Service Bulletin

July 12, 1999

TITLE

ENGINE PISTON PIN PLUG WEAR INSPECTION

EFFECTIVITY

<table>
<thead>
<tr>
<th>Models</th>
<th>Serial Numbers</th>
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<tr>
<td>172R</td>
<td>17280001 thru 17280722</td>
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<td>172S</td>
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<td>182S</td>
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<td>206H</td>
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<td>T206H</td>
<td>T20608001 thru T20608075</td>
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REASON

To transmit Textron Lycoming Service Instruction No. 1492B; Piston Pin Plug Wear Inspection, Textron Lycoming Mandatory Service Bulletin No. 480C; Oil Filter Change And Screen Cleaning and Textron Lycoming Service Instruction No. 1267C; Piston Pin Plug Usage. According to Lycoming, “Field reports indicate an increase in incidents of abnormally worn piston pin plugs in some units shipped after January 1, 1994. Evidence of such wear can be detected by use of an oil filter content inspection or spectrographic oil analysis."

DESCRIPTION

An inspection for piston pin plug wear is required as specified in Textron Lycoming Service Instruction No. 1492B (or latest revision). The inspection should be done during oil and filter change and screen cleaning required by Textron Lycoming Mandatory Service Bulletin No. 480C (or latest revision). It is also necessary to ensure correct piston pin plug usage as specified in Textron Lycoming Service Instruction No. 1267C (or latest revision).

Non-compliance with these inspections and procedures may allow undetected premature deterioration of the piston pin plugs which could result in partial and/or complete loss of engine power.

COMPLIANCE

Recommended; should be accomplished at next oil change/oil filter replacement, not to exceed 50 hours of engine operation (within the first 10 hours and next 25 hours for new, remanufactured, or newly overhauled engines) and at each 50 hours of operation thereafter as specified in Textron Lycoming Service information No. 1492B (or latest revision).

NOTE: Compliance with Revision 2 Initial Inspection is not required if in compliance with Revision 1 Initial inspection of this service bulletin. The subsequent Repetitive Inspections are still required as specified in Textron Lycoming Service Instruction No. 1492B (or latest revision) and Mandatory Service Bulletin No. 480C (or latest revision).

Original Issue: January 18, 1999
Revision 1: April 5, 1999

To obtain satisfactory results, procedures specified in this publication must be accomplished in accordance with accepted methods and prevailing government regulations. The Cessna Aircraft Company cannot be responsible for the quality of work performed in accomplishing the requirements of this publication.

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APPROVAL

Refer to Textron Lycoming Service information No. 1492B (or latest revision).

MANPOWER

Not determined

REFERENCES

Textron Lycoming Service Instruction No. 1492B (or latest revision)
Textron Lycoming Mandatory Service Bulletin No. 480C (or latest revision)
Textron Lycoming Service Instruction No. 1267C (or latest revision)
Textron Lycoming Service Letter No. L171 (or latest revision)
Model 172R SKYHAWK Illustrated Parts Catalog
Model 182S SKYLANE Illustrated Parts Catalog
Model 206H/T206H Illustrated Parts Catalog

NOTE: Ensure all publications used are complete and current.

MATERIAL PRICE AND AVAILABILITY

Not applicable

CREDIT INFORMATION

Not applicable

ACCOMPLISHMENT INSTRUCTIONS

Refer to the attached Textron Lycoming Service Instruction No. 1492B (or latest revision), Textron Lycoming Mandatory Service Bulletin No. 480C (or latest revision) and Textron Lycoming Service Instruction No. 1267C (or latest revision).
Revision Transmittal
July 12, 1999

TO: Cessna Distributors and Single Engine Service Stations.


REASON FOR REVISION
To set airplane ending serial numbers in the Effectivity section. Airplane serial numbers beginning with 17280723, 172S8194, 18280590, 20608046, T20608076 And On will be delivered from Cessna with engines incorporating part number 72198 aluminum bronze piston pin plugs as described in Textron Lycoming Service Instruction No. 1267C.
Miscellaneous changes as required.

REQUIRED ACTION
Please replace your copy of pages 1 and 2 of SB99-71-01 Revision 1 with the attached pages 1 and 2 of SB99-71-01 Revision 2.

NOTE: Compliance with Revision 2 Initial Inspection is not required if in compliance with Revision 1 Initial Inspection of this service bulletin. The subsequent Repetitive Inspections are still required as specified in Textron Lycoming Service Instruction No. 1492B (or latest revision) and Mandatory Service Bulletin No. 480C (or latest revision).

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