

Noise Levels for Business Jets

Based on Advisory Circular AC36-1H

| MANUFACTURER | MODEL   | MTOW  | MLW   | ENGINE MODEL                 | No. | THRUST | BPR  | FLAPS |    | NOISE LEVEL<br>(EPNdB) |      |       | STAGE |
|--------------|---|-------|-------|------------------------------|-----|--------|------|-------|----|------------------------|------|-------|-------|
|              |   |       |       |                              |     |        |      | TO    | AP | TO                     | SL   | AP    |       |
| BEECH        | BEECHJET 400  | 15.78 | 14.22 | JT15D-5                      | 2   | 2.90   | 2.10 | 10    | 30 | 88.6                   | 93.7 | 91.4  | 3     |
| BOMBARDIER   | BD-700-1A10 (Global Express)                          | 93.50 | 78.50 | BR700-710-A2-20              | 2   | 14.97  | 5.00 | 16    | 30 | 82.1                   | 88.7 | 89.8  | 3     |
| BOMBARDIER   | BD-700-1A10 (Global Express)                          | 96.00 | 78.50 | BR700-710-A2-20              | 2   | 14.97  | 5.00 | 16    | 30 | 82.7                   | 88.6 | 89.8  | 3     |
| BOMBARDIER   | BD700-1A10 (Global Express) (Learjet STC: SA8184NM-D) | 75.00 | 75.00 | Rolls Royce/ BR700-710-A2-20 | 2   | 14.97  | 5.00 | 16    | 30 | 75.6                   | 89.3 | 89.7  | 3     |
| BOMBARDIER   | CL-600  | 36.00 | 33.00 | ALF-502                      | 2   | 7.50   | 5.00 | 20    | 45 | 81.6                   | 89.3 | 91.2  | 3     |
| BOMBARDIER   | CL-600  | 40.40 | 36.00 | ALF 502L/L-2/L-2C            | 2   | 7.50   | 5.00 | 20    | 45 | 84.0                   | 87.2 | 91.6  | 3     |
| BOMBARDIER   | CL-600  | 41.25 | 36.00 | ALF-502L/L-2/L-2C            | 2   | 7.50   | 5.00 | 20    | 45 | 84.7                   | 89.5 | 91.6  | 3     |
| BOMBARDIER   | CL-600 (WINGLETS)                                     | 41.25 | 36.00 | ALF-502L/L-2/L-2C            | 2   | 7.50   | 5.00 | 20    | 45 | 84.8                   | 89.5 | 91.6  | 3     |
| BOMBARDIER   | CL-601  | 43.00 | 36.00 | CF34-1A                      | 2   | 8.65   | 6.30 | 20    | 45 | 79.9                   | 84.8 | 89.4  | 3     |
| BOMBARDIER   | CL-601  | 42.10 | 36.00 | CF34-1A                      | 2   | 8.65   | 6.30 | 20    | 45 | 79.4                   | 84.9 | 89.4  | 3     |
| BOMBARDIER   | CL-601-1A   | 45.10 | 36.00 | CF-34-1A                     | 2   | 8.65   | 6.30 | 20    | 45 | 80.5                   | 84.6 | 90.1  | 3     |
| BOMBARDIER   | CL-601-3A   | 43.10 | 36.00 | CF-34-3A                     | 2   | 8.72   | 6.30 | 20    | 45 | 79.4                   | 85.9 | 89.4  | 3     |
| BOMBARDIER   | CL-601-3A   | 45.10 | 36.00 | CF-34-3A/3A2                 | 2   | 8.65   | 6.30 | 20    | 45 | 79.8                   | 85.7 | 90.1  | 3     |
| BOMBARDIER   | CL-601-3R   | 45.10 | 36.00 | CF-34-3A1                    | 2   | 9.22   | 6.00 | 20    | 45 | 79.8                   | 85.7 | 90.1  | 3     |
| BOMBARDIER   | CL-604  | 48.20 | 38.00 | GE CF34-3B                   | 2   | 8.72   | 6.30 | 20    | 45 | 81.2                   | 86.2 | 90.3  | 3     |
| BOMBARDIER   | CL-604  | 47.60 | 38.00 | GE CF34-3B                   | 2   | 8.72   | 6.30 | 20    | 45 | 80.9                   | 86.2 | 90.3  | 3     |
| CESSNA       | 500 CITATION  | 10.30 | 9.90  | JT15D-1                      | 2   | 2.20   | 3.30 | 15    | 40 | 76.4                   | 86.1 | 87.7  | 3     |
