

Kappa optronics GmbH
Kleines Feld 6
D-37130 Gleichen
Phone +49 5508|974.0
Fax +49 5508|974.188
info@kappa-optronics.com
www.kappa-optronics.com

Marketing-Communications
Katrin Vogel
Marketing Communications
+49 5508|974.230
+49 5508|974.188
k.vogel@kappa-optronics.com
www.kappa-optronics.com

Kappa Events
Aerospace Tech Week
Booth 605
March 18-19, 2020
Toulouse, France



Kappa News | February 2020

HENSOLDT and Kappa team up for benchmark crash recording solution

Most Wanted, Now Available: ED-155 Combined Recorder and Cockpit Camera.

For years, the NTSB (National Transportation Safety Board) and EUROCAE (European Organization for Civil Aviation Equipment) have required professional crash-proof image and data recorders for light aircraft and helicopters. The new update of EU regulation ED-155 forces the issue. Consequently, two world renowned brands, Hensoldt Sensors GmbH and Kappa optronics GmbH, have joined forces to present a lightweight, all-in-one solution for comprehensive crash recording. This fully ED-155 qualified system consists of the Kappa FE 320 LCR camera, combined with the lightweight SferiRec® LCR recorder. Flight-data is stored together with high-quality cockpit voice and video data in crash-protected memory.

The system is EASA approved. A Supplemental Type Certification (STC) for the Cessna Grand Caravan utility aircraft is upcoming, with more to follow. Numerous OEMs at the HAI Heli Expo in Anaheim CA (USA) showed great interest, indicating that the system's size and performance are exactly what the industry had been looking for. Kappa and Hensoldt will showcase their benchmark solution at the Aerospace Tech Week in Toulouse, France (Booth 605, March 18-19, 2020).

Photo: Joint Forces: Crash Recording Team HENSOLDT and Kappa, in the middle (left): Ingolf Popel (Kappa) and Thomas Ilzhöfer (HENSOLDT) © Kappa optronics GmbH



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Kappa optronics

Kappa has over 40 years of experience in the development and manufacturing of application-specific cameras and vision systems in extremely robust and certified designs. We offer innovative vision solutions with day- and night-vision capability in 24/7 operation for maximum performance of the entire system, especially in safety-critical environments. Precise advice, dynamic project management, and above all, a development team with profound experience generates success. Our portfolio includes signal processing, mechanical modifications and customer-specific interface configurations, as well as integration of optical components, lighting, and video management. We aspire to achieve the technologically best solution within specific quality requirements. We achieve safety levels for approval in regulated markets with standardized design assurance procedures in hard- and software development, for example, up to SIL 2/ASIL-B/DAL-B, ISO 26262, DO-254, DO-160, DO-178, MIL STD 810/704, and NATO Supplier Code C4792.