

Survival ELT 500-32-2Y-H

The 500-32 series is the smallest certified Survival ELT on the market today, suitable for installation on all aircraft, flight jackets and life rafts. In an emergency, activation is simple by either pressing the activate button or via pulling the lanyard. The beacon operates with the Cospas-Sarsat 406 MHz satellite system and features embedded GPS for enhanced location accuracy. The 121.5 MHz enables further location accuracy and 2-way speech with the rescue team.

The only user maintenance being a battery replacement every 7 years and a regular Built-In-Test.

FEATURES

- Robust, compact & light weight
- Two-way Speech with rescue team
- 406 MHz Cospas-Sarsat signal
- 121.5 MHz Homing signal
- EASA approved STCs for installation on all major commercial jets (see reverse)
- Battery Pack certified to the latest Lithium standards; UKTSO C142b
- User replaceable battery pack



SPECIFICATIONS

Weight	1.17lbs (530g)	Mounting	Crash Proof mounting bracket (compatible with 500-12Y bracket mounting holes)
Dimensions	6.33 x 2.80 x 2.00" 160.7 x 71.0 x 50 mm	Waterproof	33 ft (10 m)
Colour	High Vis Yellow	Antenna	Telescopic dual frequency
TX Frequencies	406 MHz (Cospas-Sarsat) 121.5 MHz (Homing) Offset training frequencies available	LEDs	Beacon Active BIT Pass/Fail GPS acquired
Power	VHF 50mW (+17dBm) minimum UHF 5W (+37 ±2dBm) minimum	Battery Pack	7 year life (or after activation) Cell chemistry Li/FeS ₂
Speech	Push-To-Talk button Two-way on 121.5 MHz	Compliance	Cospas-Sarsat T.001/T.007 RTCA DO-227A & DO-160G EUROCAE ED62B
GPS Rx	22 Channels	Certifications	UKTSO 126b (126c pending) UKTSO 142b
Operation	24 hrs 406 & 121.5 MHz Additional 24 hrs 121.5 MHz -20 to +55°C (operational at -40°C) -4 to +131°F (operational at -40°F)	Patent	GB2584604
Activation	ON/OFF Button Lanyard	Alternative PN	500-32-2Y-HF: ELT(S) with retrieval Float 500-32-2Y-HA: ELT(S) without RFID label

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Supplemental Type Certificate (STC)

APPROVED MODEL LIST

AIRCRAFT OEM	AIRCRAFT MODEL	EASA TCDS
AIRBUS	A220 Series	EASA.IM.A.570
	A300/A310 Series	EASA.A.172
	A318/A319/A320/A321 Series	EASA.A.064
	A330 Series	EASA.A.004
	A340 Series	EASA.A.015
	A350 Series	EASA.A.151
	A380 Series	EASA.A.110
BOEING	717 Series	EASA.IM.A.211
	737 Series	EASA.IM.A.120
	747 Series	EASA.IM.A.196
	757 Series	EASA.IM.A.205
	767 Series	EASA.IM.A.035
	777 Series	EASA.IM.A.003
	787 Series	EASA.IM.A.115
	MD-10/11 Series DC-9/MB-80 Series	EASA.IM.A.210 US A6WE
BOMBARDIER	DHC-8 Series	EASA.IM.A.191
	CRJ 700/705/900/1000 Series	EASA.IM.A.673
EMBRAER	ERJ 170 Series	EASA.IM.A.001
	ERJ 190 Series	EASA.IM.A.071
ATR	ATR 42/72 Series	EASA.A.084
BRITISH AEROSPACE (BAE)	ATP	EASA.A.192
SUKHOI	RRJ-95	EASA.IM.A176
FOKKER	F28 70/F100	EASA.A.037

Supplementary Type Certificate 10077174 issued by EASA in August 2021 to HR Smith's partner APTOZ EHF.

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