| CESSNA       | 500/501 CITATION I                                    | 11.80 | 11.30 | JT15D-1/-1A                  | 2   | 2.20   | 3.30 | 15    | 40 | 78.0                   | 86.2 | 87.9  | 3     |
| CESSNA       | 525 CESSNA JET  | 10.40 | 9.70  | FJ44-1A                      | 2   | 1.50   |      | 15    | 35 | 73.4                   | 83.7 | 92.1  | 3     |
| CESSNA       | 525A CITATION JET II (CJ-2)                           | 12.37 | 11.50 | FJ44-2C                      | 2   | 2.10   |      | 15    | 35 | 74.5                   | 88.8 | 91.4  | 3     |
| CESSNA       | 550 CITATION II                                       | 13.30 | 12.70 | JT15D-4                      | 2   | 2.50   | 2.68 | 15    | 40 | 80.1                   | 86.7 | 90.5  | 3     |
| CESSNA       | 550 CITATION Bravo                                    | 14.80 | 13.50 | PW530A                       | 2   | 2.20   |      | 15    | 40 | 73.7                   | 85.2 | 91.2  | 3     |
| CESSNA       | 550 CITATION II                                       | 14.10 | 13.50 | JT15D-4                      | 2   | 2.50   | 2.68 | 0     | 40 | 71.6                   | 86.4 | 90.5  | 3     |
| CESSNA       | 551 CITATION II                                       | 12.50 | 12.00 | JT15D-4                      | 2   | 2.50   | 2.68 | 15    | 40 | 80.1                   | 86.7 | 90.5  | 3     |
| CESSNA       | 552   | 15.50 | 14.30 | JT15D-5                      | 2   | 2.90   | 2.10 | 20    | 35 | 89.3                   | 94.7 | 88.5  | 3     |
| CESSNA       | 560 CITATION Ultra                                    | 16.30 | 15.20 | JT15D-5D                     | 2   | 2.30   |      | 7     | 35 | 82.9                   | 95.9 | 85.7  | 3     |
| CESSNA       | 560 CITATION V  | 15.90 | 15.20 | JT15D-5A                     | 2   | 2.90   | 2.10 | 7     | 35 | 83.7                   | 94.7 | 88.9  | 3     |
| CESSNA       | 560 CITATION V  | 16.30 | 15.20 | JT15D-5A                     | 2   | 2.90   | 2.10 | 7     | 35 | 84.6                   | 94.6 | 88.9  | 3     |
| CESSNA       | 560 ENCORE  | 16.63 | 15.20 | PW535A                       | 2   | 2.90   |      | 7     | 35 | 70.3                   | 89.9 | 90.5  | 3     |
| CESSNA       | 560XL EXCEL   | 20.00 | 18.70 | PW545A                       | 2   | 3.00   |      | 7     | 35 | 72.4                   | 85.3 | 93.1  | 3     |
| CESSNA       | 650 CITATION III                                      | 21.00 | 17.00 | TFE731-3B-100S               | 2   | 2.90   | 3.11 | 20    | 37 | 84.9                   | 92.5 | 92.4  | 3     |
| CESSNA       | 650 CITATION III                                      | 22.00 | 20.00 | TFE731-3B-100S               | 2   | 2.90   | 3.11 | 7     | 37 | 80.1                   | 92.4 | 93.8  | 3     |
| CESSNA       | 650 CITATION VI                                       | 22.45 | 20.00 | TFE731-3C-100S               | 2   | 2.90   |      | 7     | 40 | 82.2                   | 92.4 | 93.8  | 3     |
| CESSNA       | 650 CITATION VII                                      | 23.00 | 20.00 | TFE731-4R-3S                 | 2   | 3.20   |      | 7     | 40 | 78.9                   | 91.9 | 90.8  | 3     |
| CESSNA       | 750 CITATION X  | 35.70 | 31.80 | AE3007C                      | 2   | 5.00   | 5.30 | 15    | 35 | 72.3                   | 83.0 | 90.2  | 3     |
