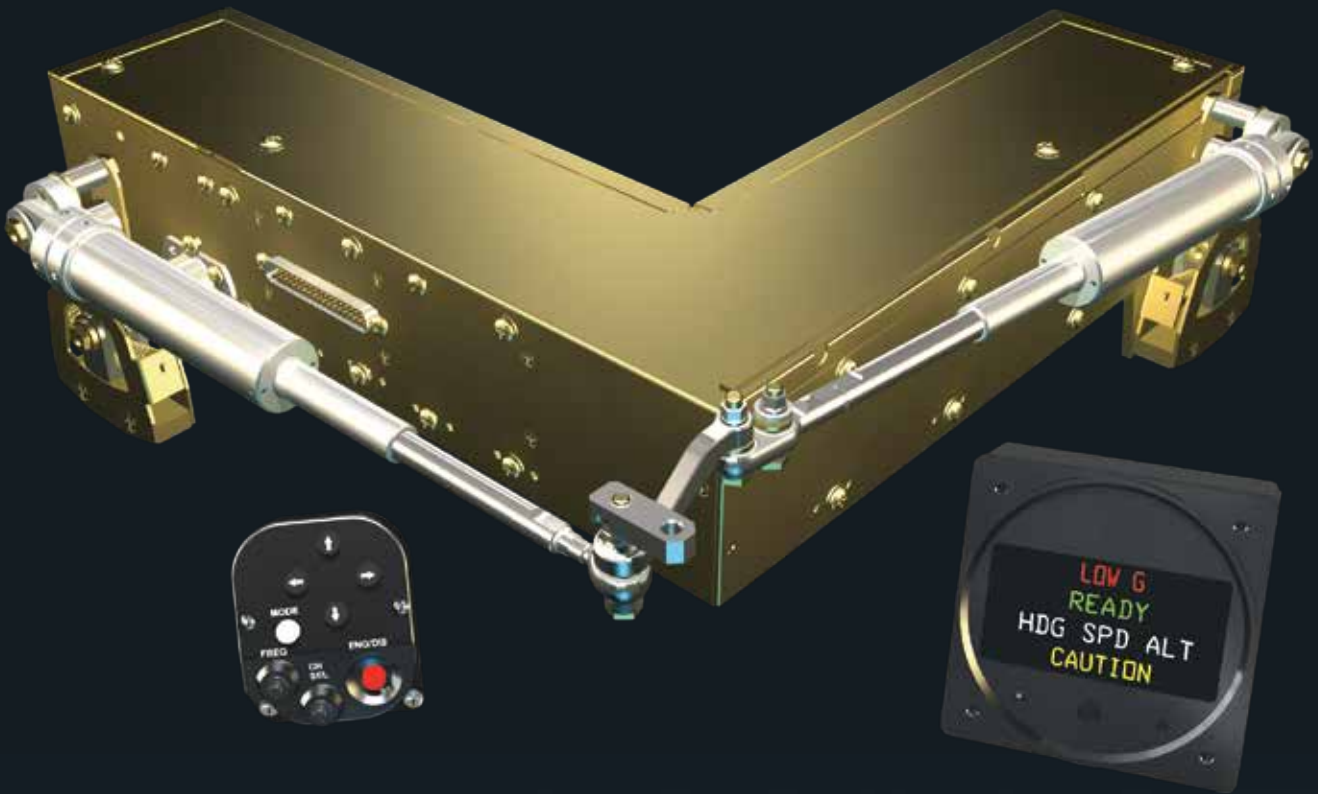# HeliTrak®

AUTOPILOT

Lightweight, Affordable, Easy-to-Use Autopilot System

LOADED WITH SAFETY FEATURES

HELITRAK AUTOPILOT

FEATURES

- Two-axis system
- Continuous Low-G alert
- Unusual Attitude Recovery
- Combine with Collective Pull Down™ (CPD™) to generate Automatic Autorotation™
- Two Modes of Operation:
  - Heading & Altitude
  - Heading & Airspeed

- All controls thumb-operated on cyclic grip:
  - Engage/Disengage
  - Standard Rate Left/Right Turns
  - Jog Heading
  - Standard Rate Climb/Descend
  - Jog Altitude
  - Accelerate/Decelerate
  - Jog Airspeed
  - Mode Change

- Pilot Override
- Certified to the Highest FAA Safety Standards Using Level A Software and Triple Redundant, Fail-functional Hardware Architecture
- Completely Self-Contained; No Other Components Required
- Display Mounts in Standard 3-1/8 inch Circular Cutout
- Simple Installation
- Upgradeable by Simply Replacing Display Unit

BENEFITS

- Low-G alerts help prevent mast bumping
- Unusual Attitude Recovery protects against disorientation
- Autopilot with button steering helps prevent loss of control during inadvertent IMC
- Coupling with HeliTrak CPD™ allows pilot to focus on selecting landing spot during loss of power
- Override provides for sudden pilot control for obstacle avoidance
- Helps reduce fatigue, especially in turbulence
- Allows pilot to use right hand to open maps, adjust instruments, etc.
- Low cost because of:
  - Simple installation
  - No other components to purchase—no GPS, gyros, ADAHRS, or glass panel required

Specifications

Total System Weight	
Less than 10 lb	
Main Processor Dimensions	
14" L x 13" W x 3" H	
Qualification Testing	
RTCA/DO-160G Environmental Specifications	
Certification	
Supplemental Type Certificate (pending)	
Power	
14V and 28V Systems Available	
U.S. Patents	
Protected by U.S. Patents; other patents pending (see www.helitrak.com/patents)	

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HeliTrak®