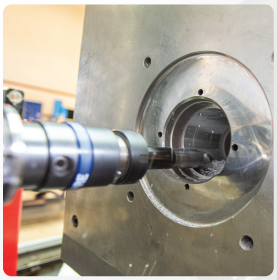
Segers
54H60 Series Propeller
Overhaul and Service Solutions
US Air Force Source Approved
to latest T.O.

Segers Aero Corporation is a U.S. Air Force Source Approved Facility for the 54H60 Propeller Overhaul

Our team has developed equipment and processes in compliance with the current T.O. requirements to perform propeller overhaul and repairs. We comply with the latest Hamilton Sundstrand/ Collins overhaul and repair manuals and all ASB's.

TAPER BORE MACHINING –

Oversizing of the taper bore as required for overhaul inspections is performed on a CNC mill. Specially engineered tooling and fixturing is used to ensure concentric accuracy is maintained while achieving optimal surface finish.

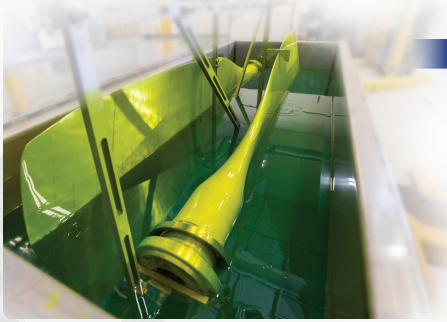


COLD ROLLING –

Exclusively designed and approved, fully automated robotic cold roll machine with improved accuracy, repeatability and efficiency over the traditional methods.

INSPECTIONS

New inspection processes have been implemented



FLUORESCENT PENETRANT –

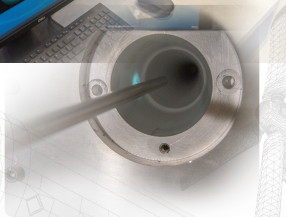
Featuring full blade immersion with controlled dwell times.

EDDY CURRENT & ULTRASONIC –

Segers provides tooling and training to comply with ASB A154 and A155 in the field to reduce operator down time.

ROBOTIC BORESCOPE –

Automation, efficiency and HD quality imagery.



LASER SCANNING –

Using industry leading technology, Segers has created a simple and speedy method of measuring blades accurately.

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Segers Aero Corporation
A Segers Group Company
8100 McGowin Drive
Fairhope, AL 36532

+1 251 928 1878
+1 251 929 2655
sales@segers.aero
www.54h60.com

@segersaero
@SegersAeroCorp
@Segers Aero Corporation
@SegersAviation