| CESSNA       | S550 CITATION S/II                                    | 14.70 | 14.00 | JT15D-4B                     | 2   | 2.50   | 2.68 | 20    | 35 | 87.9                   | 91.6 | 85.1  | 3     |
| CESSNA       | S550 CITATION S/II                                    | 15.10 | 14.40 | JT15D-4B                     | 2   | 2.50   | 2.68 | 7     | 35 | 80.0                   | 91.3 | 86.2  | 3     |
| DASSAULT     | FALCON 10   | 19.30 | 17.64 | TFE731-2-1C                  | 2   | 3.23   | 2.80 | 15    | 52 | 82.2                   | 86.2 | 95.2  | 3     |
| DASSAULT     | FALCON 200  | 32.00 | 27.60 | ATF3-6A-4C                   | 2   | 5.20   | 2.90 | 5     | 40 | 83.9                   | 89.0 | 93.9  | 3     |
| DASSAULT     | FALCON 200 (M5634)                                    | 32.00 | 28.88 | ATF3-6A-4C                   | 2   | 5.20   | 2.90 | 5     | 40 | 83.9                   | 89.0 | 94.2  | 3     |
| DASSAULT     | FALCON 2000   | 36.50 | 33.00 | CFE738-1-1B                  | 2   | 5.72   | 6.00 | 20    | 40 | 79.4                   | 86.4 | 93.1  | 3     |
| DASSAULT     | FALCON 20-Basic/D/E                                   | 28.66 | 27.32 | CF700-2D-2                   | 2   | 4.50   | 2.00 | 15    | 40 | 90.0                   | 92.3 | 101.7 | 2     |
| DASSAULT     | FALCON 20-Basic/D/E/F (M2851)                         | 28.66 | 27.32 | CF700-2D-2Q                  | 2   | 4.50   | 2.00 | 0     | 40 | 81.9                   | 94.0 | 99.7  | 3     |
| DASSAULT     | FALCON 20-C5/D5/E5 (M3500)                            | 29.10 | 27.73 | TFE731-5AR-2C                | 2   | 4.50   | 3.70 | 15    | 40 | 82.9                   | 88.4 | 90.7  | 3     |
| DASSAULT     | FALCON 20-C5/D5/E5 (M3530)                            | 29.10 | 27.73 | TFE-731-5BR-2C               | 2   | 4.80   | 3.70 | 15    | 40 | 80.3                   | 90.7 | 90.7  | 3     |
| DASSAULT     | FALCON 20-C5/D5/E5 (M3547)                            | 30.50 | 28.88 | TFE731-5BR-2C                | 2   | 4.80   | 3.70 | 15    | 40 | 82.9                   | 91.9 | 90.6  | 3     |
| DASSAULT     | FALCON 20-F (M1400)                                   | 28.66 | 27.32 | CF700-2D-2                   | 2   | 4.50   | 2.00 | 10    | 40 | 90.0                   | 92.3 | 103.0 | 2     |
| DASSAULT     | FALCON 20-F5 (M3500)                                  | 29.10 | 27.73 | TFE731-5AR-2C                | 2   | 4.50   | 3.70 | 10    | 40 | 81.8                   | 88.6 | 90.0  | 3     |
| DASSAULT     | FALCON 20-F5 (M3530)                                  | 29.10 | 27.73 | TFE-731-5BR-2C               | 2   | 4.80   | 3.70 | 10    | 40 | 79.3                   | 90.9 | 90.0  | 3     |
| DASSAULT     | FALCON 20-F5 (M3547)                                  | 30.50 | 28.88 | TFE731-5BR-2C                | 2   | 4.80   | 3.70 | 10    | 40 | 81.9                   | 92.1 | 90.3  | 3     |
| DASSAULT     | FALCON 20-G (M2500)                                   | 32.00 | 27.56 | ATF3-6-2C                    | 2   | 5.40   | 2.90 | 10    | 40 | 87.5                   | 88.3 | 95.9  | 3     |
| DASSAULT     | FALCON 50   | 38.80 | 35.72 | TFE731-3-1C                  | 3   | 3.70   | 2.80 | 20    | 48 | 84.3                   | 91.6 | 97.4  | 3     |
| DASSAULT     | FALCON 50 ( M1810)                                    | 40.79 | 35.72 | TFE731-40-1                  | 3   | 3.70   | 3.50 | 20    | 48 | 83.0                   | 92.7 | 95.2  | 3     |
