 1( ).

References:

FAA AC 43.13-1A
Standard Practice Manual No. E-808