



## **Newsletter Human Factors recurrent training – July 2015**

The Norwegian Air Accident Investigation Agency (SHT) has published last April an investigation report on serious accident involving an helicopter in 2010 (ref. SL2015/02).

The S-92A helicopter, operated by CHC Helikopter Service AS, with 18 people on board including 16 passengers, was approaching an oil rig in the Norwegian sector of North Sea. As the commander moved his seat forward in preparation for the final approach, it became detached from the seat rails. He had to hold on to the overhead hand grips with both hands to prevent the seat from falling down from the seat rails with the subsequent risk of jamming the flight controls.

The first officer landed the helicopter on the oil rig without further incident.

It was discovered that the seat had detached from the rails because the forward slide stops were missing. The quick release pins and the slide stops had not been replaced when the seat was reinstalled, having been removed in connection with maintenance work on the helicopter.

No safety recommendations were issued by SHT.

During a recent human factors recurrent training, a discussion developed around the case. The Operator interested on the training expressed concerns about the accident, especially because they operate single-pilot helicopters. Consequences of a similar accident on a single-pilot helicopter might be very different from the ones we know today. One of the preventing actions discussed was to introduce a full pilot's seat excursion check into the pre-flight checklist.

Thinking about the accident, compared to each one's field of interest, is a remarkable exercise and demonstrate the practical application of a Safety Management System.

As usual, your feedback is very important to me but more important is the use you'll do of this leaflet for discussion within your organisation.

### DISCLAIMER

This document is not to be intended as an investigation report.

This document is only a personal and partial view of a real case as seen by the author, aimed to highlight a particular aspect of the application of human factors, useful to diffuse a just culture throughout Organisations and their employees.

You are free to download it and to submit your personal cases or your personal expectation about future discussions to [mail@iflyaviation.aero](mailto:mail@iflyaviation.aero).