| DASSAULT     | FALCON 50 (M1230)                                     | 40.78 | 35.71 | TFE731-3-1C                  | 3   | 3.70   | 2.80 | 20    | 48 | 84.8                   | 91.5 | 97.1  | 3     |
| DASSAULT     | FALCON 50 (M2193)                                     | 40.79 | 35.72 | TFE731-40-1                  | 3   | 3.70   | 3.50 | 20    | 48 | 83.8                   | 92.0 | 95.2  | 3     |
| DASSAULT     | FALCON 900  | 45.50 | 42.00 | TFE731-5AR-1C                | 3   | 4.75   | 3.70 | 20    | 40 | 81.9                   | 89.5 | 91.7  | 3     |
| DASSAULT     | FALCON 900 (M1196)                                    | 46.50 | 42.00 | TFE731-5AR-1C                | 3   | 4.75   | 3.70 | 20    | 40 | 82.9                   | 89.5 | 91.7  | 3     |
| DASSAULT     | FALCON 900B (M1200)                                   | 46.50 | 42.00 | TFE731-5BR-1C                | 3   | 4.75   | 3.70 | 20    | 40 | 80.7                   | 91.2 | 91.7  | 3     |
| DASSAULT     | FALCON 900EX (M3000)                                  | 49.00 | 44.50 | TFE731-60-1                  | 3   | 5.00   | 4.40 | 20    | 40 | 79.8                   | 90.5 | 92.3  | 3     |
| GULFSTREAM   | G100  | 24.65 | 20.70 | TFE731-40R-200G              | 2   | 4.25   | 2.90 | 25    | 40 | 79.1                   | 89.5 | 91.9  | 3     |

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Based on Advisory Circular AC36-1H

| MANUFACTURER    | MODEL                               | MTOW  | MLW   | ENGINE MODEL                | No. | THRUST | BPR  | FLAPS |    |      | NOISE LEVEL (EPNdB) |       |    | STAGE |
|-----------------|-------------------------------------|-------|-------|-----------------------------|-----|--------|------|-------|----|------|---------------------|-------|----|-------|
|                 |                                     |       |       |                             |     |        |      | TO    | AP |      | TO                  | SL    | AP |       |
| GULFSTREAM      | G200                                | 34.85 | 28.00 | PW306A                      | 2   | 6.04   | 4.50 | 25    | 40 | 81.4 | 85.8                | 92.7  | 3  |       |
| GULFSTREAM      | G200                                | 34.85 | 28.00 | PW306A                      | 2   | 6.04   | 4.50 | 25    | 40 | 81.4 | 85.8                | 90.9  | 3  |       |
| GULFSTREAM      | G-II GULFSTREAM                     | 62.00 | 58.50 | SPEY 511-8                  | 2   | 11.40  | 0.64 | 20    | 39 | 90.9 | 102.7               | 98.2  | 2  |       |
| GULFSTREAM      | G-II GULFSTREAM                     | 65.50 | 58.50 | SPEY 511-8                  | 2   | 11.40  | 0.64 | 10    | 39 | 92.5 | 103.0               | 98.3  | 2  |       |
| GULFSTREAM      | G-IIB/G-III                         | 69.70 | 58.50 | SPEY 511-8                  | 2   | 11.40  | 0.64 | 10    | 39 | 91.1 | 103.4               | 97.3  | 2  |       |
| GULFSTREAM      | G-IV                                | 73.20 | 58.50 | TAY 611-8                   | 2   | 13.85  | 3.00 | 10    | 39 | 76.8 | 87.3                | 91.0  | 3  |       |
| GULFSTREAM      | G-IV GULFSTREAM w/ASC 190           | 74.60 | 66.00 | TAY 611-8                   | 2   | 13.85  | 3.00 | 20    | 39 | 77.5 | 86.6                | 92.0  | 3  |       |
| GULFSTREAM      | G-V                                 | 90.50 | 75.30 | BR700-710A1-10              | 2   | 14.70  | 4.20 | 10    | 39 | 80.3 | 89.1                | 90.8  | 3  |       |
