

RAISING THE STANDARD OF EXCELLENCE



SAFECRAFT

A portfolio of safety-related solutions

StandardAero SAFECRAFT

A PORTFOLIO OF SAFETY SOLUTIONS focused on **incident prevention**
& **post-event occupant protection.**

Cutting-Edge • Cost-Effective • Comprehensive

FOR H125/AS350 and other HELICOPTERS

- Cutting-edge technologies for individual aircraft configurations, mission requirements and budgets.
- Low-cost solutions offered either as fully-installed solutions or retrofit kits.
- STC innovation and development to enhance various operator requirements, occupant safety, and address changes in regulatory requirements.



TECHNOLOGY PARTNERS



SAFECRAFT Portfolio Goals

Introducing advanced technologies to prevent accidents and provide occupant protection in unplanned situations.

PREVENTION

INCIDENT PREVENTION

ADS-B
FastFIN
4-Axis Autopilot
Electronic Flight Instrument

POST-EVENT

POST-EVENT SOLUTIONS

Crash-Resistant Fuel Tank
Energy Attenuating Seating

VALUE

SAFECRAFT PORTFOLIO

ADS-B PART 27 IN/OUT GLOBAL SOLUTION

ADS-B (Automatic Dependent Surveillance-Broadcast) / Enhanced real-time situational awareness

StandardAero offers an approved Automatic Dependent Surveillance-Broadcast (ADS-B) In/Out solution for the full range of Airbus light helicopters, including the H120/EC 120, H125/AS350, H130/EC 130, and H135/EC 135 series, which **exceed the January 1, 2020 mandate set by the FAA**. Both **L3Harris Lynx NGT-9000** and **Garmin GTX-345** ensure compliance with the regulations for ADS-B equipage. These all-in-one transponders enhance situational awareness and make navigation easy and straightforward by providing the information and warnings displayed at the right moment.

Features

- ADS-B In/Out and internal GPS – includes 1090 MHz extended squitter and UAT ADS-B In
- Wi-Fi enabled for use with Portable Electronic Devices (PEDs)
- Minimal aircraft downtime requirements for installation (typically requires one day)
- Panel-mounted Mode S extended squitter (ES) transponder for position reporting
- MFD interface to show traffic and weather on cockpit displays
- Enhances aircraft resale value

FAA EASA, ANAC & DGAC/SCT Mexico approved
*STC available NOW

SAFECRAFT PORTFOLIO

BLR FASTFIN

Tail Rotor Enhancement and Stability System / Improved flight control, confidence and performance

The FastFin® Tail Rotor Enhancement and Stability System uses advanced airflow management to increase the anti-torque system's effectiveness for significant hover load and stability increases. This fully compliant system does not modify the vertical fin, but it comprises an Advanced Tailboom Aerodynamic Cowling (ATAC), a Tailboom Strake, and Vortex Generators. Additional benefits include reducing pilot workload, easier control in precision hover-hold operations, and better managing the yaw axis when hovering in challenging crosswinds.

Features

- Reduction in pilot workload
- Up to 10% increase in available right pedal
- Greater control in precision hover-hold, especially at higher altitudes
- Up to 120 lb useful load increase in OGE hover
- Reduces potential of over-torque

FAA EASA & DGAC/SCT Mexico approved
*STC available NOW

INCIDENT PREVENTION

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CRFT

Crash-Resistant Fuel Tank / Life-saving technology for post-crash threats

In partnership with Robertson Fuel Systems, this CRFT is an OEM-approved primary fuel tank for AS350 & EC130 aircraft. Designed and tested rigorously to reduce the threat of post-crash fires. This fuel tank provides occupants with enhanced safety by applying military-proven, robust fuel retention technology. Legacy fleets will benefit from the modern, lifesaving technology, which is becoming the standard for civilian helicopter operations worldwide.

- Constructed of highly durable composite material rigorously tested to counteract a variety of external threats
- Approved and compatible with virtually all popular AS350 series variants, including the EC130 B4, requiring **no intrusive airframe modifications** and providing **fleet commonality for mixed fleets**.
- **Simple field installation** with **minimal aircraft downtime** of only three days, typically.
- **No specialized field service or service bulletins are required** to satisfy most aircraft configurations.

Features

- Fully compliant with FAA FAR Part 27.952 crash-resistant fuel system requirements (both with and without cargo swing/hook installations)
- Single solution designed to be compatible with multiple aircraft models – no hidden and additional costs
- Self-sealing breakaway valve on the main fuel line
- Vent system roll-over leakage protection
- Vent system flame arrestor
- Compatible with Onboard Systems' industry-proven cargo swing solutions, as well as the Airbus Helicopters cargo swing

FAA, EASA, TCCA & ANAC approved
*STC available NOW

POST-EVENT SOLUTIONS

SAFETY SEATING

Energy Attenuating Passenger Seating / Optimum occupant protection in the worst-case scenario

The AUTOFLUG FLYWEIGHT® helicopter seats for passengers are easy-to-install retrofit solutions that meet specific market demands, cabin configurations, and mission requirements. From utility work to surveillance or HEMS operations, AUTOFLUG FLYWEIGHT® seats offer three main attributes: safety, lightweight, and comfort, providing maximum protection to passengers.

