




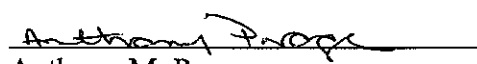
SERVICE LETTER
FOR THE REPLACEMENT OF
10953-005 THREADED ROD ASSEMBLY
USED ON
SIMPLEX 10900-004 SPRAY SYSTEMS
INSTALLED ON
KAMOV Ka-32 ROTORCRAFT

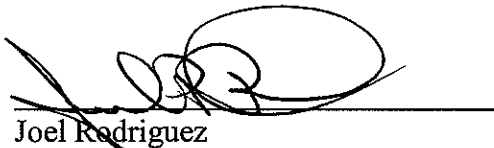
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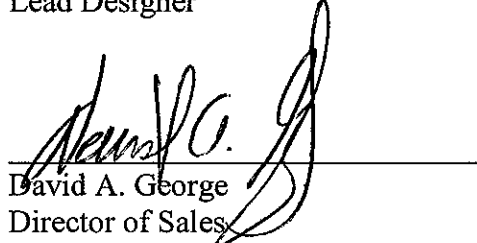
Date: 06 August 2008

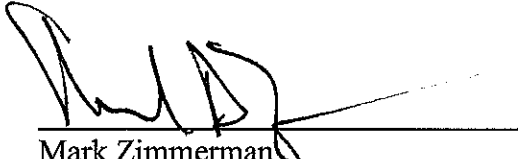
Effectivity: 10900-004

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Log of Revisions

Rev.	Description of Revision	Date	Approved
I/R	Initial Release	08/12/07	WCS
A	Updated format of document; added Log of Revisions Revised Compliance (was) 90 days or 100 flight hours	10/22/07	WCS
B	Revised Manpower Estimate (was) for work performed by LG International Co., Ltd., or other Simplex Approved Distributor	11/26/07	WCS
C	Serial Number Effectivity (was) all and (was) Serial Number Effectivity. Compliance (was) Mandatory within 180 days or 100 flight hours	3/24/08	WCS
D	Compliance (was) Mandatory within 100 flight Hours from initial release	5/08/08	WCS
E	Revised Publications Affected (was) "None"	5/28/08	WCS
F	Revised Accomplishment Instructions (was) "Apply Torque to LOCKNUT (111810-001) Of 275 FT-lbs (373 N-m)"	08/06/08	WCS



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SYSTEM MODELS AFFECTED:

10900-004 SPRAY SYSTEM

PART NUMBERS AFFECTED:

10953-005 THREADED ROD ASSEMBLY

TANK SERIAL NUMBER EFFECTIVITY:

<u>TANK S/N</u>	<u>MODEL NUMBER</u>	<u>DESCRIPTION</u>
001 and 002	10900-004	SPRAY SYSTEM

FAA APPROVAL:

None

MANPOWER:

Four (4) MHRS (Estimated) for work performed by LG International Co., Ltd., or other Simplex Approved Distributor or End User

COMPLIANCE:

Recommended within 100 flight hours from initial release; mandatory by 31 December 2008

HISTORY

The FAA published data showing 7075-T6 aluminum to be susceptible to stress corrosion cracking; 7075-T7 is the FAA recommended replacement.

There is no known non-destructive inspection to determine if stress corrosion is present; as a result Simplex is requiring the replacement of attachment hardware using 7075-T6 with hardware using 7075-T7.



BRIEF DESCRIPTION OF SERVICE LETTER:

- 1) Remove the 10953-005 THREADED ROD ASSEMBLY
- 2) Replace removed items with new components manufactured from an aluminum alloy temper designed to better resist stress related corrosive attack

MATERIALS:

10953-005 THREADED ROD ASSEMBLY

SPECIAL TOOLS:

- 1) Calibrated Torque Wrench
- 2) 1 5/8" Socket
- 3) Spanner Wrench Part Number 10954-001 for Removing 10954
- 4) One half inch (0.5") Diameter metallic rod at least two (2) feet in length

WEIGHT AND BALANCE:

None

ELECTRICAL LOAD DATA:

None

REFERENCE:

10900-005 TECHNICAL MANUAL

PUBLICATIONS AFFECTED:

Service Bulletin SB10900050014 obsolete with the installation of this Service Letter



ACCOMPLISHMENT INSTRUCTIONS:

I. Remove the main tank assembly from rotorcraft

- (1) Ensure that the Fire Attack tank is empty and remove in accordance with the 10900-004 TECHNICAL MANUAL

II. Remove the 10953-005 THREADED ROD ASSEMBLY

- (1) Use the 0.5” metallic rod to secure the THREADED ROD ASSEMBLY (10953-005) and prevent it from rotating
- (2) Remove the THREADED ROD ASSEMBLY (10953-005) by removing the LOCKNUT (000-111810-001) and THREADED END (000-10954-000) from the bottom of the tank; discard these items
- (3) Remove the upper portion of the THREADED ROD; discard this item

III. Replace the 10953-005 THREADED ROD ASSEMBLY

- (1) Insert the upper portion of the THREADED ROD ASSEMBLY (10953-005)
- (2) Use the 0.5” metallic rod to secure the THREADED ROD ASSEMBLY (10953-005) and prevent it from rotating
- (3) Install the new THREADED END (000-10954-000) and new LOCKNUT (111810-001)
 - i. Be sure to take up all clearance fully between tank surface and threaded end of upper portion of THREADED ROD ASSEMBLY (10953-005)
 - ii. Apply torque to LOCKNUT (111810-001) of 275 FT-lbs (373 N-m)

IV. COMPLETION

- (1) Store main tank assembly or reinstall in rotorcraft in accordance with 10900-004 TECHNICAL MANUAL