MANUFACTURER AND MANUFACTURER'S DESIGNATION OF AIRCRAFT

Manufacturer | AIRBUS
Commercial name | Type
A330
Version | 322

ENGINE

Type | PW4168
Number of Engines | 2
Nacelle | short duct
Propeller
Thrust (Sea Level Static) | 302.50 kN
ByPass Ratio(SLS) | 5.2
Maximum Take-Off Mass | 212000 (Kg)
Slats/Flaps | 16/8
Maximum Landing Mass | 177000 (Kg)
Slats/Flaps | 23/32

NOISE CERTIFICATION STANDARD

Noise Regulation | ICAO Annex 16, Volume I
Chapter or Stage | 4

MODIFICATIONS

<table>
<thead>
<tr>
<th>Aircraft</th>
<th>Engine</th>
</tr>
</thead>
<tbody>
<tr>
<td>Modification Number</td>
<td></td>
</tr>
<tr>
<td>Modification Description</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Lateral/Full-Power</th>
<th>Approach</th>
<th>Flyover</th>
</tr>
</thead>
<tbody>
<tr>
<td>Noise Level (EPNdB)</td>
<td>98.5</td>
<td>97.9</td>
</tr>
<tr>
<td>Noise Limit (EPNdB)</td>
<td>100.7</td>
<td>104.1</td>
</tr>
<tr>
<td>Margin (EPNdB)</td>
<td>2.2</td>
<td>6.2</td>
</tr>
</tbody>
</table>

Cumulative Margin (EPNdB) | 14.30

Remarks | Weight variant nº 2, Dossier nº 00G 090 P4047/C32, EASA record Id A2942
Date of Certification | 10/12/10
Certification Authority | EASA