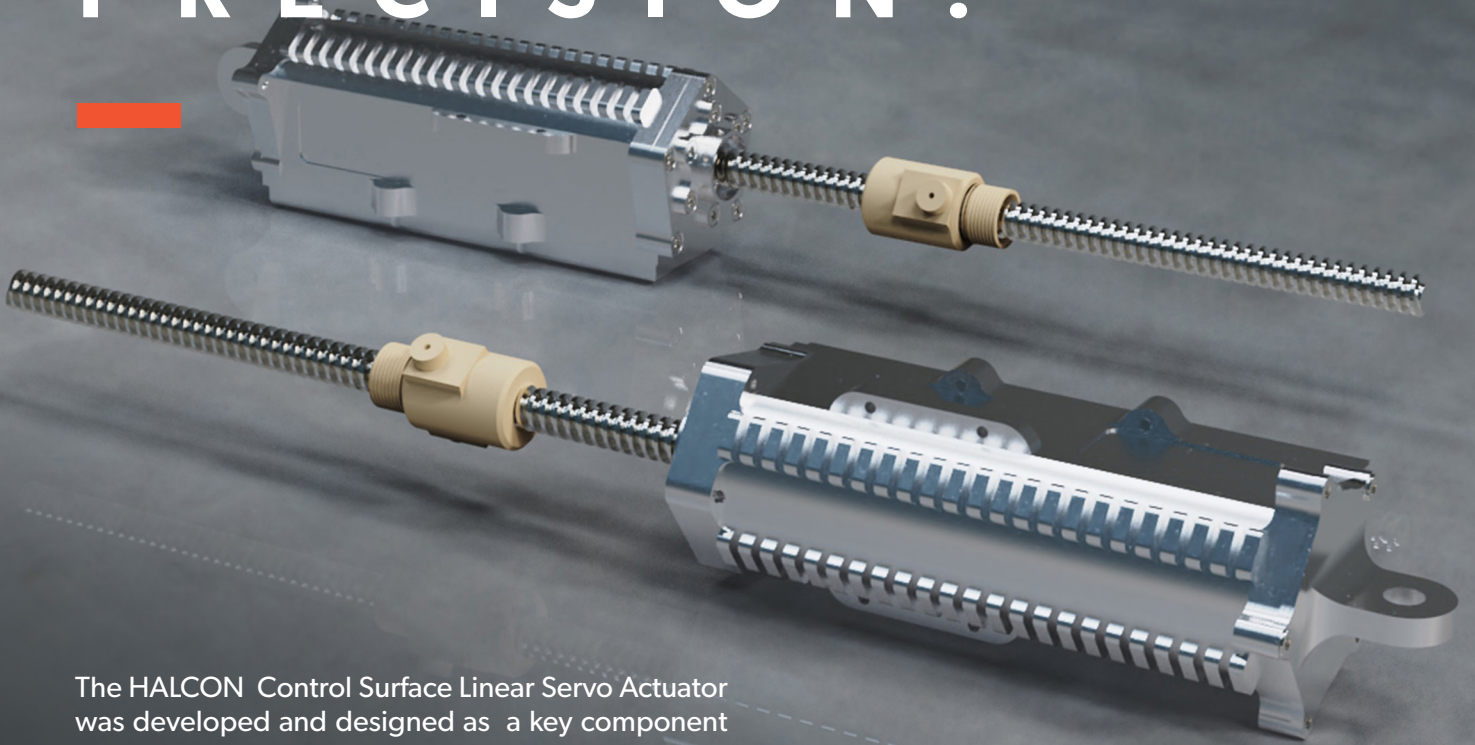


# HALCON

## CONTROL SURFACE LINEAR SERVO ACTUATOR

DELIVERING  
RELIABILITY.  
DELIVERING  
PRECISION.



The HALCON Control Surface Linear Servo Actuator was developed and designed as a key component of the flight control system of modern UAVs.

Due to its robust and advanced control system and redundant communication architecture, the system provides fail-safe and jitter less performance.

[halcon.ae](http://halcon.ae)

# SPECIFICATIONS

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Power: 60 W

No-load velocity: 80 mm/sec

Load velocity: 70 mm/sec

Max. continuous force: 510 N

Max. force: 3200 N

Operating temperature: -40°C to 70°C

## APPLICATIONS

Unmanned aerial systems

Control surfaces

Utility actuation

Throttle control

## MASS

Weight: 850g

## FEATURES

High power to weight performance

Dual redundant communication

Brushless permanent magnet DC motor

Robust & high fidelity controller design

Gradual stall for overload protection

Advanced error detection & fail-safe measures

Precision CNC machined aerospace grade aluminum casing

## INPUT VOLTAGE/POWER

Operating range: 18-28 V DC

Typical voltage: 24 V DC

Standby current: 190 mA

