

SERVICE LETTER #29

DATE: 14 September 1987

TO: All Robinson R22 Owners, Operators and Pilots

SUBJECT: Proper Use of Starter Switch to Avoid Breaking Starter

BACKGROUND: The Bendix & Gerdes starter switches used on R22 helicopters can allow the starter to be engaged without retarding the magneto if the switch is not turned quickly and firmly against the stop. There have been a number of broken starters and broken ring gear teeth caused by the engine "kicking back" when the starter switch was turned on or off too slowly, or, not held firmly against its stop while cranking the engine.

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CAUTION FOR PILOTS

When starting the R22, turn the ignition switch quickly and fully to the START position and hold it firmly against the stop until the engine starts. After the engine starts, release the switch quickly and completely.

If the engine still "kicks back" when using the above starting technique, have your R22 Service Center check the P lead connection on the retard magneto, the engine timing and the ignition switch.