

R22 SERVICE LETTER SL-76A

(supersedes R22 SL-76)

R44 SERVICE LETTER SL-63A

(supersedes R44 SL-63)

DATE: 21 July 2017

REV A: 27 July 2017

TO: R22-series & R44-series Owners, Operators, and Maintenance Personnel

SUBJECT: Lycoming Engine Connecting Rod Small-end Bushings

ROTORCRAFT AFFECTED: R22-series & R44-series Helicopters with engine serial numbers listed in Lycoming Service Bulletin No. 632A, available online at www.lycoming.com.

BACKGROUND: Lycoming has issued Service Bulletin No. 632A which requires inspection of certain connecting rod bushings within the next 10 flight hours.

COMPLIANCE PROCEDURE:

NOTE

Lycoming Service Bulletins are subject to revision. See www.lycoming.com for latest information.

Review Lycoming Service Bulletin No. 632A and comply as directed. RHC has a limited number of Lycoming ST-531 tools available for purchase at \$271.

O-540-F1B5 and IO-540-AE1A5 engines should be removed from R44-series helicopters in order to properly comply with the Lycoming Service Bulletin.

RHC records indicate the following helicopter serial numbers were originally fitted with engines that are affected by the Lycoming Service Bulletin. Confirm effectivity using aircraft records and/or engine data plate in conjunction with Lycoming SB 632A instructions. Submit warranty claim to RHC using Component Return/Authorization form (www.robinsonheli.com > Customer Support > Forms) and include copies of maintenance record entry and work invoice.

R22 S/Ns	R44 S/Ns	R44 Cadet S/Ns	R44 II S/Ns
4744 thru 4749	2465 thru 2472	30017, 30018	13986 thru 14112

(OVER)

RHC overhaul and repair records indicate the following engine serial numbers were fitted with connecting rod bushings that are affected by the Lycoming Service Bulletin. Confirm effectivity using aircraft records and/or engine data plate in conjunction with Lycoming SB 632A instructions.

O-320-B2C S/Ns	O-540-F1B5 S/Ns	IO-540-AE1A5 S/Ns	IO-540-AE1A5 S/Ns
L-12800-39A	L-24554-40A	L-137857-48E	L-33551-48E
L-14424-39A	L-24780-40A	RL-18456-48E	L-33571-48E
RL-15396-39A	L-25527-40A	L-28671-48A	L-33684-48E
L-15548-39A	L-25697-40A	L-28861-48A	L-33805-48E
L-15918-39A	L-25969-40A	L-29042-48A	L-33953-48E
L-16542-39A	L-25977-40A	L-29067-48A	L-34055-48E
L-16878-39A	L-26244-40A	L-29079-48A	L-34069-48E
L-17348-39A	L-26344-40A	L-29089-48A	L-34152-48E
	L-26428-40A	L-29149-48A	L-34213-48E
O-360-J2A S/Ns	L-26465-40A	L-29262-48A	L-34539-48E
L-38429-36A	L-26483-40A	L-29343-48A	L-34639-48E
L-39320-36A	L-26599-40A	L-29435-48A	L-35010-48E
L-39552-36A	L-26719-40E	L-29447-48A	L-35192-48E
L-39602-36A	L-26855-40E	L-29590-48A	
L-39920-36A	L-27042-40E	L-29780-48A	
L-40060-36A	L-27207-40E	L-29867-48A	
L-40404-36A		L-30162-48A	
L-40883-36E		L-30542-48A	
L-41298-36E		L-31096-48A	
L-41354-36E		L-31173-48A	
L-41377-36E		L-31215-48A	
L-41462-36E		L-31398-48A	
L-41874-36E		L-31435-48A	
L-41947-36E		L-31532-48A	
		L-31595-48A	
		L-31646-48A	
		L-31843-48E	
		L-32351-48E	
		L-32663-48E	
		L-32848-48E	
		L-33220-48E	
		L-33424-48E	
		L-33488-48E	