



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. These restrictions are in place to ensure that stands are available for 'live' aircraft and for the purposes of prevention of environmental pollution.

1.2 Red bars have been added to the side of the document to draw the readers attention to where changes have been made.

1.3 ASGrOps_OSI_024 v2.0 is hereby cancelled.

2. Definitions

Abbreviation	Description
AOU	Aircraft Operations Unit



3. Conditions of Maintenance

3.1 The following types of maintenance operations are not permitted on aircraft parking stands:

- i. Any procedure which would, or may, render the aircraft immobile for more than 30 minutes. This includes the removal or replacement of any major assemblies, for example engines, auxiliary power units, control surfaces or undercarriage.
- ii. Any procedure which would, or may, result in the contamination of the stand by any substance.
- iii. The venting of aircraft fuel tanks.

3.1.1 In the event that one of the above procedures is required by an aircraft operator which does not have its own maintenance facilities at Heathrow, 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. Should it prove impossible to arrange for the necessary space or facilities, the aircraft operator should contact the Aircraft Operations Duty Manager for assistance.

3.1.2 In exceptional circumstances permission may be granted to conduct maintenance activities outlined in 3.1. In order to request permission to conduct these activities operators must seek approval from Heathrow Aircraft Operations Unit (AOU), Aircraft Operations Duty Manager (contact number 07525 825585 or 020 8757 3501).

3.1.3 AOU will only consider permitting any maintenance operation to take place on a parking stand after receiving confirmation and the relevant evidence that an appropriate space or a facility within a maintenance base is not available for this purpose.

3.1.4 It must be emphasised that there will be occasions when insufficient aircraft parking space is available for maintenance purposes. In such cases AOU may have no option but to refuse permission. In this situation the aircraft operator would either have to:

- i. move the aircraft to an airport maintenance area
- ii. wait for a stand to become available that has the operational capacity for the work to be carried out, i.e. an off pier stand that is not required for an extended period.
- iii. if able, fly the aircraft out of Heathrow



3.2 Acceptable procedures include minor maintenance, such as checking oil and fluids undertaken during normal transit, turnround checks or Routine Mandatory aircraft checks within the scheduled on stand ground time of the aircraft

3.3 For guidance on use of engine power during aircraft maintenance please refer to “Approval Control Process” and “Safety of Engine Ground Running” in OSI_ ASEnv_OSI_061 Ground Noise at Heathrow.

4. Enforcement

4.1 Aircraft operators are reminded that under the published Conditions of Use document for Heathrow Airport they are liable to aircraft parking charges of up to eight times the normal rates in the event of failure to comply with a request (by Heathrow) to move an aircraft within a specified period.

4.2 Third parties must have procedures in place to deal with all environmental incidents which may occur, this includes mitigating risk of contamination/spillages during maintenance activities, for more information see ASEnv_OSI_059 Spillage and Incident Reporting Procedures.

5. Enquiries

Any questions regarding this Instruction should be addressed to the Heathrow Aircraft Operations Unit, Aircraft Operations Duty Manager (07525 825585 or 020 8757 3501).

6. References

ASEnv_OSI_061 Ground Noise at Heathrow

