TYPE-CERTIFICATE
DATA SHEET FOR NOISE

No. EASA.A.062

for

MF50, MF900, F900EX

Type Certificate Holder:
Dassault Aviation
9 Rond Point Marcel Dassault
75008 PARIS
France

For models:    Falcon 900EX
               Mystere Falcon 50
               Mystere Falcon 900
### Type Certificate Holder

**Dassault Aviation**

### Aircraft Type Designation

**Falcon 900EX**

#### Engine Manufacturer

**Allied Signal**

#### Engine Type Designation

**TFE731-60(-1C)**

### Additional modifications essential to meet the requirements or needed to attain the certificated noise levels

**M3000 (Engine retrofit)**

### Noise Certification Basis

**ICAO Annex 16, Volume I**

**Edition / Amendment**

**Edition 3 / Amendment 4**

**Chapter**

<table>
<thead>
<tr>
<th>EASA Record No.</th>
<th>Maximum Mass</th>
<th>Lateral EPNL</th>
<th>Flyover EPNL</th>
<th>Approach EPNL</th>
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### See Note

1. See Note 1.
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See Note 1.
Type Certificate Holder 1  |  Dassault Aviation
---|---
Aircraft Type Designation 1  |  Falcon 900EX  
(Commercial Designation  
Falcon 900EX EASy)
Engine Manufacturer 1  |  Allied Signal
Engine Type Designation 1  |  TFE731-60(-1C)

Additional modifications essential to meet the requirements or needed to attain the  
certificated noise levels 1

Noise Certification Basis  |  ICAO Annex 16, Volume I  
Edition / Amendment  |  Edition 3 / Amendment 4
Chapter  |  3

<table>
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1 See Note 1.
Type Certificate Holder¹  | Dassault Aviation  
Engine Manufacturer¹  | Allied Signal  
Aircraft Type Designation¹  | Falcon 900EX  
(Commercial Designation  | Falcon 900EX EASy)  
Engine Type Designation¹  | TFE731-60(-1C)  

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹  
M3000 (Engine retrofit), M3083, M5393 (EASy cockpit - AFM Revision 7 (or higher), Extension to chapter 4 noise limits for F900EX and F900EX EASy version)  

Noise Certification Basis  | ICAO Annex 16, Volume I  
Edition / Amendment  | Edition 4 / Amendment 8  
Chapter¹  | 4  

<table>
<thead>
<tr>
<th>EASA Record No.</th>
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¹ See Note 1.
Type Certificate Holder: Dassault Aviation  
Aircraft Type Designation: Falcon 900EX  
(Commercial Designation: Falcon 900DX)

Engine Manufacturer: Allied Signal  
Engine Type Designation: TFE731-60(-1C)

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels:
- M3000 (Engine retrofit), M4000 (F900DX Definition)

Noise Certification Basis: ICAO Annex 16, Volume I  
Edition / Amendment: Edition 3 / Amendment 7  
Chapter: 4

<table>
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<tr>
<th>EASA Record No.</th>
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1 See Note 1.
### Type Certificate Holder
- **Dassault Aviation**

### Aircraft Type Designation
- **Falcon 900EX**
  - (Commercial Designation: Falcon 900DX)

### Engine Manufacturer
- **Allied Signal**

### Aircraft Type Designation
- **TFE731-60(-1C)**

### Additional modifications essential to meet the requirements or needed to attain the certificated noise levels
- **M5051, M4000 (MRW, MTOW AND MLW INCREASE)**

### Noise Certification Basis
- **ICAO Annex 16, Volume I**

### Edition / Amendment
- **Edition 4 / Amendment 8**

### Chapter
- **4**

### EASA Record No.

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1 See Note 1.
Type Certificate Holder¹ | Dassault Aviation
---|---
Engine Manufacturer¹ | Allied Signal
Aircraft Type Designation¹ | Falcon 900EX
(Commercial Designation | Falcon 900LX)
Engine Type Designation¹ | TFE731-60(-1C)

