



Wildlife Hazard Management

21st November 2023

ASWHM_OSI_077

Version 3.0

Operational Safety Instruction Wildlife Hazards and Reporting of Birdstrikes

It is the responsibility of all employers to ensure that relevant OSIs are brought to the attention of their staff. However, individuals remain responsible for their own actions and those who are in any doubt should consult their Supervisor or Manager.

1. Introduction

- 1.1 Wildlife hazards, including birdstrikes on an airfield, can cause serious hazards to aircraft and personnel onboard. This is especially critical during the departure and arrival phase of flight. It is therefore important that all possible efforts are made to minimise this risk of birdstrikes occurring at Heathrow Airport.
- 1.2 This Operational Safety Instruction (OSI) is written to remind all airport users of how wildlife is managed, their responsibilities and reporting procedures whenever wildlife hazard is observed at Heathrow Airport.
- 1.3 Red bars have been added to the side of the document to draw the reader’s attention to where changes have been made.
- 1.4 ASWHM_OSI_077 v2.1 is hereby cancelled.

2. Definitions

AfDM	Airfield Duty Manager
ATC	Air Traffic Control
CAA	Civil Aviation Authority
FOD	Foreign Object Debris
HAL	Heathrow Airport Limited



3. Regulatory Requirements

- 3.1** The regulatory requirements under the CAA require the aerodrome operator to establish means and procedures to minimise the risk of collisions between wildlife and aircraft at the aerodrome.
- 3.2** CAA Guidance on current best practices for all aspects of wildlife hazard management and reporting is detailed in:
- 3.2.1** CAP 772 - Wildlife Hazard Management at Aerodromes.
 - 3.2.2** CAP1168 - Guidance Material for Aerodromes.
 - 3.2.3** Commission Implementing Regulation (EU) 2015/1018.
 - 3.2.4** Regulation (EU) No 376/2014 of the European Parliament and of the Council.
 - 3.2.5** AMC1 ADR.OPS.B.020 Wildlife Strike Hazard Reduction.

4. Wildlife Hazard Management

- 4.1** HAL employs a variety of measures designed to reduce the risks associated with wildlife activity in the vicinity of the aerodrome.
- 4.2** Active wildlife control is exercised at and around the airport by the HAL Airfield Operations team and its authorised contractors.
- 4.3** Off-airport monitoring and proactive management are carried out by a contracted organisation on behalf of HAL.
- 4.4** All airport users have a responsibility to report wildlife strikes to the HAL Airfield Operations team (see Section 6 of this OSI).
- 4.5** All airport users have a responsibility to minimise wildlife attractants where practicable, including disposing of waste products and/or food sources correctly (see Section 5 of this OSI).
- 4.6** The responsibility of airside users extends to report wildlife hazards or any breach of this OSI to the HAL Airfield Operations team (see Section 6 of this OSI).

5. Disposal of Waste Products

- 5.1** Food items must be properly disposed of and not left in the outside environment and/or in an opened container. Such items will act as a wildlife attractant and could potentially become FOD.



- 5.2 All waste bins, skips and/or any other waste container are required to have cover or lids that exclude birds and other wildlife. All of these **MUST** be closed or covered when not in use.
- 5.3 Feeding of birds and/or any wildlife is strictly prohibited anywhere airside. Failure to comply with this rule may lead to AOT being issued as a result. For details regarding AOT issuance, please refer to ASDRVE_OSI_087 Management of Airside Safety Offences.
- 5.4 HAL Airfield Operations team conducts daily patrols on works sites, waste disposal areas and known areas of potential food sources within the airside areas.
- 5.5 For further information on the correct disposal of food waste, please refer to ASEnv_OSI_058 – Waste Management and Disposal Including Aircraft Catering Waste and/or contact the HAL Airfield Operations team directly at extension number 656459 if using an internal landline or 0208 745 6459 if calling from a mobile or an external landline.
- 5.6 Breaches of these requirements may lead to enforcement actions taken by HAL, including AOT issuance and levying of fines for clearance of waste and deep cleaning of areas.

