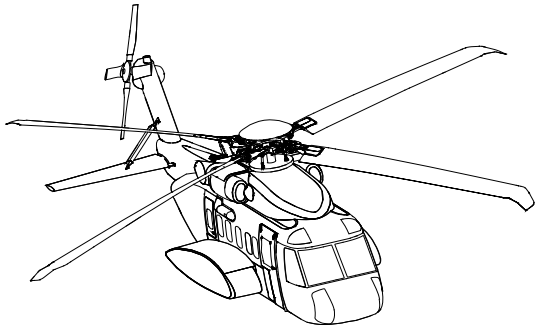
Sikorsky Aircraft Corporation
6900 Main Street P.O. Box 9729
Stratford, Connecticut 06615-9129
(203) 386-4000



S-92® HELICOPTER

ALERT SERVICE BULLETIN

NOTICE TO ALL PERSONS RECEIVING THIS DOCUMENT:

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ASB 92-62-009

Basic Issue ▪ February 6/19

SUBJECT: ROTORS – Main Rotor (MR) Swashplate Assembly – One-Time Visual Inspection of MR Stationary Swashplate Assembly for Cracks

Section 1. PLANNING INFORMATION

A. Effectivity — All MR stationary swashplate assemblies (92104-15011-042 or -043) with more than 1600 hours Time Since New (TSN), including spares.

B. Purpose — To provide instructions for a one-time inspection of MR stationary swashplate assembly for cracks.

C. Background — An occurrence of an in-service crack was reported on MR stationary swashplate assembly inner ring during a recurring inspection. An inspection has been developed to determine if cracks are present. If cracks are found, the swashplate assembly, uniball bearing, trunnions, and all attachment hardware shall be returned to Sikorsky for further investigation.

D. Description — Helicopter is prepared for inspection. Visual inspection of MR stationary swashplate assembly is performed. If cracks are found, swashplate assembly is removed and replaced and Sikorsky Customer Service Engineering is contacted. If any other damage is found, Sikorsky Customer Service Engineering is contacted with damage information. Helicopter is returned to service.

E. Compliance — Compliance is essential. The inspection outlined herein shall be accomplished within 50 flight hours or no later than February 13, 2019, whichever occurs first.

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Section 1. PLANNING INFORMATION (Continued)

F. Approval Inspection item.

G. Manpower (Estimated)

Task	No. of Men	No. of Hours	Man-Hours*
Visual Inspection of MR Stationary Swashplate Assembly	1	0.5	0.5
Total Man-Hours			0.5

*Estimate does not include time required to prepare helicopter or return it to flight status.

H. Tooling

None.

I. Weight and Balance

Not affected.

J. Electrical Load Data

Not affected.

K. Software Load Data

Not changed.

L. References

Maintenance Manual SA S92A-AMM-000, Tasks 62-31-01-900-001/-002.

M. Publications Affected

(1) Temporary Revision 62-39 against Maintenance Manual, SA S92A-AMM-000, Task 62-31-00-215-001 will be released at a later date.

(2) Temporary Revision 62-40 against Maintenance Manual, SA S92A-AMM-000, Task 62-31-01-210-001 will be released at a later date.

N. Attachment

None.

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Section 2. MATERIAL INFORMATION

A. Basis for Material Data

Per helicopter.

B. Bill of Material

None.

C. Consumable Material

None.

Section 3. ACCOMPLISHMENT INSTRUCTIONS

A. Prepare helicopter for inspection:

WARNING TO PREVENT ELECTRICAL SHOCK OF PERSONNEL OR POSSIBLE DAMAGE TO HELICOPTER COMPONENTS, MAKE SURE TO TURN OFF ALL ELECTRICAL POWER.

(1) Turn off all helicopter electrical and hydraulic power.

(2) Engage rotor brake.

NOTE: Disassembly of swashplate assembly is not required. All visual inspections shall be conducted with trunnions and hardware in place.

B. Visually inspect MR stationary swashplate assembly as follows:

(1) If necessary, disengage rotor brake, rotate MR to improve accessibility, and reengage rotor brake.

