



TYPE-CERTIFICATE DATA SHEET FOR NOISE

No. EASA.A.008

for

Falcon 2000

Type Certificate Holder:

Dassault Aviation

9 Rond Point Marcel Dassault

75008 PARIS

France

For models: Falcon 2000
Falcon 2000EX



INTENTIONALLY LEFT BLANK



Type Certificate Holder¹ **Dassault Aviation** Aircraft Type Designation¹ **Falcon 2000**

Engine Manufacturer¹ **CFE Company** Engine Type Designation¹ **CFE738-1-1B**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **None**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 2 / Amendment 3** Chapter¹ **3**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A6299	16,556	15,648	86.4	94.0	79.4	89.0	93.1	98.0	4
A8	16,556	14,968	86.4	94.0	79.4	89.0	93.1	98.0	5

¹ See Note 1.



Type Certificate Holder¹ **Dassault Aviation** Aircraft Type Designation¹ **Falcon 2000**

Engine Manufacturer¹ **CFE Company** Engine Type Designation¹ **CFE738-1-1B**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **M3 (Dee Howard TR-600 thrust reverser)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 2 / Amendment 3** Chapter¹ **3**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A9	16,556	14,968	86.4	94.0	79.4	89.0	93.1	98.0	5

¹ See Note 1.



Type Certificate Holder¹ **Dassault Aviation** Aircraft Type Designation¹ **Falcon 2000**

Engine Manufacturer¹ **CFE Company** Engine Type Designation¹ **CFE738-1-1B**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **AFM Revision 11(or higher) (Recertification to Chapter 4)**

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

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A10953	16,556	15,648	86.4	94.0	79.4	89.0	93.1	98.0	2
A7013	16,556	14,968	86.4	94.0	79.4	89.0	93.1	98.0	3

¹ See Note 1.



Type Certificate Holder¹ **Dassault Aviation** Aircraft Type Designation¹ **Falcon 2000EX**

Engine Manufacturer¹ **Pratt & Whitney Canada** Engine Type Designation¹ **PW308C**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **None**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 3 / Amendment 7** Chapter¹ **3**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A12	19,142	17,826	91.7	94.0	80.7	89.0	91.0	98.0	14
A11	18,734	17,826	91.7	94.0	79.8	89.0	91.0	98.0	15
A10	18,461	17,373	91.8	94.0	79.1	89.0	90.9	98.0	16

¹ See Note 1.



Type Certificate Holder¹ **Dassault Aviation** Aircraft Type Designation¹ **Falcon 2000EX**

Engine Manufacturer¹ **Pratt & Whitney Canada** Engine Type Designation¹ **PW308C**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **M2286 (Block change)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 3 / Amendment 7** Chapter¹ **3**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A3265	19,142	17,826	91.7	94.0	80.7	89.0	91.0	98.0	14
A6729	18,734	17,826	91.7	94.0	79.8	89.0	91.0	98.0	15

¹ See Note 1.



Type Certificate Holder¹ **Dassault Aviation** Aircraft Type Designation¹ **Falcon 2000EX**
 (Commercial Designation) **Falcon 2000 EX EASy)**

Engine Manufacturer¹ **Pratt & Whitney Canada** Engine Type Designation¹ **PW308C**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **M2286 (Block change), M1691, AFM Revision 7 (or higher) (Definition of F2000EX EASy, Recertification to Chapter 4)**

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

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A6726	19,142	17,826	91.7	94.0	80.7	89.0	91.0	98.0	6
A6730	18,734	17,826	91.7	94.0	79.8	89.0	91.0	98.0	7

¹ See Note 1.



Type Certificate Holder¹ **Dassault Aviation** Aircraft Type Designation¹ **Falcon 2000EX**
(Commercial Designation) **Falcon 2000 EX EASy**

Engine Manufacturer¹ **Pratt & Whitney Canada** Engine Type Designation¹ **PW308C**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **M2286 (Block change), M1691, AFM Revision 7 (or higher), M3622 (Definition of F2000EX EASy, Recertification to Chapter 4, increase of MTOW & SF1 flaps/slats setting)**

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

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A19119	19,414	17,826	91.4	94.0	78.1	89.0	91.0	98.0	6

¹ See Note 1.



Type Certificate Holder¹ **Dassault Aviation** Aircraft Type Designation¹ **Falcon 2000EX**
(Commercial Designation) **Falcon 2000 DX)**

Engine Manufacturer¹ **Pratt & Whitney Canada** Engine Type Designation¹ **PW308C**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **M3000 (Fuel tank reduction)**

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

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A6685	18,597	17,826	91.7	94.0	76.7	89.0	91.0	98.0	8

¹ See Note 1.



