AD/ELECT/39 Bendix Starting Vibrator - Inspection and Modification 11/81

Applicability: All starting vibrators with P/Nos. 10-176485-121, 10-176485-122, 10-176485-241, 10-176485-242, 10-382780-12 and 10-38270-24 having a manufacturing date of 901 thru 101, or 8010 thru 8101 permanently stamped on the vibrator. These vibrators are installed in but not limited to the following aircraft powered by reciprocating engines:

Bell (Textron)	Model 47 series helicopters
Brantley (Hynes)	Model B2 series helicopters
Enstrom	Model F28, F28A, F28F, 280, 280F helicopters.
	Model F28C and 280C helicopters equipped with Lycoming H10-360-E1BD engines.
Hughes (Summa Corp)	Model 269 series helicopters
Hiller (Fairchild Industries)	Model UH12 series helicopters
Robinson	Model R-22 series helicopters.

Document: Bendix SB No. 614. FAA AD 81-17-01 refers.

Compliance: Within 100 hours time in service after 30 November 1981.

Background: The manufacturer has determined that the combination connector lock tab-plate tolerance of some vibrators may have caused the detachment of the connector from the plate. This detachment can cause grounding and loss of the magneto which could result in air safety being jeopardized.