| ISRAEL AIRCRAFT | 1124 WESTWIND                       | 22.90 | 19.00 | TFE731-3-1G                 | 2   | 3.70   | 2.80 | 20    | 40 | 81.2 | 88.4                | 93.0  | 3  |       |
| ISRAEL AIRCRAFT | 1124A WESTWIND 2                    | 23.50 | 19.00 | TFE731-3-1G                 | 2   | 3.70   | 2.80 | 20    | 40 | 85.4 | 88.7                | 92.8  | 3  |       |
| ISRAEL AIRCRAFT | 1125 ASTRA                          | 24.70 | 20.70 | TFE731-3A-200G              | 2   |        |      | 12    | 40 | 84.1 | 89.7                | 89.8  | 3  |       |
| ISRAEL AIRCRAFT | 1125 ASTRA                          | 23.50 | 20.70 | TFE731-3A-200G              | 2   |        |      | 12    | 40 | 82.3 | 89.8                | 89.8  | 3  |       |
| ISRAEL AIRCRAFT | 1125 ASTRA SPX                      | 24.65 | 20.70 | TFE731-40R                  | 2   |        |      | 0     | 40 | 79.9 | 89.9                | 92.3  | 3  |       |
| ISRAEL AIRCRAFT | Galaxy                              | 34.85 | 28.00 | PW306A                      | 2   | 6.04   | 4.50 | 0     | 40 | 81.4 | 85.8                | 92.7  | 3  |       |
| LEARJET         | 23 Raisbeck MK II                   | 12.50 | 11.90 | CJ610-1/-4                  | 2   | 1.34   | 0.00 | 10    |    | 88.0 | 103.8               | 98.0  | 2  |       |
| LEARJET         | 24 Raisbeck MK II                   | 13.00 | 11.90 | CJ610-1/-4                  | 2   | 1.34   | 0.00 | 10    |    | 89.0 | 103.8               | 98.0  | 2  |       |
| LEARJET         | 24/24D                              | 13.50 | 11.90 | CJ610-6                     | 2   | 2.95   | 0.00 | 20    | 40 | 91.8 | 99.3                | 100.7 | 2  |       |
| LEARJET         | 24B/D Raisbeck MK II                | 13.50 | 11.88 | CJ610                       | 2   |        |      | 10    | 40 | 87.6 | 104.0               | 98.0  | 2  |       |
| LEARJET         | 24D                                 | 13.50 | 11.90 | CJ610-6                     | 2   | 2.95   | 0.00 | 20    | 40 | 91.8 | 99.3                | 101.7 | 2  |       |
| LEARJET         | 24D                                 | 13.50 | 11.90 | CJ610-6                     | 2   | 2.95   | 0.00 | 20    | 40 | 91.9 | 104.0               | 96.7  | 2  |       |
| LEARJET         | 24E                                 | 12.90 | 11.90 | CJ610-6                     | 2   | 2.95   | 0.00 | 8     | 40 | 84.3 | 103.9               | 95.3  | 2  |       |
| LEARJET         | 24F                                 | 13.50 | 11.90 | CJ610-6                     | 2   | 2.95   | 0.00 | 8     | 40 | 85.8 | 103.7               | 95.3  | 2  |       |
| LEARJET         | 24F-A                               | 12.50 | 11.90 | CJ610-6                     | 2   | 2.95   | 0.00 | 8     | 40 | 83.6 | 103.9               | 95.3  | 2  |       |
| LEARJET         | 25                                  | 16.00 | 13.30 | CJ610-6                     | 2   | 2.95   | 0.00 | 10    | 40 | 93.5 | 103.9               | 99.0  | 2  |       |
| LEARJET         | 25                                  | 15.00 | 13.30 | CJ610-6                     | 2   | 2.95   | 0.00 |       |    | 94.0 | 99.3                | 100.8 | 2  |       |
| LEARJET         | 25/25B/C Raisb MK II                | 15.00 | 13.30 | CJ610                       | 2   |        |      | 10    | 40 | 91.0 | 103.8               | 99.0  | 2  |       |
