



## Safety recommendation no. 571

<b>Date of the publication</b>	27.04.2021
<b>Number of the final report</b>	2369
<b>Safety deficit</b>	<p>During an emergency landing outside the aerodrome area, which was due to a loss of motor power, the Pipistrel Alpha Electro 167 made a hard impact with the ground and then flipped over. In the current accident, the two main batteries were not damaged and there was no fire.</p> <p>In the context of the investigation it was revealed that an electrically powered aircraft involved in an accident poses specific hazards. Extinguishing a fire on an electrically powered aircraft requires special precautions and procedures on the part of the emergency services. This is due to the built-in high-performance batteries. The wreckage of an electrically powered aircraft also poses a particular hazard due to the high electrical voltage and current of the main batteries.</p>
<b>Safety recommendation</b>	The FOCA should supplement the aircraft register with an entry for electrically powered aircraft.
<b>Addressees</b>	BAZL Bundesamt für Zivilluftfahrt
<b>Stage of the implementation</b>	Implemented. The FOCA concurs with Safety Recommendation No. 571 in its letter dated August 5, 2021. Emergency information is now listed with each aircraft. This includes the Emergency Locator Transmitter (ELT) code, information on the presence of a Ballistic Recovery System (BRS) and, if available, a rescue card. On this rescue card, information about the propulsion system and how to deal with it in an emergency is noted for each aircraft with electric propulsion.
<b>Investigation report concerning the safety recommendation</b>	<p><a href="#">Final report</a></p> <p><a href="#">Rapport final</a></p> <p><a href="#">Rapport de première information</a></p> <p><a href="#">Schlussbericht</a></p>