

# SURVIVAL ELT

## 500-32-2Y

 **Techtest**  
PART OF THE HR SMITH GROUP

 **Topcast**





**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)*



\*Feature ONLY on the 500-32-2Y-H °Feature ONLY on the 500-32-2Y-G

# 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*

<b>Weight</b>	1.17lbs (530g)	<b>Mounting</b>	Crash Proof mounting bracket (compatible with 500-12Y bracket mounting holes)
<b>Dimensions</b>	6.33 x 2.80 x 2.00" (160.7 x 71 x 50mm)	<b>Waterproof</b>	33ft (10m)
<b>Colour</b>	High Vis' Yellow	<b>Antenna</b>	Telescopic dual frequency
<b>TX Frequencies</b>	406 MHz (Cospas-Sarsat) 121.5 MHz (Homing) Offset training frequencies available	<b>LEDs</b>	Beacon Active BIT Pass/Fail GPS acquired
<b>Power</b>	VHF >50mW (+17dBm) minimum	<b>Battery Pack</b>	7 year life (or after activation) Cell chemistry Li/FeS2
<b>Speech*</b>	Push-To-Talk button Two-way on 121.5 MHz	<b>Compliance</b>	Cospas-Sarsat T.001/T.007 RTCA DO-227A & DO-160G EUROCAE ED62B
<b>GPS Rx</b>	22 Channels	<b>Certifications</b>	UKTSO / ETSO 126c UKTSO / ETSO 142b
<b>Operation</b>	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)	<b>Patent</b>	GB2584604
<b>Activation</b>	ON/OFF Button Lanyard (500-32-2Y-H) GPS Test Button (500-32-2Y-G)	<b>Alternative PN</b>	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 A300/A310 Series A318/A319/A320/A321 Series A330 Series A340 Series A350 Series A380 Series	EASA.IM.A.570 EASA.A.172 EASA.A.064 EASA.A.004 EASA.A.015 EASA.A.151 EASA.A.110
BOEING	717 Series 737 Series 747 Series 757 Series 767 Series 777 Series 787 Series MD-10/11 Series DC-9/MB-80 Series	EASA.IM.A.211 EASA.IM.A.120 EASA.IM.A.196 EASA.IM.A.205 EASA.IM.A.035 EASA.IM.A.003 EASA.IM.A.115 EASA.IM.A.210 US A6WE
BOMBARDIER	DHC-8 Series CRJ 700/705/900/1000 Series	EASA.IM.A.191 EASA.IM.A.673
EMBRAER	ERJ 170 Series ERJ 190 Series	EASA.IM.A.001 EASA.IM.A.071
ATR	ATR 42/72 Series	EASA.A.084
BRITISH AEROSPACE (BAE)	ATP	EASA.A.192
SUKHOI	RRJ-95	EASA.IM.A.176
FOKKER	F28 70/F100	EASA.A.037

Supplementary Type Certificate (STC) 10077174 (EASA) and ST000301B (FAA).  
For more information please contact [sales@hr-smith.com](mailto:sales@hr-smith.com) or [aptoz@aptozis.or](mailto:aptoz@aptozis.or)



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