Type Certificate Holder¹ **Dassault Aviation** Aircraft Type Designation¹ **Falcon 2000EX**

Engine Manufacturer¹ **Pratt & Whitney Canada** Engine Type Designation¹ **PW308C**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **M2286 (Block change), AFM Revision 7 (or higher) (Recertification to Chapter 4)**

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

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A6732	19,142	17,826	91.7	94.0	80.7	89.0	91.0	98.0	6
A6731	18,734	17,826	91.7	94.0	79.8	89.0	91.0	98.0	7

¹ See Note 1.



Type Certificate Holder¹ **Dassault Aviation** Aircraft Type Designation¹ **Falcon 2000EX**
(Commercial Designation) **Falcon 2000 LX)**

Engine Manufacturer¹ **Pratt & Whitney Canada** Engine Type Designation¹ **PW308C**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **M2286 (Block change), M2846 (Winglets)**

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

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A16719	19,414	17,826	91.6	94.0	76.1	89.0	90.8	98.0	9
A10765	19,142	17,826	91.7	94.0	80.7	89.0	91.0	98.0	10
A10766	18,734	17,826	91.7	94.0	79.8	89.0	91.0	98.0	11

¹ See Note 1.



Type Certificate Holder¹ **Dassault Aviation** Aircraft Type Designation¹ **Falcon 2000EX**
(Commercial Designation) **Falcon 2000 LXS)**

Engine Manufacturer¹ **Pratt & Whitney Canada** Engine Type Designation¹ **PW308C**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **M2286 (Block change), M2846, M5000 (Winglets, Installation of F900 Series inboard moveable slats)**

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

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A18889	19,414	17,826	92.0	94.0	79.3	89.0	90.5	98.0	-

¹ See Note 1.



Type Certificate Holder¹ **Dassault Aviation** Aircraft Type Designation¹ **Falcon 2000EX**
(Commercial Designation) **Falcon 2000 S)**

Engine Manufacturer¹ **Pratt & Whitney Canada** Engine Type Designation¹ **PW308C**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **M2286 (Block change), M2846, M5001 (Winglets, Installation of F900 Series inboard moveable slats and Fuel tank reduction)**

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

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A18894	18,597	17,826	92.0	94.0	78.0	89.0	90.5	98.0	12

¹ See Note 1.



Type Certificate Holder¹ **Dassault Aviation** Aircraft Type Designation¹ **Falcon 2000EX**
 (Commercial Designation) **Falcon 2000 S)**

Engine Manufacturer¹ **Pratt & Whitney Canada** Engine Type Designation¹ **PW308C**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **M2286 (Block change), M2846, M5001, M5010 (Winglets, Installation of F900 Series inboard moveable slats and Fuel tank reduction, PW308C Engine emission reduction)**

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

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A18896	18,597	17,826	92.0	94.0	78.0	89.0	90.5	98.0	13

¹ See Note 1.



Type Certificate Holder ¹	Dassault Aviation	Aircraft Type Designation ¹ (Commercial Designation)	Falcon 2000EX Falcon 2000 S)
Engine Manufacturer ¹	Pratt & Whitney Canada	Engine Type Designation ¹	PW308C
Additional modifications essential to meet the requirements or needed to attain the certificated noise levels ¹		M2286 (Block change), M2846, M5001, M5010, M5028 (Winglets, Installation of F900 Series inboard moveable slats and Fuel tank reduction, PW308C Engine emission reduction, SF1 Take off performance)	
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Edition 6 / Amendment 10 Chapter ¹ 4

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A18951	18,597	17,826	91.8	94.0	75.1	89.0	90.5	98.0	-

¹ See Note 1.



Type Certificate Holder ¹	Dassault Aviation	Aircraft Type Designation ¹ (Commercial Designation)	Falcon 2000EX Falcon 2000 S
Engine Manufacturer ¹	Pratt & Whitney Canada	Engine Type Designation ¹	PW308C
Additional modifications essential to meet the requirements or needed to attain the certificated noise levels ¹		M2286 (Block change), M2846, M5001, M5028 (Winglets, Installation of F900 Series inboard moveable slats and Fuel tank reduction, SF1 Take off performance)	
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Edition 6 / Amendment 10 Chapter ¹ 4

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A18952	18,597	17,826	91.8	94.0	75.1	89.0	90.5	98.0	-

¹ See Note 1.



