

TYPE-CERTIFICATE DATA SHEET FOR NOISE

No. EASA.A.155

for

Falcon 7X

Type Certificate Holder: Dassault Aviation 9 Rond Point des Champs-Elysées Marcel-Dassault 75008 PARIS France

For models: Falcon 7X



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TCDSN No.: EASA.A.155 Issue: 8					Page 3 of 8 Date: 06 October 2023
Type Certificate Holder ¹	Dassault Aviation		Aircraft Type Designation ¹	Falcon 7X	
Engine Manufacturer ¹	Pratt & Whitney Canada Corp.		Engine Type Designation ¹	PW307A	
Additional modifications esse certificated noise levels ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels $^{\rm 1}$				
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Edition 4 / Amendment 8	Chapter ¹	4

FACA	Maximu	ım Mass	Lateral EPNL		Flyover EPNL		Approach EPNL		6
EASA Record No.	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
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.



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TCDSN No.: EASA.A.155 Issue: 8					Page 4 of 8 Date: 06 October 2023
Type Certificate Holder ¹	Dassault Aviation		Aircraft Type Designation ¹	Falcon 7X	
Engine Manufacturer ¹	Pratt & Whitney Canada Corp.		Engine Type Designation ¹	PW307A	
Additional modifications essential to meet the requirements or needed to attain the certificated noise levels 1			M0192 (Take-off configuratio	on SF1)	
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Edition 4 / Amendment 8	Chapter ¹	4

EASA	Maximu	um Mass	Latera	Lateral EPNL Flyover EPNL		Approach EPNL		6	
EASA Record No.	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A9806	31,298	28,304	90.1	94.0	81.9	89.5	92.6	98.0	-

¹ See Note 1.



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TCDSN No.: EASA.A.155 Issue: 8					Page 5 of 8 Date: 06 October 2023
Type Certificate Holder ¹	Dassault Aviation		Aircraft Type Designation ¹ (Commercial Designation	Falcon 7X Falcon 8X)	
Engine Manufacturer ¹	Pratt & Whitney Canada Co	orp.	Engine Type Designation ¹	PW307D	
Additional modifications certificated noise levels	s essential to meet the requirement	ts or needed to attain the	M1000 (Fuselage stretch mo	dification)	
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Edition 5 / Amendment 9	Chapter ¹	4
EASA	Maximum Mass	Lateral EPNL	Flyover EPNL	Approach EPNL	See
LASA	- 1 661				366

Level¹ Limit Level¹ Limit Level¹ Limit (kg) (kg) 33,112 28,304 88.9 94.0 81.5 89.9 90.6 98.0

¹ See Note 1.



Record No.

A19127

Take-off¹

Landing¹

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Note

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TCDSN No.: EASA.A.155 Issue: 8					Page 6 of 8 Date: 06 October 2023	
Type Certificate Holder ¹	Dassault Aviation		Aircraft Type Designation ¹ (Commercial Designation	Falcon 7X Falcon 8X)		
Engine Manufacturer ¹	Pratt & Whitney Canada Corp.		Engine Type Designation ¹	PW307D		
Additional modifications essential to meet the requirements or needed to attain the certificated noise levels $^{\rm 1}$			M1000, M1749 (Fuselage stretch modification, Take-off configuration SF1)			
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Edition 7 / Amendment 11-B	Chapter ¹ 4		

5454	Maximu	ım Mass	Latera	EPNL Flyover EPNL		Approach EPNL		<u>Cas</u>	
EASA Record No.	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
A19227	33,112	28,304	88.7	94.0	80.1	89.9	90.6	98.0	-

¹ See Note 1.



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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
lssue 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

