



# ICAO Noise Data Base

ID:BAE\_10187

## MANUFACTURER AND MANUFACTURER'S DESIGNATION OF AIRCRAFT

Manufacturer BAE Systems  
Commercial name  
Type HS748 Version 2A

## ENGINE

Type Dart 534-2  
Number of Engines 2  
Nacelle  
Propeller CR.212/4-30-4/22  
Power  
Number of blades  
Maximum Take-Off Mass 21092 (Kg) Slats/Flaps /  
Maximum Landing Mass 19504 (Kg) Slats/Flaps 27,5/

## NOISE CERTIFICATION STANDARD

Noise Regulation ICAO Annex 16, Volume I  
Chapter or Stage 3

## MODIFICATIONS

|                          | Aircraft                                  | Engine  |
|--------------------------|---|---|
| Modification Number      | 6408 or 6517                              | RR Mod. 1860  |
| Modification Description | BAe Intake hushkit (RR Modification 1800) | Modifications to engine compressor and turbine assemblies |

|                     | Lateral/Full-Power | Approach | Flyover |
|---------------------|--------------------|----------|---------|
| Noise Level (EPNdB) | 93.3               | 92.8     | 88.7    |
| Noise Limit (EPNdB) | 94                 | 98       | 89      |
| Margin (EPNdB)      | 0.7                | 5.2      | 0.3     |

Cumulative Margin (EPNdB) **6.20**

Remarks EASA record Id B98

Date of Certification 24/06/99 Certification Authority EASA