Features

- Stroking seats absorb vertical kinetic energy during an impact to reduce the risk of bodily injury to passengers significantly
- Include variable seating configuration options
- Utilizing the latest evolution in lightweight EA seating by AUTOFLUG
- Suitable for AS350 D, B/BA, B1, B2/B3/H125; models not currently equipped with EA seating

***STC availability to be announced**

STABLELIGHT

The True AutoPilot for light helicopter professionals

This unique **4-Axis AutoPilot** is, by far, the most capable and cost-effective retrofit for the AS350/ H125 series. StableLight results from Thales' 60 plus years in AutoPilot and flight control systems development and StandardAero's worldwide authority in the development and certification of complex Supplemental Type Certificate solutions for legacy platforms.

With unparalleled 4-Axis technology to provide TRUE AUTOPILOT control of the Pitch, Roll, Yaw, and Collective, StableLight provides Transport Category levels of stability and performance without the Transport Category price tag. The innovative system architecture of this revolutionary autopilot not only meets the strictest certification requirements but also exceeds the expectations of demanding operators while launching the AS350/ H125 into a new era of performance and safety.

This unique 4-axis autopilot has a helicopter pedigree – not derived from a private fixed-wing solution as with other autopilots in the market.

Main features & benefits:

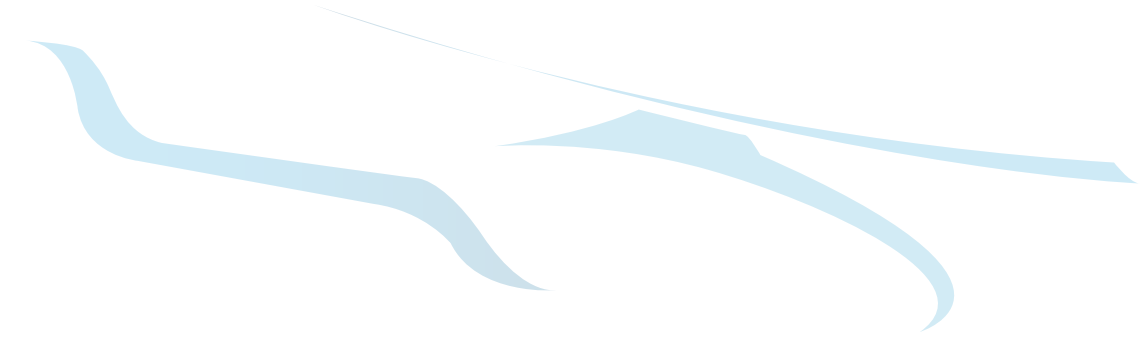
• Performance

Under all conditions, the AutoPilot's stability function is effective at all times, from take-off to landing. On any mission, surveillance, air medical, utility, tourism, or taxi operations, StableLight helps **get the job done safer, easier, and quicker than any other solution on the market.** In hazardous environments and with different levels of mission complexity, the TRUE AutoPilot adds precision stability and a workload reduction that translates into increased mission efficiency and productivity beyond today's standards.

• Next-level Safety

StableLight offers unique safety features like StableClimb Flight Attitude Recovery, and Terrain Pull-Up functions to help combat Spatial Disorientation and Loss of Control (LOC) threats. The 4-Axis AutoPilot works with the pilot's hands-on and hands-off the controls, allowing the pilot to easily maintain a higher level of situational awareness for navigation and mission objectives. Additionally, reduced pilot workload results in lower levels of pilot fatigue.

