SURVIVAL ELT

500-32-2Y

Techtest

PART OF THE HR SMITH GROUP

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TWO-WAY SPEECH*

- Communication with rescue team

GPS TEST BUTTON°

500-32-2Y-H

500-32-2Y-G

LANYARD ACTIVATION*

- Emergency activation

BATTERY

- Battery Pack certified to the latest Lithium standards; UKTSO C142b
- User tool-less replaceable battery pack

EASA and FAA approved STCs for installation on all major commercial jets (see back page)

SURVIVAL ELT
500-32-2Y

The 500-32 series is the smallest certified Survival Emergency Locator Transmitter (ELT) available in the market today. It is suitable for installation on all types of aircraft, flight jackets, and life rafts. Activating the ELT is easy during an emergency by pressing the activation button or pulling the lanyard. This beacon operates with the advanced Cospas-Sarsat 406 MHz satellite system and is equipped with an embedded GPS for enhanced location accuracy. Additionally, it has 121.5 MHz for further location accuracy and an optional 2-way speech feature that allows communication with the rescue team. User maintenance for the ELT is minimal, consisting only of battery replacement every 7 years and a regular Built-In-Test.

Robust, compact & Light weight

Weight	1.17lbs (530g)
Dimensions	6.33 × 2.80 × 2.00" (160.7 × 71 × 50mm)
Colour	High Vis' Yellow
TX Frequencies	406 MHz (Cospas-Sarsat) 121.5 MHz (Homing) Offset training frequencies available
Power	VHF >50mW (+17dBm) minimum
Speech*	Push-To-Talk button Two-way on 121.5 MHz
GPS Rx	22 Channels
Operation	24 hrs 406 & 121.5 MHz Additional 24 hrs 121.5MHz -20 to +55°C (operational at -40°C) -4 to +131°F (operational at -40°F)
Activation	ON/OFF Button Lanyard (500-32-2Y-H) GPS Test Button (500-32-2Y-G)

Mounting	Crash Proof mounting bracket (compatible with 500-12Y bracket mounting holes)
Waterproof	33ft (10m)
Antenna	Telescopic dual frequency
LEDs	Beacon Active BIT Pass/Fail GPS acquired
Battery Pack	7 year life (or after activation) Cell chemistry Li/FeS2
Compliance	Cospas-Sarsat T.001/T.007 RTCA DO-227A & DO-160G EUROCAE ED62B
Certifications	UKTSO / ETSO 126c UKTSO / ETSO 142b
Patent	GB2584604
Alternative PN	500-32-2Y-HF: ELT(S) with retrieval Float 500-32-2Y-HA: ELT(S) without RFID label 500-32-2Y-GF: ELT(S) with retrieval Float 500-32-2Y-GA: ELT(S) without RFID label

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	EASA.IM.A.210
	DC-9/MB-80 Series	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 (STC) 10077174 (EASA) and ST00030IB (FAA).
For more information please contact sales@hr-smith.com or aptoz@aptoz.is.or

HR Smith
G R O U P   O F   C O M P A N I E S

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