

SERVICE LETTER #28DATE: 17 Dec. 1986TO: All Robinson R22 Owners and OperatorsSUBJECT: Avco Lycoming Service Bulletin No. 477

BACKGROUND: Two Robinson R22 Helicopters have experienced broken Rocker Arm Assemblies (Avco Lycoming part no. LW18790) which have caused forced landings. Recently Avco Lycoming has converted their entire stock of Rocker Arm Assemblies to the LW18790 Rockers.

The Robinson R22 Helicopters listed below have Avco Lycoming 0-320 B2C engines that RHC knows are affected by Avco Lycoming Service Bulletin No. 477.

There may be other helicopters that have had their rocker arm assemblies replaced during maintenance or during engine overhauls that may also be affected. Check your engine serial number and Engine Logbook; if in doubt perform the Service Bulletin.

Robinson Helicopter Company is not involved in this inspection. Please work through your local Avco Lycoming Distributor. If this inspection has already been completed, it will be entered in the Engine Logbook.

If any Rocker Arm Assemblies need replacement, contact your nearest Avco Lycoming Service Center for information, replacement parts and Warranty Application Forms No. 916C.

NEW ROBINSON R22 HELICOPTERS WHICH ARE AFFECTED:

Robinson R22 Helicopter serial numbers 525 through 602, 604, 608, and 610.

HELICOPTERS OVERHAULED AT ROBINSON WHICH ARE AFFECTED:
(ENGINES OVERHAULED BY AVCO LYCOMING)

<u>S/N</u>	<u>S/N</u>	<u>S/N</u>	<u>S/N</u>	<u>S/N</u>
002	056	214	289	423
014	110	229	325	439
023	140	237	330	
033	164	268	343	
037	184	274	376	
054	190	285	398	