SAFECRAFT PORTFOLIO



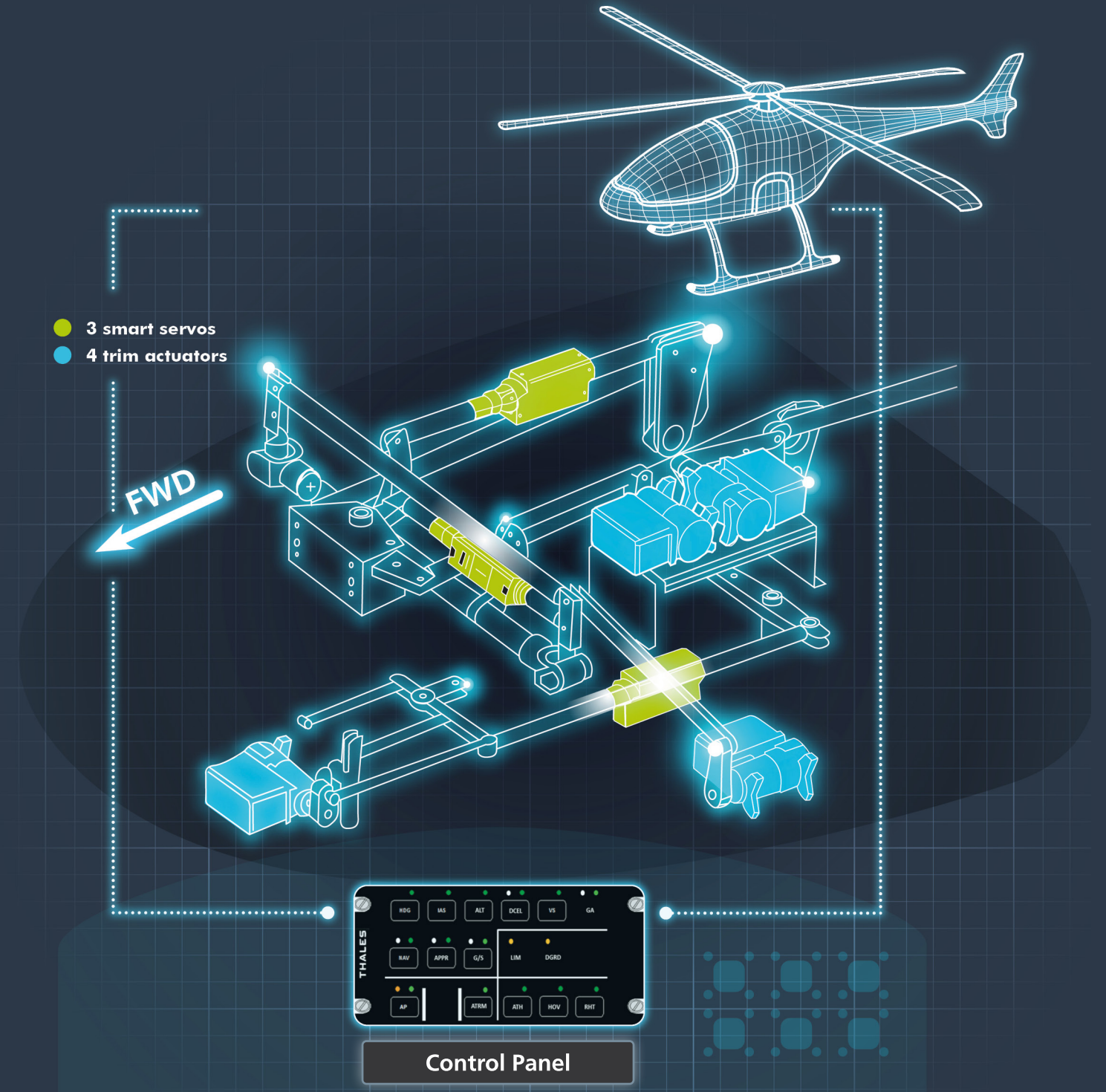
- **TRUE AUTOPILOT Experience**

Designed to be intuitive and offer incomparable precision, StableLight gives the pilot the freedom to focus on the mission while providing a superior experience for both the crew and passengers. This unique solution puts multiple new capabilities at the pilot's fingertips, providing the best-augmented flight control assistance available on the light helicopter market.

To learn more about what a 4-Axis AutoPilot retrofit can do for your AS350/H125 helicopter operation, go to <https://standardaero.com/avionics/autopilot/>.

FAA STC approved, with EASA and Transport Canada validation expected

INCIDENT PREVENTION



ASTRONAUTICS ROADRUNNER EFI

Electronic Flight Instrument / A multi-function light display for enhanced situational awareness

The RoadRunner EFI is a cost-effective and easy-to-install replacement for the existing attitude director and horizontal situational indicator functionality. This modern electronic flight instrument system enables enhanced safety features, including localizer performance with vertical guidance (LPV) approaches.

Features

- Easily upgradeable with new software functionality tailorable to customer needs and mission requirements
- Level A certified display solution, IFR operations capable
- Capable of displaying weather, synthetic vision, terrain awareness, and traffic information
- Multiple functions can be displayed for a “complete picture”
- High-resolution, high-contrast screen for visual clarity in all lighting conditions
- Night vision imaging systems (NVIS) compatible
- Large 4.1 x 6.8-inch displays allow for readability while retaining panel space for other instruments
- Increased reliability compared to mechanical instruments
- Reduced weight (less than 8 lb / 3.5 kg)

***STC availability to be announced**

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