(2) Inspect around entire circumference of upper and lower surfaces of MR stationary swashplate assembly inner ring and upper and lower surfaces of trunnion attachment areas for cracks. (Refer to Figure 1).

(a) If cracks are found, remove swashplate assembly from service and install serviceable swashplate assembly. (Refer to Maintenance Manual SA S92A-AMM-000, Tasks 62-31-01-900-001/-002). Contact Sikorsky Customer Service Engineering at 1-800-WINGED-S or e-mail: wcs_cust_service_eng.gr-sik@lmco.com and proceed to step C.

(b) If nicks, dents, scratches, and/or any other damage is found, contact Sikorsky Customer Service Engineering at 1-800-WINGED-S or e-mail: wcs_cust_service_eng.gr-sik@lmco.com and provide location, size (length, width, and depth) and photos of damage for disposition. After performing disposition, proceed to step C.

(c) If no cracks, nicks, dents or any other damage is found, proceed to step C.

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Section 3. ACCOMPLISHMENT INSTRUCTIONS (Continued)

C. Record Alert Service Bulletin (ASB) inspection on component log card for swashplate assembly (92104-15000-043/-044).

D. Return helicopter to service.

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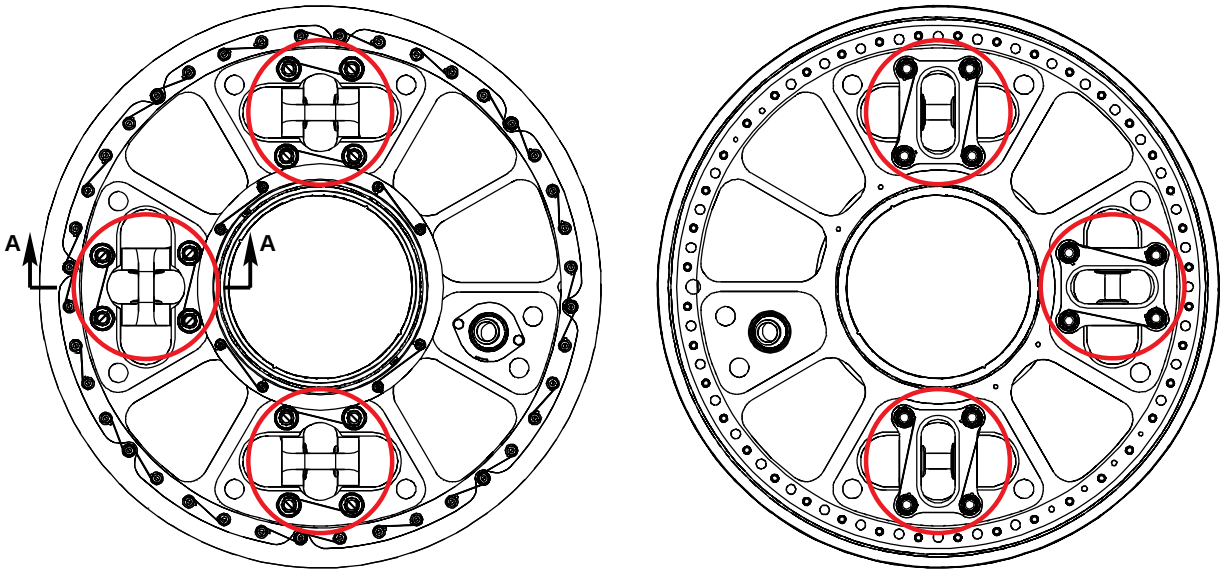
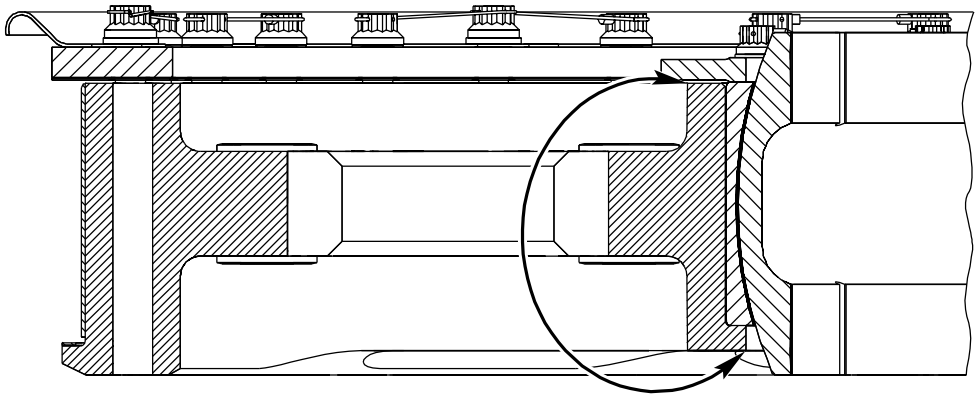
Section 3. ACCOMPLISHMENT INSTRUCTIONS (Continued)



