

Bickerdike Allen Partners

EAST DEVON DISTRICT LOCAL PLAN NOISE IMPACT APPRAISAL/EXETER AIRPORT (A5441/R2)

MAINTENANCE OPERATIONS STATEMENT

APPENDIX 3

Extract from published Environmental Statement related to Aircraft Maintenance Hangar, Related Infrastructure and Landscaping and Related Office Development.

Scott Wilson
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(Appendix C pages 6-7)

CANADAIR REGIONAL JETS

Pre-flight Checks

These checks are carried out prior to each flight and involves a general visual walk around by Engineer / Captain at the aircraft stand.

Terminal Check (Line Maintenance)

Carried out during each night stop at Birmingham International Airport, this includes a light service and checks on hydraulics, flight controls, batteries, etc and is carried out by a qualified engineer. These checks can be carried out at the aircraft stand or Apron.

Type 'A' Maintenance

Carried out approximately every 400 flight hours and involves a more detailed inspection and function checks of the aircraft and maintenance systems. The check takes approximately 6 hours and is carried out in the hangar building.

Ground Running: Ground Idle (on adjacent apron area) for routine leak checks, etc, for approximately 4 minutes, is usually, but not always required.

Type 'C' Maintenance (Equalised)

Equalised Type 'C' Checks are carried out approximately every 250 flight hours. It involves progressive checks and progressive structural inspection of the whole aircraft.

Ground Running: No ground runs are associated with equalised maintenance.

Out of Phase Maintenance (OOP)

Out of Phase maintenance (OOP) is also carried out approximately 8 times a year, and 3 of these checks involve ground runs.

Ground Running: Full engine testing and function tests up to full power (on Taxiway Echo) for approximately 3 minutes, 5 minutes at 50%, 16 minutes at idle. This incorporates the ground runs resulting from C Type checks.

Unscheduled Defect Rectification

Defect rectification is carried out on a "as required" basis. Experience shows that these checks result in ground runs.

Ground Running: Full engine testing and function tests up to full power (on Taxiway Echo) for approximately 3 minutes, 5 minutes at 50%, 7 minutes at idle.