Type Certificate Holder¹ **Dassault Aviation** Aircraft Type Designation¹ **Falcon 2000EX**
 (Commercial Designation) **Falcon 2000 LXS)**

Engine Manufacturer¹ **Pratt & Whitney Canada** Engine Type Designation¹ **PW308C**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **M2286 (Block change), M2846, M5000, M5010 (Winglets, Installation of F900 Series inboard moveable slats, PW308C Engine emission reduction)**

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

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A18895	19,414	17,826	92.0	94.0	79.3	89.0	90.5	98.0	-

¹ See Note 1.



Type Certificate Holder ¹	Dassault Aviation	Aircraft Type Designation ¹ (Commercial Designation)	Falcon 2000EX Falcon 2000 LXS)
Engine Manufacturer ¹	Pratt & Whitney Canada	Engine Type Designation ¹	PW308C
Additional modifications essential to meet the requirements or needed to attain the certificated noise levels ¹		M2286 (Block change), M2846, M5000, M5010, M5028 (Winglets, Installation of F900 Series inboard moveable slats, PW308C Engine emission reduction, SF1 Take off performance)	
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Edition 6 / Amendment 10 Chapter ¹ 4

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A18950	19,414	17,826	91.7	94.0	76.4	89.0	90.5	98.0	-

¹ See Note 1.



Type Certificate Holder¹ **Dassault Aviation** Aircraft Type Designation¹ **Falcon 2000EX**
(Commercial Designation) **Falcon 2000 LXS)**

Engine Manufacturer¹ **Pratt & Whitney Canada** Engine Type Designation¹ **PW308C**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **M2286 (Block change), M2846, M5000, M5028 (Winglets, Installation of F900 Series inboard moveable slats, SF1 Take off performance)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 6 / Amendment 10** Chapter¹ **4**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A18953	19,414	17,826	91.7	94.0	76.4	89.0	90.5	98.0	-

¹ See Note 1.



TCDSN EASA.A.008 Notes

1. In cases where it is appropriate to issue a noise certificate, items so marked shall be included on EASA Form 45.
2. M57, Increase in MTOW. M1190, Increase in MLW. Aircraft with AFM Revision 11 (or higher) have M3043 embodied.
3. M57, Increase in MTOW. Aircraft with AFM Revision 11 (or higher) have M3043 embodied.
4. M57, Increase in MTOW. M1190, Increase in MLW.
5. M57, Increase in MTOW.
6. M1826 and M1842, Increase in MTOW and MLW. Aircraft with AFM Revision 7 (or higher) have M2422 embodied.
7. M1826, Increase in MTOW and MLW. Aircraft with AFM Revision 7 (or higher) have M2422 embodied.
8. M3000, Decrease in MTOW (Definition of F2000DX).
9. M3390, Increase in MTOW. Definition of F2000LX includes embodiment of M2846, (blended winglets) and M3229 (new slats).
10. M1826 and M1842, Increase in MTOW and MLW. Definition of F2000LX includes embodiment of M2846, (blended winglets) and M3229 (new slats).
11. M1826, Increase in MTOW and MLW. Definition of F2000LX includes embodiment of M2846, (blended winglets) and M3229 (new slats).
12. M5001 includes M5000 (installation of F900 Series inboard moveable slats) and M3000 (fuel tank reduction)
13. Definition of F2000 S includes embodiment of M2846, (blended winglets) and M5001. M5001 includes M5000 (installation of F900 Series inboard moveable slats) and M3000 (fuel tank reduction)
14. M1826 and M1842, Increase in MTOW and MLW.
15. M1826, Increase in MTOW and MLW.
16. M1802, Re-engined Falcon 2000.

Change Record

Issue	Date	Changes
Issue 1	08 January 2007	Initial Issue
Issue 2	30 April 2007	Revised
Issue 3	23 November 2007	Revised
Issue 4	15 January 2008	Revised
Issue 5	23 July 2008	Revised
Issue 6	15 October 2009	Revised
Issue 7	07 September 2010	Records A6726 and A6730: modification field updated
Issue 8	26 January 2011	Records A10953 & A7013: Edition/amendment updated
Issue 9	01 March 2012	Records 16719 added
Issue 10	11 April 2013	Added M5000, M5001 and M5010 modifications
Issue 11	29 April 2016	Added M5028 and M3622 modifications

-END-

