

20<sup>th</sup> August 2024

ASGrOps\_OSI\_024

Version 4.0

# Operational Safety Instruction

## Aircraft Maintenance on Stand

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 The maintenance of aircraft whilst parked on any stand (other than in leased areas) is subject to restrictions at Heathrow Airport. These restrictions are in place to optimise aircraft stand utilisation and to ensure that stands are prioritised for use by 'live' aircraft.
- 1.2 All operating companies must observe the rules and procedures as laid down in this Operational Safety Instruction (OSI) and the Ground Operations Licence (GOL) or Airside Operations Licence (AOL).
- 1.3 All current OSIs can be found via the link [here](#) or via the Quick-response (QR) code below.



- 1.4 Red bars have been added to the side of the document to draw the reader's attention to where changes have been made.
- 1.5 ASGrOps\_OSI\_024 Aircraft Maintenance on Stand (Version 3.0) is hereby cancelled.



## 2. Definitions

Abbreviation	Description
AOL	Airside Operations Licence
AOU	Aircraft Operations Unit
FOD	Foreign Object Debris
GOL	Ground Operations Licence
PPE	Personal Protective Equipment
OSI	Operational Safety Instruction

## 3. Aircraft Maintenance on Stand

- 3.1** Any aircraft maintenance activities to be conducted on a parking stand that would or may, render the aircraft immobile, must inform the AOU before work commencement, especially for any works that are expected to take **more than an hour** to complete. This includes removing or replacing any significant assemblies, such as engines, wheels, auxiliary power units, control surfaces, or undercarriage.
- 3.2** Any procedures that could potentially contaminate the stand or pose a risk to other airport users **are not permitted** except in the leased areas. For example, venting of aircraft fuel tank.
- 3.3** If an aircraft operator that does not have its own maintenance facilities at Heathrow Airport requires any of the above procedures, the operator must make every effort to arrange with a home-based maintenance provider for the work to be carried out in a maintenance base.
- 3.4** In exceptional circumstances, permission may be granted to conduct certain maintenance activities, as Paragraph 3.1 of this OSI outlines. For example, the aircraft operator can provide evidence that an appropriate space or a facility within a maintenance base is unavailable. Approval must be sought from HAL AOU at 0208 745 6033 or the Aircraft Operations Duty Manager at 0752 582 5585 or 0208 757 3501. The HAL AOU has the ultimate right to approve or reject such requests.
- 3.5** If the request to conduct aircraft maintenance on the stand is rejected, the AOU may allow the aircraft operator to wait for a stand to become available that has the operational capacity for the work to be carried out. This could involve relocating the aircraft to an off-pier stand that is not required for an extended period. In such a scenario, it is the responsibility of the aircraft operator to ensure that the aircraft is safe to be towed and follow the established safety procedures.



- 3.6** Acceptable procedures include minor maintenance, such as checking oil and fluids undertaken during normal transit, turnaround checks or routine mandatory aircraft checks within the scheduled on-stand ground time of the aircraft.
- 3.7** For guidance on the use of engine power during aircraft maintenance, please refer to OSI “ASEnv\_OSI\_061 Ground Noise at Heathrow”.

#### 4. Safety Procedures

- 4.1** All personnel involved in aircraft maintenance must wear suitable Personal Protective Equipment (PPE) when working in any airside areas. This includes but is not limited to, protection for the head, ears, feet, and hands. Maintenance activities must be risk-assessed to determine the level of PPE required and document it. For details regarding PPE requirements, reference should be made to OSI “ASGrOps\_OSI\_042 Use of Personal Protective Equipment Airside”.
- 4.2** In case any environmental incident occurs, such as spillage of any substances (either hazardous or non-hazardous), it must be reported to HAL without delay. For details, reference should be made to OSI “ASEnv\_OSI\_059 Spillage and Incident Reporting Procedures”.
- 4.3** After the aircraft maintenance works have been completed, the area must be checked to ensure that it is free from FOD (such as tools or aircraft parts, etc.) and substance spillage.

#### 5. Enforcement

- 5.1** Aircraft operators are reminded that under the published Conditions of Use document for Heathrow Airport they are liable to additional charges in the event of failure to comply with a request (by Heathrow) to move an aircraft within a specified period.
- 5.2** Third parties must have procedures in place to deal with all environmental incidents that may occur. This includes mitigating the risk of contamination/spillages during maintenance activities. For more information, please see OSI “ASEnv\_OSI\_059 Spillage and Incident Reporting Procedures”.

#### 6. Enquiries

Any questions regarding this OSI should be addressed to the HAL Aircraft Operations Unit (0208 745 6033) or Aircraft Operations Duty Manager (0752 582 5585 or 0208 757 3501).



## 7. References

- 7.1 ASGrOps\_OSI\_042 Use of Personal Protective Equipment Airside
- 7.2 ASEnv\_OSI\_059 Spillage and Incident Reporting Procedures
- 7.3 ASEnv\_OSI\_061 Ground Noise at Heathrow
- 7.4 Heathrow Airport Limited Conditions of Use
- 7.5 Ground Operations Licence (GOL)
- 7.6 Airside Operations Licence (AOL)



## Document Data

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## Document History

Revision	Description of Change	Date
V1.0	Initial Version	17 <sup>th</sup> August 2017
V2.0	Revision	18 <sup>th</sup> May 2018
V3.0	Revision	11 <sup>th</sup> October 2021
V4.0	Updates on aircraft maintenance on stand and enforcement. New section on safety procedures.	20 <sup>th</sup> August 2024

