

**MU-2**

SERVICE NEWS

MITSUBISHI HEAVY INDUSTRIES, LTD.
NAGOYA AEROSPACE SYSTEMS WORKS
10, OYE-CHO, MINATO-KU, NAGOYA, JAPAN

JCAB T.C. : No. 188
FAA T.C. : No. 138/32-015

DATE: June 8, 2016

SUBJECT: Nose Landing Gear System Preventative Maintenance

MODELS AFFECTED: All MU-2B Airplanes

Recent field reports of a Nose Landing Gear (NLG) collapse and a gear-up landing appear to be the result of improper rigging or structural deformation due to an accumulation of hard landings that impose loads on the system components which are in excess of their design limits.

To minimize the potential for such problems, a good precautionary maintenance practice for all MU-2 owners/operators/mechanics would be to review the Service Bulletins and Service News previously published on this subject by MHI/MHIA, even if complied with when first issued. A fresh look at this service information should be made to verify rigging, adjustments and maintenance. For convenience we include copies of the following previously issued service information on this subject and wish to remind you that this service information is also available on the MHIA website www.mu-2aircraft.com.

JCAB Service Bulletins (for A2PC Airplanes)

1. SB 181B Inspection and Replacement of Nose Landing Gear Strut Assembly
(JCAB AD TCD-1768-1-85, FAA AD 86-15-03)
2. SB 188 Down Lock Mechanism, Nose Landing Gear – Inspection of (JCAB AD TCD-2070-81)
3. SB 190A Traveling Nut Replacement of Landing Gear Mechanical Stop Assembly
4. SB 193B Landing Gear Warning Horn System Modification
5. SB 195 Inspection for Cracks and Replacement of the Bracket Attaching L/H Drag Strut of NLG
(JCAB AD TCD-2263-83)
6. SB 200B Inspection of Nose Landing Gear Drag Strut Link
7. SB 230 Modification of Bearing Box – Landing Gear Actuating Mechanism
(JCAB AD TCD-4684-97)

FAA Service Bulletins (for A10SW Airplanes)

1. SB 017/32-001A Inspection and Replacement of Nose Landing Gear Trunnion
2. SB 038/32-002 Inspection and Replacement of Nose Landing Gear Eccentric Bolt
3. SB 045/32-004 Inspection/Replacement of LDG Mechanical Stop Assembly Traveling Nut

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- 4. SB 046/32-005 Inspection for Crack and Replacement of the Bracket Attaching Nose Landing Gear LH Drag Strut
- 5. SB 048/32-006 NLG Downlock
- 6. SB 055/32-009A Nose Landing Gear Drag Strut
- 7. SB 072/32-011A Replacement of Nose Landing Gear Eccentric Bolt
- 8. SB 085/32-014 Landing Gear Warning System Modification
- 9. SB 092/32-015 Modification of Bearing Box - Landing Gear Actuating Mechanism

JCAB Service News (for A2PC Airplanes)

- 1. SN 085 Precautions and Maintenance Tips for MU-2 Nose Landing Gear System
- 2. SN 168 Nose Landing Gear Rigging
- 3. SN 169 Nose Landing Gear Drag Strut Down-Lock Link Installation
- 4. SN 182 Nose Landing Gear Collapse

FAA Service News (for A10SW Airplanes)

- 1. SN 041/32-001 Precautions and Maintenance Tips for MU-2 Nose Landing Gear System
- 2. SN 121/32-009 Nose Landing Gear Rigging
- 3. SN 122/32-010 Nose Landing Gear Drag Strut Down-Lock Link Installation
- 4. SN 132/32-014 Nose Landing Gear Collapse

Please contact Mitsubishi Heavy Industries America, Inc. Engineering at (972) 934-5480 ext 207 if you have any questions.