



## Safety recommendation no. 463

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<b>Safety deficit</b>	On 10 September 2010 a hazardous convergence occurred between a Saab 2000 aircraft on a visual approach to runway 19 at Lugano airport and a Swiss Air Force PC-7 training aircraft. The commercial aircraft had to fly an avoidance maneuvers because of the traffic alert and collision avoidance system (TCAS). The analysis of the serious incident and an anonymous survey as part of the investigation suggest that a significant proportion of flight crews have insufficient knowledge of the consequences of the concept of utilization of class D airspace and the way the onboard TCAS safety network functions.
<b>Safety recommendation</b>	The Federal Office of Civil Aviation should ensure that training courses to acquire all levels of licenses provide sufficient knowledge to enable the license holders to understand and implement the practical consequences of traffic alert and collision avoidance systems (TCAS) as well as the utilization concept of Class D airspace.
<b>Addressees</b>	BAZL Bundesamt für Zivilluftfahrt
<b>Stage of the implementation</b>	Awaiting response.
<b>Investigation report concerning the safety recommendation</b>	<a href="#">Final report</a> <a href="#">Schlussbericht</a>