

Community Noise Report

South Luton

March 2017



Introduction

London Luton Airport undertook unattended noise monitoring in South Luton as part of the ongoing noise monitoring programme. The purpose of the monitoring was to understand the typical noise levels created in this area by departing aircraft during westerly operations.

The noise monitor was located in Ludlow Avenue, Luton between the 3rd March and 17th March 2017.

The monitor was located directly under the main westerly departure centreline for runway 26, approximately 2.5km from the runway. The altitude at the monitor was 170m above sea level.

Aircraft data captured was extracted from LLA's noise and track-keeping system (TopSonic). Operations in the area was evaluated by drawing a 2km 'gate' perpendicular to the Noise Preferential Route corridor.



LLA Operations During the Monitoring

During the monitoring 4,384 air traffic movements were handled by LLA, there were no trials in place that could have affected the position of aircraft during this time.

During the period of monitoring the direction of operation was 6% easterly and 94% Westerly and therefore during easterly operations no data was captured.

