

TRUE AUTOPILOT PERFORMANCE | SAFETY | EXPERIENCE



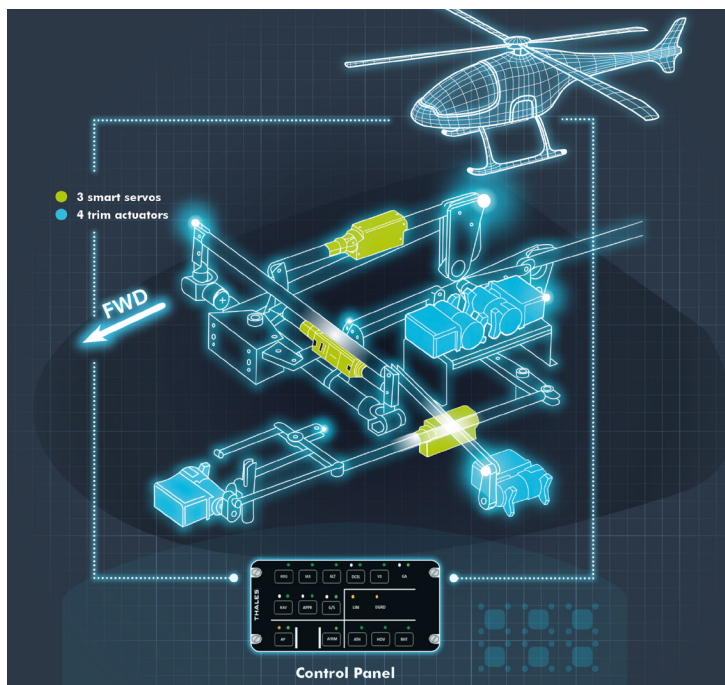
# STABLELIGHT AUTOPILOT

The TRUE autopilot for light helicopter professionals



Until now, TRUE 4-axis AutoPilots were too complex and expensive for light helicopters. Thales' recent advancement in smart actuator design allows us to bring this major improvement in flight control performance to AS350 and H125 helicopter operators.

 **StandardAero** IN PARTNERSHIP WITH **THALES**  
Building a future we can all trust



Compatible with: Airbus H125 and AS350 equipped with VEMD (FAA certified STC with TCCA and EASA validation soon after)

## BENEFITS

- Flight control authority over all 4-axis.
- Transport-category performance in a smart, compact digital autopilot specially designed for retrofit.
- Transparent hands-on function, including fully transparent SAS, attitude retention, and auto trim.
- Full feature upper modes: FMS/GPS navigation, ILS/LPV approaches, approach to hover, and auto-hover.
- Unmatched hover hold performance.
- Next-level safety, including stabilized climb flight attitude recovery and terrain (HTAWS) pull-up.
- Incomparable reduction of pilot work load and fatigue.
- Greatly improves mission efficiency and productivity.

## PERFORMANCE

From take-off to landing, StableLight's stability augmentation and attitude retention functions are effective at all times, working transparently for the pilot and without feedback to the control sticks. In hazardous environments and different levels of mission complexity, its exclusive advanced upper modes offer incomparable aircraft precision and pilot workload reduction, helping get the job done more efficiently, quickly, and safely.

## EXPERIENCE

Designed to be easy to use while placing multiple new capabilities at the pilot's fingertips, StableLight provides an unparalleled Hands-On and Hands-Off piloting experience and the best-augmented flight control capabilities available on the light helicopter market. This cutting-edge solution gives the pilot the freedom to focus on the mission while providing a superior experience for both the crew and passengers.

## SAFETY

Designed with a strong focus on safety, StableLight offers unique features like stabilized climb flight, attitude recovery, terrain pull-up, and go-around. These safety functions help mitigate in-flight risks such as spatial disorientation, Controlled Flight Into Terrain (CFIT), and Inadvertent Instrument Meteorological Conditions (IIMC). The transparent stabilization functions reduce pilot fatigue.

## PRICING INFO

### Baseline kit includes:

- Smart actuators
- Trim actuators
- Control panel
- Switches
- Switch indicators

### Aircraft configuration-specific parts to be determined by aircraft survey:

- RH/LH pilot controls
- Dual controls
- Control panel mounting provisions LRU mounting provisions, and others

**2023 Intro Price**  
**\$150,000 to \$165,000**  
**(USD)**

*\*Installation to be performed by StandardAero or through a StandardAero-authorized installer – to be quoted upon request.*

*\*\*Optional add-ons to be quoted upon request.*