



## Safety recommendation no. 514

<b>Date of the publication</b>	26.10.2016
<b>Safety deficit</b>	<p>Emergency locator transmitters (ELTs) are the official SAR resource of the International Civil Aviation Organisation. When working correctly, they usually ensure both that an alarm is activated quickly and that the position of the accident site is communicated with sufficient accuracy so that the accident location can be found quickly and in a targeted manner by search helicopters using direction finders.</p> <p>In Switzerland, the installation of an ELT is not mandatory for all aircraft. However, installation is highly recommended. Reasons for not installing an ELT include administrative and technical obstacles which lead to complex and therefore expensive installation procedures. Operating aircraft without an ELT represents a safety deficit because an essential and efficient SAR resource is deliberately not being used and the chances of a successful SAR mission are therefore reduced a priori.</p>
<b>Safety recommendation</b>	<p>The Federal Office of Civil Aviation (FOCA) should reduce the administrative and technical hurdles for installing ELTs as far as possible.</p>
<b>Addressees</b>	BAZL Bundesamt für Zivilluftfahrt
<b>Stage of the implementation</b>	<p>Partially implemented. The European Union Aviation Safety Agency (EASA) has reduced the administrative and technical hurdles with the introduction of Certification Specifications for Standard Changes and Standard Repairs (CS-STAN) Standard Change CS-SC101b Installation of emergency locator transmitter (ELT) equipment for aeroplanes with a maximum take-off mass (MTOM) under 2730kg and helicopters with an MTOM under 1200kg as well as for European light aircraft category 2. The FOCA considers further simplifications unnecessary.</p>