TOP VIEW **BOTTOM VIEW**

TRUNNION ATTACHMENT INSPECTION LOCATIONS



SECTION A−A
INNER RING INSPECTION LOCATION
(TRUNNION NOT SHOWN FOR CLARITY)

TD4825
SA

MR STATIONARY SWASHPLATE ASSEMBLY INSPECTION LOCATIONS
FIGURE 1

This file contains export controlled information. See WARNING on first page.

Section 3. ACCOMPLISHMENT INSTRUCTIONS (Continued)

E. Record of compliance:

(1) Make helicopter logbook entries to show compliance with this ASB as follows:

(a) Make helicopter level logbook entry on form SA7343-15 (Aircraft ASB Release Signoff).

(b) When ASB modifies a component that can be removed from this helicopter:

1. Make component log card entries on forms SA7343-22 (Aircraft Component Log Cards) and SA7343-21 (Component Log Cards), as applicable.

2. If a component modified by this ASB does not have a log card and the ASB does not create one, then annotate compliance on the next higher assembly that the component belongs to which does have a log card.

NOTE: If access to www.Sikorsky360.com is unavailable, complete attached ALERT SERVICE BULLETIN COMPLIANCE RECORD CARD and return it to Sikorsky Aircraft Corporation.

(2) Make an appropriate electronic compliance entry in the E-Notification section at www.Sikorsky360.com. Refer to User Guide located on the www.Sikorsky360.com/E-Notification Search page.

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(Fold over and tape closed)

SIKORSKY AIRCRAFT CORPORATION

FACSIMILE NUMBER (817) 762-6715

EMAIL ADDRESS: product_safety.gr-sik@lmco.com

ATTENTION: Gr-SIK, Product_Safety
SIKORSKY AIRCRAFT CORPORATION

IMPORTANT NOTICE

Upon COMPLIANCE with the attached ASB, Sikorsky requests your cooperation in completing and returning this ENTIRE PAGE by MAIL, FAX, or scan & EMAIL.

Please fill in the requested information at the bottom of the page, so we may maintain proper records documenting the configuration of your aircraft. This information is useful when determining configuration and effectivity of issues affecting fielded aircraft.

This request is in keeping with our policy to assure that our customers receive the latest information applicable for the maintenance of your aircraft. Thank you.

ALERT SERVICE BULLETIN: No. 92-62-009 **Compliance Record Card**

TITLE: ROTORS – Main Rotor (MR) Swashplate Assembly – One-Time Visual Inspection of MR Stationary Swashplate Assembly for Cracks

OWNER/OPERATOR: _____

SUBMITTED BY: _____ **DATE:** _____

☐ **FOLLOWING SERIAL NUMBERS ARE NOT AFFECTED BY THIS ASB**

☐ **ASB HAS BEEN COMPLIED WITH ON HELICOPTER SERIAL NUMBERS:**

_____ _____ _____ _____ _____ _____

_____ _____ _____ _____ _____ _____

(Fold Up to Arrows)

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or fold and return ENTIRE form to Sikorsky Aircraft Corporation

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