

A STARTLING PREDICAMENT

Capt. Helen Heenan MSc FRAeS



EASA

European Aviation Safety Agency

Final Report EASA_REP_RESEA_2015_3

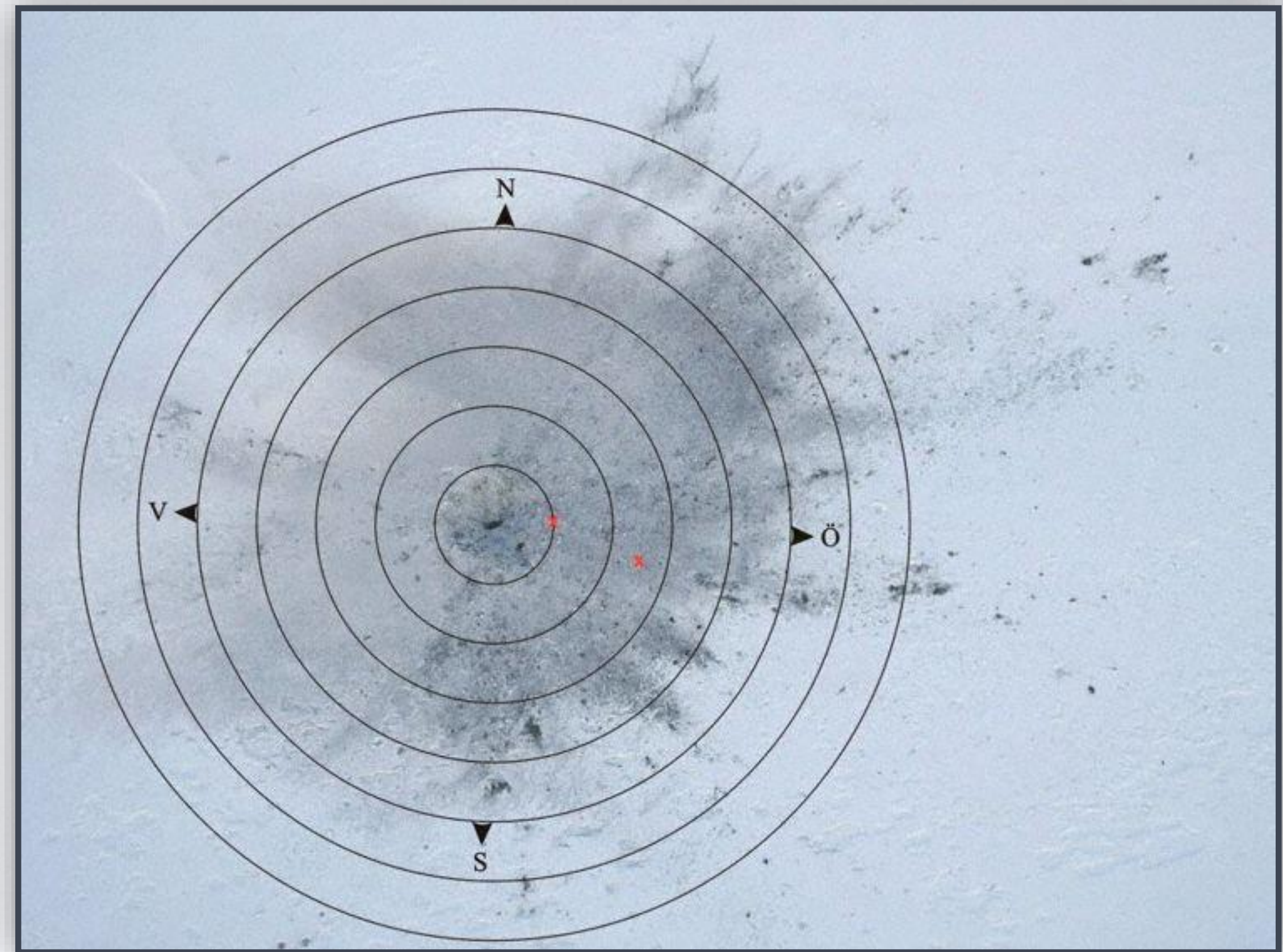
Research Project:

Startle Effect Management

“The startle reaction played a key role
in a significant number of LOC-I events”

EASA (2018)





FCL.745.A Advanced UPRT course – aeroplanes

Regulation (EU) 2018/1974

FLIGHT INSTRUCTION

(d) Flight instruction should include:

(1) exercises to demonstrate:

- (i) the relationship between speed, attitude and AoA;
- (ii) the effect of g-load on aeroplane performance, including stall events at different attitudes and airspeeds;
- (iii) aerodynamic indications of a stall including buffeting, loss of control authority and inability to arrest a descent;
- (iv) the physiological effects of different g-loads between -1 and 2.5G; and
- (v) surprise and the startle effect;**





What's Wrong?

What Still Works?

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