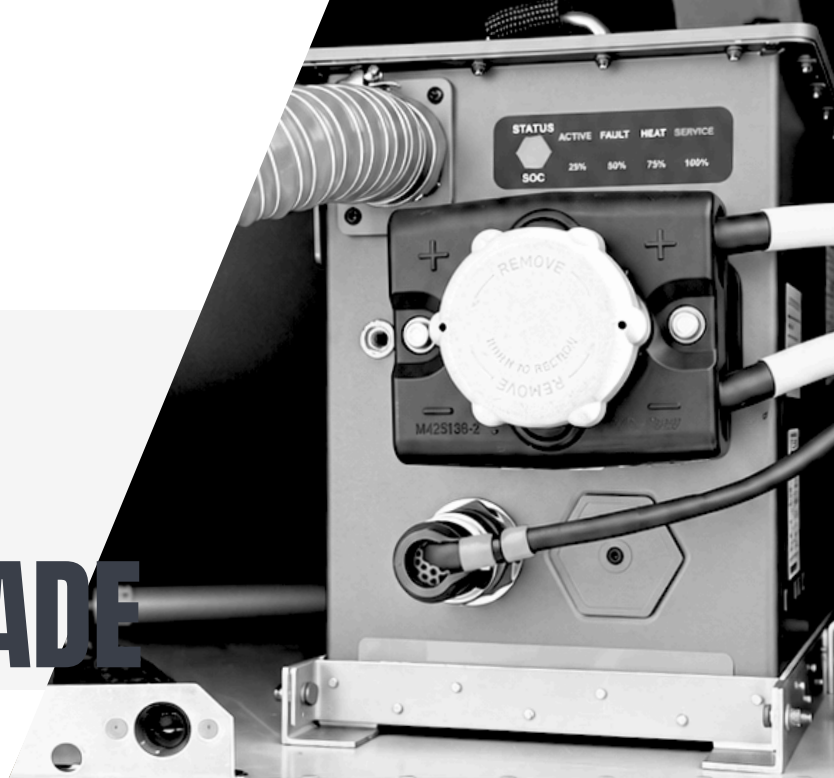


EC135 LITHIUM BATTERY UPGRADE



OVERVIEW



EASA-approved lithium-ion battery upgrade, replacing conventional NiCd batteries with a lighter, higher-capacity solution. Available for all EC135 models, including Helionix-equipped aircraft.

EASA STC 10090942 | STC Holder: Heli Austria GmbH

KEY BENEFITS



Weight reduction up to 19.8 kg

→ increased payload capability



Capacity increase up to 15 Ah

→ improved electrical endurance



No scheduled overhaul

→ reduced downtime



On-condition maintenance

→ increased aircraft availability



Direct replacement of battery

→ simplified retrofit integration

PERFORMANCE COMPARISON

Configuration	Capacity	Weight
NiCd (typical)	25–40 Ah	24–36.5 kg
TB30	30 Ah	12.6 kg
TB40	40 Ah	16.7 kg

Up to 19.8 kg weight reduction and 15 Ah additional capacity, depending on configuration

MAINTENANCE COMPARISON

Parameter	NiCd	Lithium
Inspection Interval	3–6 months	36 months
Battery Warning test	–	12 months
Scheduled Overhaul	Annual	None
Maintenance Concept	Scheduled	On-condition

SCOPE OF SUPPLY

- TB30 or TB40 battery system
- Installation kit & mounting provisions
- Documentation: FMS, W&B, ICA, installation data