

Tedeco Zapper[®] Product News

212



412



Zapper STC kit Certified by FAA for Bell 212/412

The FAA has issued STC SH468NE to cover the manufacture and installation of a Tedeco Zapper pulsed electric chip detector kit for the Bell 212/412 helicopters. This certification allows all Bell 212/412 operators to install the kit on their rotorcraft as an approved accessory. The Zapper chip detector, using stored electrical energy, will eliminate nuisance chip light indications which pilots frequently experience with

standard electric chip detectors. The Zapper chip detector has proven to be a useful tool in eliminating **unscheduled landings, unnecessary inspections and premature component removals** associated with chip detector nuisance indications. It is one of the most important condition monitors available today for pressure lubricated systems which have ferromagnetic components.

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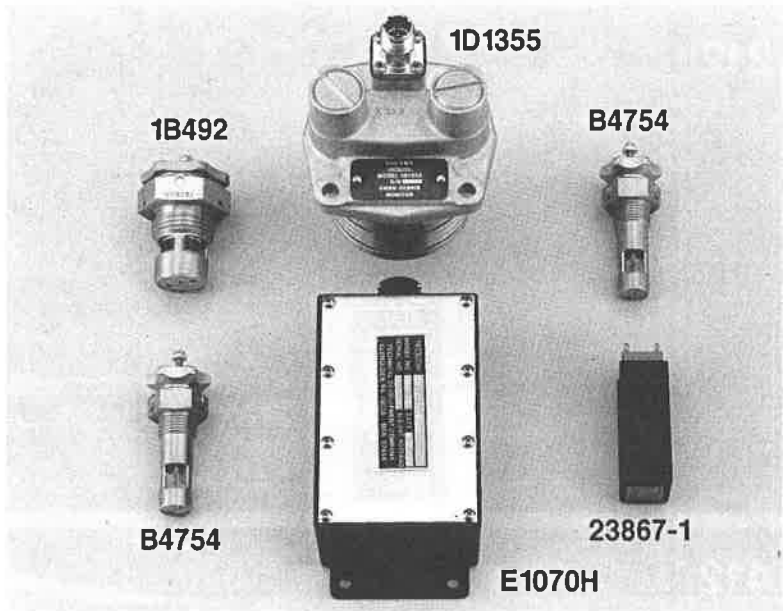
When captured particles cause a chip light, the pilot activates the cockpit-mounted pulse switch. A brief, current pulse will clear the chip detector of fine fuzz or small normal wear particles, allowing the chip light to extinguish. If the

chip light remains lit or comes on again within a few minutes (possibly indicating a failure), the pilot should follow normal precautionary procedures.

*The STC kit consists of the following components:
(Pre-cut cables and all required installation hardware are provided.)*

LOCATION	DESCRIPTION	TEDECO P/N	QTY.
Main Transmission Sump	Chip Detector	1B492	1
Main Transmission	Debris Monitor	1D1355	1
Tail Rotor Gearbox	Chip Detector	B4754	1
Intermediate Gearbox	Chip Detector	B4754	1
Nose Electronics Bay	Power Module	E1070H	1
Cockpit	Switch/Indicator	23867-1	1

This Zapper system can also operate in conjunction with existing TEDECO chip detectors that are in the planetary and upper mast locations.



ORDERING INFORMATION

	TEDECO P/N	AIRCRAFT SERIAL #
MODEL 212	1K1426/G1 1K1426/G2	30940 and subsequent 30504-30939
MODEL 412	1K1426/G1 1K1426/G-3	33001-33100 33108 and subsequent

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