Environmental Information

Noise on the ground

Ground noise may affect those who live close to the Airport and can alter in intensity depending on weather conditions and wind direction.

There are three main causes of ground noise at airports:

- Aircraft using reverse thrust to increase their braking on arrival
- Aircraft sitting on their stands with the power units running for loading and unloading purposes
- Aircraft undertaking ground engine testing, either as part of a maintenance regime or following rectification of a fault

Reverse thrust

In order to reduce speed after landing, aircraft can reverse their engines to apply a braking force. The use of reverse thrust is discouraged at Bournemouth Airport unless it is necessary for operational safety reasons – for example if the runway is wet.

Aircraft power units

Aircraft power units allow aircraft devices such as interior lighting and the air conditioning systems to operate.

We have a number of procedures in place to minimise the impact of aircraft power units and to require the use of ground power units as an alternative.

Engine testing

The Airport has strict procedures in place to minimise the impact of noise from engine testing.

Testing is only undertaken with the prior consent of the Airport and is not normally permitted at night. The location of the test site is chosen in order to minimise the likelihood of disturbance and will take into account weather conditions and wind direction.