

This is a listing of all the ESDUpacs<sup>†</sup> and VIEWpacs contained within the Aircraft Noise Series. For an explanation of these terms see Data Item 04013.

| <i>ESDUpac</i>       | <i>VIEWpac</i> |                 | <i>Program Title</i>                            | <i>Associated Data Item</i> | <i>Volume</i> |
|----------------------|----------------|-----------------|-------------------------------------------------|-----------------------------|---------------|
|                      | <i>JAVApac</i> | <i>ESDUview</i> |                                                 |                             |               |
| A7520<br>Version 3.0 | —              | —               | Far-field buzz-saw noise.                       | 75020                       | Volume 1      |
| B7520<br>Version 1.0 | —              | —               |                                                 |                             |               |
| A9808<br>Version 2.0 | —              | —               | Fan noise prediction.                           | 98008                       |               |
| B9808<br>Version 1.0 | —              | —               |                                                 |                             |               |
| A0501<br>Version 1.0 | —              | —               | Combustor noise                                 | 05001                       |               |
| B0501<br>Version 2.0 |                |                 |                                                 |                             |               |
| A0012<br>Version 2.0 | —              | —               | Circular duct liner attenuation.                | 00012                       |               |
| B0012<br>Version 2.0 | —              | —               |                                                 |                             |               |
| A0024<br>Version 1.0 | —              | —               | Rectangular and annular duct liner attenuation. | 00024                       |               |
| B0024<br>Version 1.0 | —              | —               |                                                 |                             |               |
| A0115<br>Version 1.0 | —              | —               | Far-field sound radiation from circular ducts.  | 01015                       |               |
| B0115<br>Version 1.0 | —              | —               |                                                 |                             |               |
| A9819<br>Version 2.0 | —              | —               | Single-stream jet noise.                        | 98019                       | Volume 2      |
| B9819<br>Version 2.0 | —              | —               |                                                 |                             |               |
| C9819<br>Version 2.0 | —              | —               |                                                 |                             |               |
| A9906<br>Version 2.0 | —              | —               | Near-field single-stream jet noise prediction.  | 99006                       |               |
| B9906<br>Version 2.0 | —              | —               |                                                 |                             |               |
| C9906<br>Version 2.0 | —              | —               |                                                 |                             |               |
| A0104<br>Version 2.0 | —              | —               | Coaxial stream jet noise.                       | 01004                       | Volume 2      |
| B0104<br>Version 2.0 | —              | —               |                                                 |                             |               |
| C0104<br>Version 2.0 | —              | —               |                                                 |                             |               |

<sup>†</sup> **Provision of Source Code in ESDU Software**

Source code is not generally supplied with ESDU Software. It may be available under licence on request. Contact ESDU International for details. Previously, complimentary source code was issued with the software associated with particular Data Items. In order to protect the intellectual property rights of ESDU International this no longer applies. Absence of source code in no way affects the performance of the software for its intended purpose. Some Data Items may refer directly to the source code of their associated software. If this causes any difficulty contact ESDU International for advice.

| <i>ESDUpac</i>       | <i>VIEWpac</i>        |                      | <i>Program Title</i>                                                                          | <i>Associated Data Item</i> | <i>Volume</i> |
|----------------------|-----------------------|----------------------|-----------------------------------------------------------------------------------------------|-----------------------------|---------------|
|                      | <i>JAVApac</i>        | <i>ESDUview</i>      |                                                                                               |                             |               |
| A7521<br>Version 3.1 | J7521A<br>Version 1.2 | 7521A<br>Version 1.0 | Turbulent boundary layer noise.                                                               | 75021                       | Volume 3      |
| A8711<br>Version 2.1 | —                     | 8711A<br>Version 2.1 | Static-to-flight correction of far-field single-stream jet noise.                             | 87011                       |               |
| B8711<br>Version 2.0 | —                     | —                    |                                                                                               |                             |               |
| A9023<br>Version 3.0 | —                     | —                    | Airframe noise prediction.                                                                    | 90023                       | Volume 3      |
| B9023<br>Version 1.0 | —                     | —                    |                                                                                               |                             |               |
| A7620<br>Version 1.0 | —                     | —                    | Rotor and propeller noise.                                                                    | 76020                       |               |
| B7620<br>Version 1.0 | —                     | —                    |                                                                                               |                             |               |
| A9529<br>Version 2.0 | J9529A<br>Version 1.2 | 9529A<br>Version 2.0 | Propeller noise prediction.                                                                   | 95029                       |               |
| A9627<br>Version 1.1 | —                     | 9627A<br>Version 1.1 | Estimation of the unsteady lift coefficient of subsonic propeller blades in non-axial inflow. | 96027                       |               |
| A7802<br>Version 2.0 | —                     | 7802A<br>Version 1.0 | Discrete frequency attenuation of sound.                                                      | 78002                       | Volume 4      |
| A7803<br>Version 2.0 | —                     | 7803A<br>Version 1.0 | Estimation of the attenuation of broad-band sound by a non-uniform atmosphere.                | 78003                       |               |
| A8227<br>Version 2.0 | —                     | 8227A<br>Version 1.0 | Estimation of lateral attenuation.                                                            | 82027                       | Volume 5      |
| A9436<br>Version 1.0 | —                     | 9436A<br>Version 1.0 | Overground sound propagation.                                                                 | 94036                       |               |
| A7911<br>Version 3.0 | —                     | —                    | Estimation of noise shielding by barriers.                                                    | 79011                       | Volume 6      |
| B7911<br>Version 1.0 | —                     | —                    |                                                                                               |                             |               |
| A8823<br>Version 3.0 | —                     | 8823A<br>Version 1.0 | Jet-by-jet shielding of noise.                                                                | 88023                       |               |
| A0411<br>Version 1.0 | —                     | —                    | Sound attenuation in a refracting turbulent atmosphere.                                       | 04011                       |               |
| B0411<br>Version 1.0 | —                     | —                    |                                                                                               |                             |               |
| A8936<br>Version 2.1 |                       | 8936A<br>Version 1.0 | Outdoor sound propagation in wind and temperature gradients.                                  | 89036                       |               |
| A9435<br>Version 1.0 | —                     | 9435A<br>Version 1.0 | Ground reflection correction.                                                                 | 94035                       |               |
| A0701<br>Version 1.0 | —                     | —                    | Noise transmission into aircraft cabins.                                                      | 07001                       | Volume 8      |
| B0701<br>Version 1.0 | —                     | —                    |                                                                                               |                             |               |
| C0701<br>Version 1.0 | —                     | —                    |                                                                                               |                             |               |
| D0701<br>Version 1.0 | —                     | —                    |                                                                                               |                             |               |