

HELICOPTER SAFETY SEMINAR

CAP1864 – The Onshore Safety Review

Introduction

- Chris Redfern – CAA FOI and Onshore Lead
- What is CAP1864?
- Where are we now?
- How do we move forward?

Introduction

- Robin Tutcher – AM NG and Chair OnSLG
- Onshore Safety Leadership Group
- Purpose
- Objectives
- Ongoing Work

What is CAP1864?

Aim

- 1.18 The aim of this review is to provide a status report to the CAA Board on the overall assessment of safety performance of UK onshore helicopter operations and to set actions or make recommendations to improve safety with the ultimate aim of minimising the likelihood of accidents and incidents.

What is CAP1864?

Content

- Published 2019
- 330 Pages
- 30 Chapters
- 16 Appendix - Flight Operations
- 7 Appendix - Airworthiness
- 27 Actions
- 25 Recommendations

What is CAP1864?

Challenges

- COVID-19
- Brexit
- Resourcing
- Changes since publication

Where Are We Now?

Flight Operations

- 5 completed actions
- 20 open actions, 20 open recommendations
- Industry led OnSLG reformed
- CAA Onshore Lead
- Working Groups / Committees

How Do We Move Forward?

- Prioritise, plan and progress
- Safety Seminar
- OnSLG led Actions
- Data Gathering
- Evidence Closed Actions
- CAP Progress Report
- New Onshore Safety Actions
- Other Stakeholders – BHA, HSE, DofT, NHS, NATS, Met Office

Onshore Safety Leadership Group

- CAP1864 Action A27
- Rehabilitated in 2022
- Purpose
 - The purpose of the OnSLG is to facilitate continuous improvement in the safety of onshore helicopter operations and replicate the successes of the OHSLG.

Current OnSLG Members



Department
for Transport



HM Coastguard



NATIONAL POLICE
AIR SERVICE



babcockTM



nationalgrid



Onshore Safety Leadership Group

- Objectives (Obviously Similar to OHSLG)
 - To work and collaborate with the onshore industry to conceive, embrace and implement safety improvements;
 - Develop consistency and assist with the implementation of best practice for the onshore sector;
 - To promote a strong culture of safety across the Onshore aviation sector;
 - Facilitate bringing a wide ranging and diverse community of operators together.

Realisation of Objectives

1. Working with the CAA to:
 - Review and update the Actions and Recommendations of the Onshore Helicopter Review;
 - Identify appropriate Actions and Recommendations that the OnSLG can take on as actions.
2. Use the expertise within the OnSLG to formulate the best approach to embed safety culture within the industry;
3. Feed industry opinion into the Regulator;
4. Attempt to bring the various committees and working groups together.

Actions and Recommendations

The tables below show examples of the actions and recommendations from CAP1864 that the OnSLG are reviewing with the CAA.

Number	Action
A16	A review of CAP 1581 and ensure that wherever possible the recommendations therein are adopted.
A21	Engage with Industry to review the training and testing of engine failures leading to autorotation to ensure that the appropriate skills and awareness are being addressed.
A23	Work with key stakeholders and operators to review the provision of Hospital Landing Site information with the aim of adopting a unified controlled source similar to that used for offshore helidecks.

Number	Recommendation
R7	Propose a case for rule change for the suitability of the pre-requisite experience required for Type Rating Examiners with a view to ensure that it is proportionate and attainable.

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Work Already Commenced

- HHLS has become the focus for the moment:
 - Collaborating with various different forums to try and bring everything together and reduce duplication;
 - Devising a risk based approach to identify the starting point (most likely the MTCs and key sites);
 - Working with HSE, NHS, DfT, CAA and operators to develop systems and processes for clear accountability of site ownership;
 - Reviewing processes to ensure the safeguarding of the HHLS and associated approach / departure.

Work Already Commenced

- ACANS / Airbox:
 - Working with stakeholders and operators to develop an HHLS directory using ACANS;
 - Potential of providing real time HHLS information updates directly to the users (occupied, serviceable etc.);
 - Provision of weather stations for MTC's and key sites (including web cams).
- HHOM (Hospital Helicopter Operations Manual)
 - Concept of an HHLS Helicopter Operations Manual (HOM) which will clearly define the accountability of the site owners, policies and procedures;
- Training of Appropriate HHLS Staff:
 - Discussions ongoing with BHA and CAA for development of a training programme suitable for responsible staff at HHLS.

Work Already Commenced

- Developing the Full HHLS Model:
 - Potentially using a Bristol MTC as a conceptual case by engaging with the Bristol Rotary Safeguarding Forum;
 - First development of HHOM for potential roll out to other sites but based on real data from the site;
 - Widening the stakeholders to include local councils for future safeguarding;
 - Demonstrating the need for and evolving the required top down approach.

Airworthiness

- Update from AW

Questions?