| LEARJET         | 25B/C/D/F XR Dee Hwd                | 16.30 | 13.30 | CJ610-6/8A                  | 2   | 2.95   | 0.00 | 10    | 40 | 93.5 | 103.9               | 99.0  | 2  |       |
| LEARJET         | 25C                                 | 15.00 | 13.30 | CJ610-6                     | 2   | 2.95   | 0.00 | 20    | 40 | 94.0 | 99.3                | 100.8 | 2  |       |
| LEARJET         | 25D                                 | 15.00 | 13.30 | CJ610-6                     | 2   | 2.95   | 0.00 | 20    | 40 | 94.0 | 99.3                | 102.7 | 2  |       |
| LEARJET         | 25D/25F                             | 15.00 | 13.30 | CJ610-6/8A                  | 2   | 2.95   | 0.00 | 8     | 40 | 90.1 | 103.7               | 95.2  | 2  |       |
| LEARJET         | 28/29                               | 15.00 | 14.30 | CJ610-8A                    | 2   | 2.95   | 0.00 | 8     | 40 | 87.0 | 99.7                | 101.7 | 2  |       |
| LEARJET         | 31                                  | 15.50 | 15.30 | TFE731-2-3B                 | 2   | 3.50   |      | 8     | 40 | 79.6 | 87.2                | 92.6  | 3  |       |
| LEARJET         | 31                                  | 16.50 | 15.30 | TFE731-2-3B                 | 2   | 3.50   |      | 8     | 40 | 81.0 | 87.0                | 92.6  | 3  |       |
| LEARJET         | 31A                                 | 17.00 | 15.30 | TFE731-2-3B                 | 2   | 3.50   |      | 8     | 40 | 81.9 | 86.9                | 92.8  | 3  |       |
| LEARJET         | 31A                                 | 17.00 | 16.00 | TFE731-2-3B                 | 2   | 3.50   |      | 8     | 40 | 82.9 | 86.8                | 93.1  | 3  |       |
| LEARJET         | 35/36                               | 18.00 | 14.30 | TFE731-2-2B                 | 2   | 3.50   | 2.64 | 20    | 40 | 84.5 | 87.9                | 92.2  | 3  |       |
| LEARJET         | 35/36                               | 17.00 | 14.30 | TFE731-2-2B                 | 2   | 3.50   | 2.64 | 20    | 40 | 84.0 | 86.9                | 92.2  | 3  |       |
| LEARJET         | 35A                                 | 18.00 | 14.30 | TFE731-2-2B                 | 2   | 3.50   | 2.64 | 8     | 40 | 83.6 | 87.4                | 91.3  | 3  |       |
| LEARJET         | 35A/36A                             | 18.00 | 14.30 | TFE731-2-2B                 | 2   | 3.50   | 2.64 | 8     | 40 | 78.7 | 87.4                | 91.3  | 3  |       |
| LEARJET         | 35A/36A                             | 18.30 | 15.30 | TFE731-2-2B                 | 2   | 3.50   | 2.64 | 8     | 40 | 79.2 | 86.7                | 91.4  | 3  |       |
| LEARJET         | 36A                                 | 18.30 | 15.30 | TFE731-2-2B                 | 2   | 3.50   | 2.64 | 20    | 40 | 83.9 | 87.8                | 91.4  | 3  |       |
| LEARJET         | 45                                  | 20.50 | 19.20 | TFE731-20R-1B or (-20AR-1B) | 2   |        |      | 8     | 40 | 74.4 | 85.2                | 93.4  | 3  |       |
| LEARJET         | 55                                  | 19.50 | 17.00 | TFE731-3A-2B                | 2   | 3.70   |      | 8     | 40 | 84.2 | 90.9                | 90.6  | 3  |       |
| LEARJET         | 55                                  | 21.00 | 17.00 | TFE731-3A-2B                | 2   | 3.70   |      | 8     | 40 | 85.5 | 90.7                | 90.6  | 3  |       |
