

TAIL ROTOR BLADE CONTROL ARM BUSHING SEALING

SUMMARY:

Procedures in this service notice provide owners and operators with information pertaining to application of Sealant in the areas surrounding the Control Arm Bushing in the Root Fitting.

PURPOSE:

The purpose of this notice is to ensure the application of sealant around the Tail Rotor Blade Control Arm Bushing.

Failure to comply with this bulletin may result in corrosion around the Control Arm Busing in the Tail Rotor Root Fitting. Active Corrosion in this area could ultimately result in breakage of the Control Arm and loss of Tail Rotor and partial loss of directional control.

PART NUMBERS AND SERIAL NUMBERS AFFECTED:

500P3100-101 (STC Number SR09213RC) All Serial Numbers.

This blade is also known as MD Helicopters, Inc. Part Number 369D21640-501 and all references in MD Helicopters, Inc. CSP-HMI-2 that pertain to part number 369D21640-501 pertain to HTC part number 500P3100-101 as well.

500P3100-301 (STC Number SR01282LA) All serial Numbers.

This blade is also known as MD Helicopters, Inc. Part Number 369D21641-501 and all references in MD Helicopters, Inc. CSP-HMI-2 that pertain to part number 369D21641-501 pertain to HTC part number 500P3100-301 as well.

500P3300-501 (STC Number SR01282LA) All Serial Numbers.

This blade is also known as MD Helicopters, Inc. Part Number 369D21643-501 and all references in MD Helicopters, Inc. CSP-H-2 and CSP-H-4 that pertain to part number 369D21643-501 pertain to HTC part number 500P3300-501 as well.

500P3500-701 (STC Number SR01282LA) All Serial Numbers.

This blade is also known as MD Helicopters, Inc. Part Number 369D21642-501 and all references in MD Helicopters, Inc. CSP-HMI-2 that pertain to part number 369D21642-501 pertain to HTC part number 500P3500-701 as well.

HELICOPTER MODELS AFFECTED:

MD Helicopters, Inc. Models 369A, H, HE, HM, HS, D, E, and FF.

TAIL ROTOR BLADE CONTROL ARM BUSHING SEALING

TIME OF COMPLIANCE:

This bulletin shall be accomplished within 25 hours of receipt of this notice.

FAA APPROVAL:

N/A.

MANPOWER:

Approximately 0.5 man-hours will be required to accomplish this bulletin.

WARRANTY POLICY:

N/A.

DISPOSITION OF PARTS REMOVED:

N/A.

REFERENCES:

- 1) MD Helicopters, Inc. Handbook of Maintenance Instructions (CSP-H-2), Revision 17, dated May 15, 2001 or later
- 2) MD Helicopters, Inc. Appendix B (CSP-H-4), Revision 1, dated May 14, 2001 or later
- 3) MD Helicopters, Inc. Handbook of Maintenance Instructions (CSP-HMI-2), Revision 29, dated May 11, 2001 or later
- 4) MD Helicopters, Inc. Rotorcraft Log Book (CSP-RLB), Revision 2, dated February 17, 2000 or later
- 5) Maintenance Manual HTCM-002, Part Number 500P3100-101 and -301, 500P3300-501, and 500P3500-701 Tail Rotor Blades (Installation and Maintenance), Revision A, dated April 7, 2001 or later.

REQUIRED MATERIALS:

- 1) Sealant, Two-Part Epoxy, DP-190, 3M Corporation.

TAIL ROTOR BLADE CONTROL ARM BUSHING SEALING

INSPECTION INSTRUCTIONS:

- 1) Clean area with Solvent.
- 2) Inspect area for Active Corrosion.
- 3) If the area does not have Sealant in place, apply small bead of Sealant to base of Control Arm Bushing as shown in Figure 1 below.

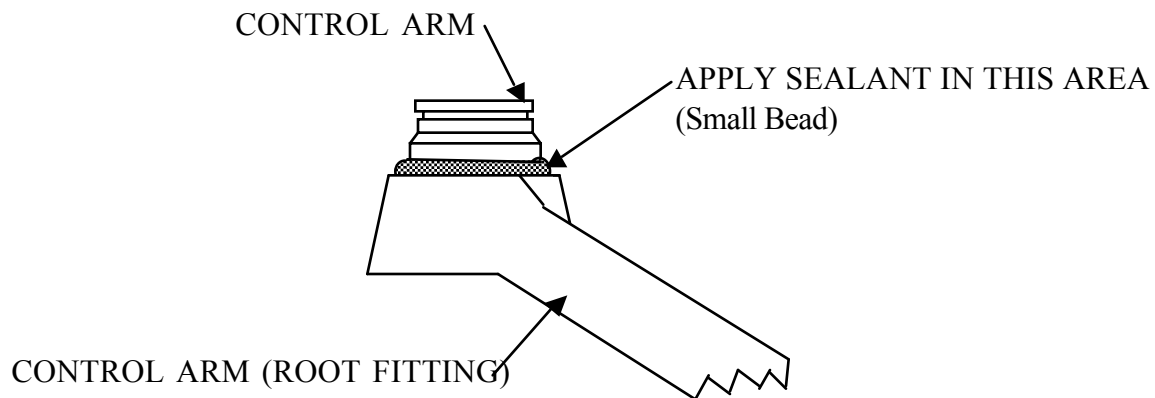


Figure 1 – Control Arm Area of Tail Rotor Blade Root Fitting

RECORDING AND COMPLIANCE:

Record compliance with this Service Bulletin in the Technical Directives and Bulletins section of the rotor blade Serviceable Component Record.

POINTS OF CONTACT:

For further information and rotor blade disposition, contact Helicopter Technology Company, LLC (HTC) at (310) 523-2750, or FAX (310) 523-2745.