



EASA
European Aviation Safety Agency

Managing the Flight

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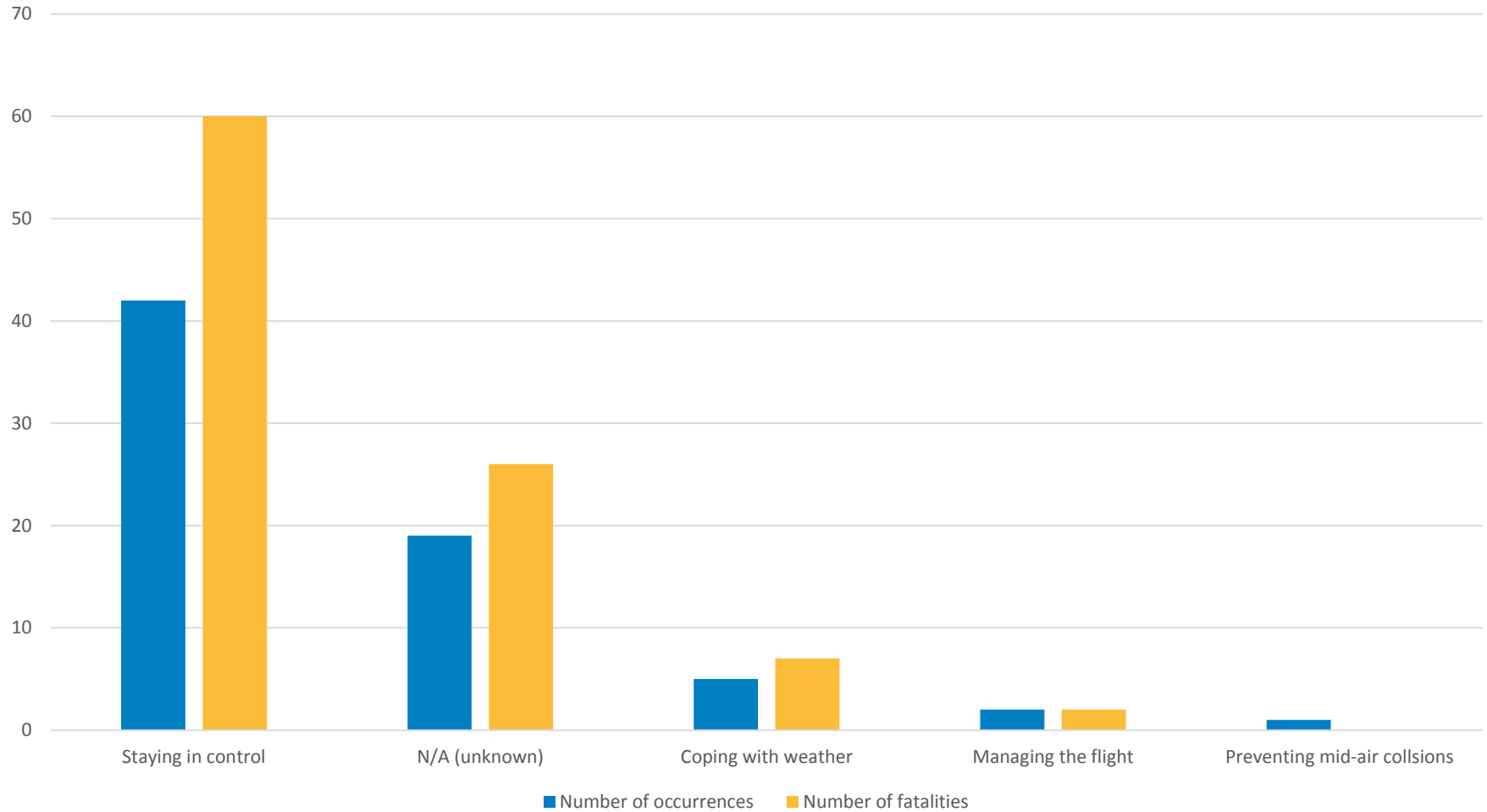
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Workshop Occurrences Provided





Key Safety Issues

- Fuel management
- Aircraft performance (enroute, T/O and LDG)
- Managing abnormal situations in flight (including degraded performance)
- Terrain and obstacle awareness
- Mountain flight (awareness, weather)
- Decision making (before and in-flight)
- Pressure to complete flight
- Prioritization of workload and Situational Awareness
- Limited learning from previous experiences



Ideas and Solutions - 1

- Fuel management
 - Fuel awareness training
 - Low Fuel Warning
 - Alternative Fuel Measurement
- Managing abnormal situations in flight (including degraded performance)
- Aircraft performance (enroute, T/O and LDG)
 - Teaching pilots about the need to be aware of differences between types and how to acquire the appropriate competences (maybe A/C Transition Training)
 - On field density altitude signage
- Terrain and obstacle awareness
 - Light TAWS (GNSS) as CS-STAN



Ideas and Solutions - 2

- Mountain flight (awareness, weather)
 - Awareness
- Prioritization of workload and Situational Awareness
- Decision making (before and in-flight), pressure to complete flight
 - Standard operating procedures
 - Personal limits



Ideas and Solutions - 3

- Tools to enable a good planning EU-wide
 - Presentation/accessibility of pre-flight information
- Limited learning from previous experiences
 - Tools for post-flight analysis and learning
 - Culture of post-flight analysis (just culture) and sharing, e.g. by social media
- Other ideas
 - Guidance materials for ramp inspectors
 - Motivation for participation in safety courses (e.g. insurance discounts)



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Thank you

Comments and questions are welcomed

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Safety issues

- Staying in Control
 - Flying skills, Pilot Awareness, Intentional Low Flying, Engine Failures, Stall in Final Turn or During Take-Off
- Coping with Weather
 - Entering IMC, Icing conditions, Carburettor icing, Weather information
- Preventing Mid-Air Collisions
 - Airspace infringement, See and Avoid, Airspace complexity
- Managing the flight
 - Navigation, Fuel Management, Forced landings