

Tedeco Zapper[®] Product News



Zapper STC kit Certified by FAA for Bell 206

The FAA has issued, to TEDECO, an STC to cover the manufacture and installation of a Zapper Pulsed Electric Chip Detector kit for the Bell 206 helicopter. This certification allows all Bell 206 operators to install the kit on their rotorcraft as an approved accessory. The Zapper, using stored electrical energy, will eliminate nuisance chip light indications which pilots frequently experience with standard electric

chip detectors. The Zapper 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

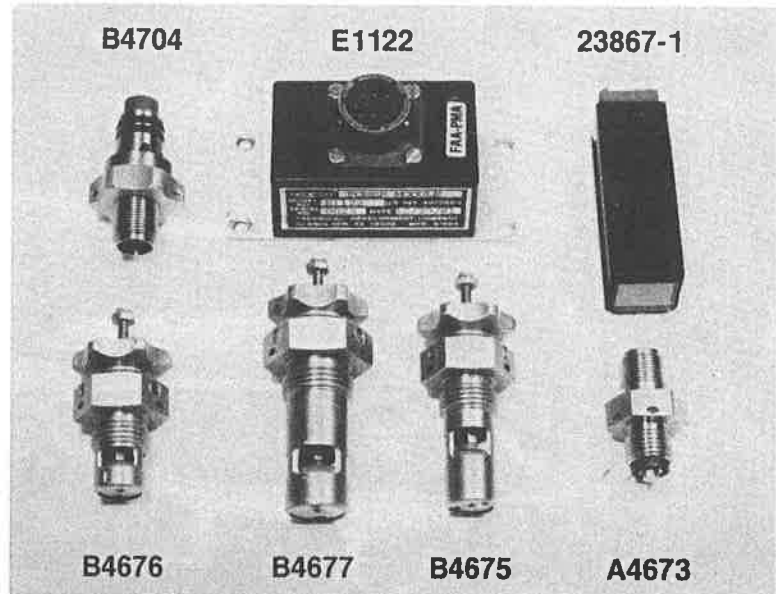
chip light remains lit or comes on again within a few minutes (possibly indicating a failure), the pilot should follow normal precautionary procedures.

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

LOCATION	DESCRIPTION	TEDECO P/N	QTY.
Engine	Chip Detector	B4704*	2
Main Transmission	Chip Detector	B4677**	1**
Tail Rotor Gearbox	Chip Detector	B4676	1
Cockpit	Pulsed Module	E1122	1
Cockpit	Indicator Switch Assembly	23867-1/ 23927-1	1
Cockpit	Cable Assembly	23943	1

*Quick-disconnect version; for threaded version, P/N A4673 will be furnished.

**Early models (serial number 1-583) use one chip detector, later models (serial numbers 584 and subsequent numbers) use two chip detectors, P/N's B4674 and B4675.



ORDERING INFORMATION

	TEDECO P/N	AIRCRAFT SERIAL #	ENGINE C.D. REQUIRED
MODEL 206A & B	SY1019/G9	1-583	Threaded
	SY1019/G11	1-583	Quick-disconnect
	SY1019/G10 SY1019/G12	584 and subsequent 584 and subsequent	Threaded Quick-disconnect

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