



TYPE-CERTIFICATE DATA SHEET FOR NOISE

No. EASA.A.155

for

Falcon 7X

Type Certificate Holder:

Dassault Aviation

9 Rond Point des Champs-Élysées Marcel-Dassault

75008 PARIS

France

For models:

Falcon 7X



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Type Certificate Holder¹ **Dassault Aviation** Aircraft Type Designation¹ **Falcon 7X**

Engine Manufacturer¹ **Pratt & Whitney Canada Corp.** Engine Type Designation¹ **PW307A**

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

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	
A9807	31,751	28,304	90.1	94.0	82.3	89.6	92.6	98.0	2
A5655	31,298	28,304	90.4	94.0	83.7	89.5	92.6	98.0	-

¹ See Note 1.



Type Certificate Holder¹ **Dassault Aviation** Aircraft Type Designation¹ **Falcon 7X**

Engine Manufacturer¹ **Pratt & Whitney Canada Corp.** Engine Type Designation¹ **PW307A**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **M0192 (Take-off configuration SF1)**

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	
A9806	31,298	28,304	90.1	94.0	81.9	89.5	92.6	98.0	-

¹ See Note 1.



Type Certificate Holder¹ **Dassault Aviation** Aircraft Type Designation¹ **Falcon 7X**
(Commercial Designation **Falcon 8X)**

Engine Manufacturer¹ **Pratt & Whitney Canada Corp.** Engine Type Designation¹ **PW307D**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **M1000 (Fuselage stretch modification)**

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	
A19127	33,112	28,304	88.9	94.0	81.5	89.9	90.6	98.0	-

¹ See Note 1.



Type Certificate Holder¹ **Dassault Aviation** Aircraft Type Designation¹ **Falcon 7X**
 (Commercial Designation **Falcon 8X)**

Engine Manufacturer¹ **Pratt & Whitney Canada Corp.** Engine Type Designation¹ **PW307D**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **M1000, M1749 (Fuselage stretch modification, Take-off configuration SF1)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 7 / Amendment 11-B** 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	
A19227	33,112	28,304	88.7	94.0	80.1	89.9	90.6	98.0	-

¹ See Note 1.



CS-36 Amendment level

ICAO, Annex 16, Volume I Amendment level	7	8	9	10	11-B	12	13
Corresponding CS-36 Amendment level	Initial	1	2	3	4	5	6

TCDSN EASA.A.155 Notes

1. In cases where it is appropriate to issue a noise certificate, items so marked shall be included on EASA Form 45.
2. M0826, Increase in MTOW.



Change Record

Issue	Date	Changes
Issue 1	09 May 2007	Initial Issue
Issue 2	21 November 2008	Revised
Issue 3	15 October 2009	Revised
Issue 4	24 June 2016	Record A19127 added
Issue 5	28 March 2017	Noise levels of record A19127 updated for new SF1 configuration on take-off.
Issue 6	27 February 2018	Revised
Issue 7	12 May 2020	Revised
Issue 8	6 October 2023	Amendment level corrected for record A19227