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

Noise Certification Basis | ICAO Annex 16, Volume I
Edition / Amendment | Edition 5 / Amendment 9
Chapter¹ | 4

<table>
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¹ See Note 1.
Type Certificate Holder\(^1\)  | Dassault Aviation 
---|---
Engine Manufacturer\(^1\)  | Allied Signal 
Aircraft Type Designation\(^1\)  | Mystere Falcon 50 
Engine Type Designation\(^1\)  | TFE731-3(-1C) 

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels\(^1\)  | None 

Noise Certification Basis  | ICAO Annex 16, Volume I 
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Chapter\(^1\)  | 3 

<table>
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<th>EASA Record No.</th>
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\(^1\) See Note 1.
Type Certificate Holder: Dassault Aviation

Aircraft Type Designation: Mystere Falcon 50
(Commercial Designation: Falcon 50EX)

Engine Manufacturer: Allied Signal

Engine Type Designation: TFE731-40(-1C)

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels: M1810, M2193 (Engine retrofit, thrust increase)

Noise Certification Basis: ICAO Annex 16, Volume I
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Chapter: 3

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\(^\d\) See Note 1.

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¹ See Note 1.
### Type Certificate Holder
Dassault Aviation

### Aircraft Type Designation
Mystere Falcon 900

### Engine Manufacturer
Allied Signal

### Engine Type Designation
TFE731-5AR(-1C)

### Additional modifications essential to meet the requirements or needed to attain the certificated noise levels
None

### Noise Certification Basis
ICAO Annex 16, Volume I

### Edition / Amendment
Edition 1 / Amendment 2

### Chapter
3

<table>
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1 See Note 1.
Type Certificate Holder\(^1\) Dassault Aviation  
Aircraft Type Designation\(^2\) Mystere Falcon 900  
(Commercial Designation Falcon 900B)  
Engine Manufacturer\(^1\) Allied Signal  
Engine Type Designation\(^1\) TFE731-5BR(-1C)  
Additional modifications essential to meet the requirements or needed to attain the certificated noise levels\(^1\) M1200, M1548 (Installation of TFE731-5BR-1C engines)  
Noise Certification Basis ICAO Annex 16, Volume I  
Edition / Amendment Edition 1 / Amendment 3  
Chapter\(^1\) 3

<table>
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\(^1\) See Note 1.
Type Certificate Holder: Dassault Aviation

Aircraft Type Designation: Mystere Falcon 900
(Commercial Designation: Falcon 900C)

Engine Manufacturer: Allied Signal

Engine Type Designation: TFE731-5BR(-1C)

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels:
M1975 or M2695 (Primus 2000 avionics)

Noise Certification Basis: ICAO Annex 16, Volume I
Edition / Amendment: Edition 1 / Amendment 3
Chapter: 3

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¹ See Note 1.
**TCDSN EASA.A.062 Notes**

1. In cases where it is appropriate to issue a noise certificate, items so marked shall be included on EASA Form 45.
2. Aircraft with AFM Revision 7 (or higher) have M5393 embodied.
3. Aircraft with AFM Revision 9 (or higher) have M5393 embodied.
4. M4000, Decrease in MTOW.
5. Aircraft with AFM Revision 9 (or higher) have M2984 (Take-off configuration SFO) embodied.
6. M1230, Increase in MTOW.
7. M1196, Increase in MTOW.
## Change Record

<table>
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<td>08 January 2007</td>
<td>Initial Issue</td>
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<tr>
<td>Issue 2</td>
<td>23 January 2008</td>
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<td>05 February 2008</td>
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<td>15 October 2009</td>
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<td>Issue 5</td>
<td>20 November 2009</td>
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<td>Issue 6</td>
<td>05 August 2010</td>
<td>Model Falcon 900LX introduced</td>
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<td>Issue 7</td>
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<td>Added modification M5081</td>
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<td>Issue 8</td>
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