| LEARJET         | 55B                                 | 21.50 | 18.00 | TFE731-3A-2B                | 2   | 3.70   |      | 20    | 40 | 86.3 | 90.7                | 91.0  | 3  |       |
| LEARJET         | 55C                                 | 21.50 | 17.00 | TFE731-3AR-3B               | 2   | 3.90   | 2.90 | 20    | 40 | 87.0 | 91.4                | 92.4  | 3  |       |
| LEARJET         | 55C                                 | 21.00 | 17.00 | TFE731-3AR-3B               | 2   | 3.90   | 2.90 | 20    | 40 | 86.7 | 91.5                | 92.4  | 3  |       |
| LEARJET         | 55C                                 | 21.50 | 18.00 | TFE731-3AR-2B               | 2   | 3.90   | 2.90 | 20    | 40 | 86.7 | 90.9                | 92.4  | 3  |       |
| LEARJET         | 55C                                 | 21.00 | 18.00 | TFE731-3AR-2B               | 2   | 3.90   | 2.90 | 20    | 40 | 86.2 | 91.0                | 92.4  | 3  |       |
| LEARJET         | 60                                  | 23.10 | 19.50 | PW305A                      | 2   | 4.67   |      | 8     | 40 | 70.8 | 83.1                | 87.7  | 3  |       |
| LEARJET         | 60                                  | 23.50 | 19.50 | PW305A                      | 2   | 4.67   |      | 8     | 40 | 70.8 | 83.2                | 87.7  | 3  |       |
| LOCKHEED        | 1329-23 (AIRESEARCH)                | 43.80 |       | TFE731-3-1E                 | 4   | 3.70   | 2.80 | 20    | 59 | 92.7 | 88.1                | 96.9  | 2  |       |
| LOCKHEED        | 1329-23A/D/E (STAR 3 STC ST00258SE) | 44.25 | 36.00 | TFE731-3-1R                 | 4   | 3.70   | 2.80 | 20    | 59 | 85.2 | 90.7                | 96.9  | 3  |       |
| LOCKHEED        | 1329-25 (AIRESEARCH)                | 44.50 | 36.00 | TFE731-3                    | 4   | 3.70   | 2.80 |       |    | 93.1 | 88.1                | 96.9  | 2  |       |
| LOCKHEED        | 1329-25 (STAR 3 STC# ST00259SE)     | 44.50 | 36.00 | TFE731-3-1R                 | 4   | 3.70   | 2.80 | 20    | 59 | 85.4 | 90.7                | 96.9  | 3  |       |
| MITSUBISHI      | MU-300 (DIAMOND I)                  | 14.10 | 13.20 | JT15D-4                     | 2   | 2.50   | 2.68 | 10    | 30 | 86.3 | 88.0                | 85.8  | 3  |       |
| MITSUBISHI      | MU-300 (DIAMOND I)                  | 15.50 | 13.20 | JT15D-4D                    | 2   | 2.50   | 2.68 | 0     | 30 | 81.2 | 88.4                | 85.8  | 3  |       |
| MITSUBISHI      | MU-300-10 (DIAM. II)                | 15.78 | 14.22 | JT15D-5                     | 2   | 2.90   | 2.10 | 10    | 30 | 88.6 | 93.7                | 91.4  | 3  |       |
| RAYTHEON        | 390 PREMIER                         | 12.50 | 11.60 | FJ44-2A                     | 2   | 2.30   |      | 0     | 30 | 76.6 | 87.9                | 92.0  | 3  |       |
| RAYTHEON        | C-29A                               | 28.00 | 23.35 | TFE731-5R-1H                | 2   | 4.30   | 3.30 | 0     | 45 | 81.4 | 87.3                | 95.8  | 3  |       |

Noise Levels for Business Jets

Based on Advisory Circular AC36-1H

| MANUFACTURER | MODEL               | MTOW  | MLW   | ENGINE MODEL | No. | THRUST |      | FLAPS |    | NOISE LEVEL<br>(EPNdB) |       |       | STAGE |
|--------------|---------------------|-------|-------|--------------|-----|--------|------|-------|----|------------------------|-------|-------|-------|
|              |                     |       |       |              |     | 1000#  | BPR  | TO    | AP | TO                     | SL    | AP    |       |