6. Reporting of Wildlife Strikes

- 6.1 Regulation (EU) No 376/2014 of the European Parliament and of the Council states that occurrences which may represent a significant risk to aviation safety must be reported through the Mandatory Occurrence Reporting system, also known as MOR. This includes wildlife strikes as set out in Commission Implementing Regulation (EU) 2015/1018.
- 6.2 Upon discovering evidence or witnessing a wildlife strike incident, the HAL Airfield Operations team must be contacted **immediately** by extension number 656459 if using an internal landline or 0208 745 6459 if calling from a mobile or an external landline.
- 6.3 The person contacting the HAL Airfield Operations team must provide the following information as a minimum:
- 6.3.1 Reporter's company name;
 - 6.3.2 Location (stand number, if applicable);
 - 6.3.3 Airline involved;
 - 6.3.4 Aircraft type and registration;
 - 6.3.5 Location of the strike on the aircraft, e.g. engine, fuselage, wing;
 - 6.3.6 Contact name and number.
- 6.4 The wildlife remains and any evidence associated with the incident must not be **touched, removed or cleaned** until a member of the HAL Airfield Operations team has attended and given permission to do so.



- 6.5 A member of the HAL Airfield Operations team will be dispatched to visit the aircraft involved, take details of the incident, and if available, recover the remains or trace evidence of the strike (forensically if necessary) for species identification.
- 6.6 Once approval has been given by a member of the HAL Airfield Operations team, any follow-up action deemed necessary by the airline/ground handler or engineer involved may take place, including removal of wildlife remains, clean-up and repair of the area affected.

7. Reporting of Wildlife Activity

- 7.1 Under any of the following activities, reports must be made to the HAL Airfield Operations team immediately by extension 656459 (if using an internal landline) or at 0208 745 6459 if calling from an external phone
 - 7.1.1 Wildlife activity is witnessed and thought to have an immediate threat to aircraft safety;
 - 7.1.2 Any unusual or excessive wildlife activity is witnessed; or
 - 7.1.3 A bird's nest or evidence of nesting around the airfield is identified.
- 7.2 If the flight crew reported any wildlife-related activity whilst operating an aircraft into or out of Heathrow Airport, the details of which will be relayed to the HAL Airfield Operations team by ATC.
- 7.3 When contacting the HAL Airfield Operations team to report a wildlife activity that may affect aircraft safety, the following information must be provided as a minimum:
 - 7.3.1 Location of the wildlife activity
 - 7.3.2 Species or description of wildlife involved (if known)
 - 7.3.3 A description of the activity
 - 7.3.4 Reporter's company name
 - 7.3.5 Contact name and number

8. Assessment of Wildlife Hazards

- 8.1 A Wildlife Hazard Steering Group meets on a regular basis to review policy and active bird control measures.
- 8.2 A risk identification approach is taken to assessing wildlife hazards, as outlined in CAP 772. This approach takes the occurrence of a strike over the prior 5 years against its likely severity, to give an overall risk rating, against which wildlife hazard management plans are created.



9. References

- 9.1 CAA AMC1 ADR.OPS.B.020 Wildlife Strike Hazard Reduction
- 9.2 CAA CAP 772 - Wildlife Hazard Management at Aerodromes
- 9.3 CAA CAP1168 - Guidance Material for Organisations, Operations and Design Requirements for Aerodromes.
- 9.4 Regulation (EU) No 376/2014 of the European Parliament and of the Council
- 9.5 Commission Implementing Regulation (EU) 2015/1018
- 9.6 ASEnv_OSI_058 – Waste Management and Disposal Including Aircraft Catering Waste
- 9.7 ASDRVE_OSI_087 Management of Airside Safety Offences.

10. Enquiries

Any questions concerning this Instruction should be addressed to the HAL Airfield Duty Manager (AfDM) by telephone at 0208 745 7373.



Document Data

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Document History

Revision	Description of Change	Date
v1.0	Introduction of a WHM OSI to the aerodrome manual.	3 rd May 2018
v1.1	Updated telephone number for AfDM	17 th May 2018
v2.0	Update to Legislation and reporting procedure	16 th April 2021
v2.1	Amendment of ASD Number	30 th April 2021
v3.0	Update to legislation and other recommended changes	21 st November 2023

