

MANDATORY

SERVICE BULLETIN

DATE: April 2, 2003

Service Bulletin No. 544A
(Supersedes Service Bulletin No. 544)
Engineering Aspects are
FAA Approved

SUBJECT: Bearing Replacement – Part Identification

MODELS AFFECTED: All Lycoming TIO-540-AE2A aircraft engines.

TIME OF COMPLIANCE: At overhaul or any time main or connecting rod bearings are replaced.

Although various bearings may fit different engines interchangeably, there are differences in material and construction that restrict the use of specific bearings to specific engine models.

In the TIO-540-AE2A engine, the following are the only bearings approved for use:

- | | |
|------------------------------|---------------------------------|
| Main Crankshaft Bearing | - Use only LW-14830 or 18E22677 |
| Front Main Crankcase Bearing | - Use only LW-13885 or 18A19399 |
| Connecting Rod Bearings | - Use only LW-16143 or 18M22676 |

NOTES

- | Main crankshaft bearings must be used only in complete engine sets of identical part numbers.
- | Front main crankcase bearings must be used only in complete engine sets of identical part numbers.
- | Connecting rod bearings must be used only in rod sets of identical part numbers.