| RAYTHEON     | HAWKER 125- 1A      | 21.70 | 19.60 | TFE731-3-1H  | 2   | 3.70   | 2.70 | 0     | 45 | 84.2                   | 90.0  | 96.0  | 3     |
| RAYTHEON     | HAWKER 125- 1A      | 21.20 | 19.60 | TFE731-3-1H  | 2   | 3.70   | 2.70 | 0     | 45 | 83.4                   | 90.1  | 96.0  | 3     |
| RAYTHEON     | HAWKER 125- 3A      | 21.70 | 20.00 | TFE731-3-1H  | 2   | 3.70   | 2.70 | 0     | 45 | 84.2                   | 90.0  | 96.3  | 3     |
| RAYTHEON     | HAWKER 125- 3A/RA   | 23.60 | 20.00 | TFE731-3-1H  | 2   | 3.70   | 2.70 | 0     | 45 | 85.5                   | 89.8  | 95.7  | 3     |
| RAYTHEON     | HAWKER 125- 400A    | 23.60 | 20.00 | TFE731-3-1H  | 2   | 3.70   | 2.70 | 0     | 45 | 85.5                   | 89.8  | 95.7  | 3     |
| RAYTHEON     | HAWKER 125- 600A    | 25.50 | 22.00 | TFE731-3-1H  | 2   | 3.70   | 2.70 | 0     | 45 | 88.0                   | 89.2  | 96.3  | 3     |
| RAYTHEON     | HAWKER 125- 600A    | 25.50 | 22.00 | VIPER 601-22 | 2   | 3.65   | 0.00 | 0     | 45 | 92.3                   | 99.2  | 102.9 | 2     |
| RAYTHEON     | HAWKER 125- 700A    | 25.50 | 22.00 | TFE731-3-1H  | 2   | 3.70   | 2.70 | 0     | 45 | 91.6                   | 92.1  | 96.0  | 2     |
| RAYTHEON     | HAWKER 125- 700A    | 25.50 | 22.00 | TFE731-3-1H  | 2   | 3.70   | 2.70 | 0     | 45 | 88.0                   | 89.2  | 96.3  | 3     |
| RAYTHEON     | HAWKER 125- 800     | 27.40 | 23.35 | TFE731-5R-1H | 2   | 4.30   | 3.30 | 0     | 45 | 80.9                   | 87.2  | 96.5  | 3     |
| RAYTHEON     | HAWKER 125- 800A    | 27.40 | 23.35 | TFE731-5R-1H | 2   | 4.30   | 3.30 | 0     | 45 | 80.9                   | 89.6  | 96.5  | 3     |
| RAYTHEON     | HAWKER 125-1000     | 31.00 | 25.00 | PW305        | 2   | 5.20   | 4.50 | 0     | 25 | 81.8                   | 85.9  | 91.6  | 3     |
| RAYTHEON     | HAWKER 125-1000     | 35.50 | 28.50 | PW305        | 2   | 5.20   | 4.50 | 0     | 25 | 85.7                   | 85.3  | 92.0  | 3     |
| SABRELINER   | SABRELINER 40       | 17.50 | 14.00 | JT12A-8      | 2   | 3.30   |      | 0     | 25 | 89.7                   | 100.4 | 97.5  | 2     |
| SABRELINER   | SABRELINER 40       | 20.20 | 17.50 | JT12A-8      | 2   | 3.30   |      | 0     | 25 | 94.5                   | 100.1 | 98.4  | 2     |
| SABRELINER   | SABRELINER 60       | 20.20 |       | JT12A-8      | 2   | 3.30   |      |       | 24 | 95.0                   | 100.3 | 98.5  | 2     |
| SABRELINER   | SABRELINER 60A/60SC | 22.70 | 20.60 | JT12A-8      | 2   | 3.30   |      | 0     |    | 94.4                   | 100.0 | 102.2 | 2     |
| SABRELINER   | SABRELINER 65       | 24.00 | 21.80 | TFE731-3R    | 2   | 3.70   | 2.80 |       |    | 84.0                   | 93.0  | 90.6  | 3     |
| SABRELINER   | SABRELINER 65       | 22.70 | 21.80 | TFE731-3R    | 2   | 3.70   | 2.80 | 0     | 36 | 82.3                   | 93.1  | 90.6  | 3     |
| SABRELINER   | SABRELINER 75A      | 23.00 |       | CF700-2D-2   | 2   | 4.50   | 2.00 | 15    | 25 | 90.7                   | 91.3  | 100.2 | 2     |
| SABRELINER   | SABRELINER 80       | 23.30 | 22.00 | CF700-2D-2   | 2   | 4.50   | 2.00 |       |    | 90.7                   | 91.3  | 100.2 | 2     |
| SABRELINER   | SABRELINER 80A/80SC | 25.50 | 22.00 | CF700-2D-2   | 2   | 4.50   | 2.00 | 0     |    | 91.2                   | 91.4  | 101.1 | 2     |