

Civil Aviation Authority United Kingdom



TYPE-CERTIFICATE DATA SHEET FOR NOISE

UK.TC.A.00161

for

MF50, MF900, F900EX

Type Certificate Holder

Dassault Aviation

9 Rond Point des Champs Elysees

75008 Paris

France

Model(s): MF50
MF900
F900EX

Issue 1

Date of issue: 23 January 2026

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Type Designation	Airframe Modification	MTOW (kg)	MLW (kg)	Engine	Engine Modification	Regulation Ed./Amend. Chapter	Lateral Level (EPNdB)	Lateral Limit (EPNdB)	Flyover Level (EPNdB)	Flyover Limit (EPNdB)	Approach Level (EPNdB)	Approach Limit (EPNdB)	Notes	Record Number
Falcon 900EX	M3083 EASy cockpit	22,226	20,185	Allied Signal TFE731-60(-1C)	M3000 Engine retrofit	Annex 16/I 3/4 Chapter 3	90.5	94.0	79.8	89.0	92.3	98.0	None	A3803
Falcon 900EX	M4000 F900DX Definition	21,183	19,142	Allied Signal TFE731-60(-1C)	M3000 Engine retrofit	Annex 16/I 3/7 Chapter 4	90.6	94.0	78.7	89.0	92.2	98.0	None	A1065
Falcon 900EX	M5281, M5535 Winglets, External slats setting adaptation	22,226	20,185	Allied Signal TFE731-60(-1C)	None	Annex 16/I 5/9 Chapter 4	90.3	94.0	78.2	89.0	92.1	98.0	None	A14418
Falcon 900EX	None	22,226	20,185	Allied Signal TFE731-60(-1C)	M3000 Engine retrofit	Annex 16/I 3/4 Chapter 3	90.5	94.0	79.8	89.0	92.3	98.0	None	A3802
Falcon 900EX	M3083, M5393 EASy cockpit - AFM Revision 7 (or higher), Recertification to Chapter 4	22,226	20,185	Allied Signal TFE731-60(-1C)	M3000 Engine retrofit	Annex 16/I 4/8 Chapter 4	90.5	94.0	79.8	89.0	92.3	98.0	None	A7067
Falcon 900EX	M5051, M4000 MTOW and MLW increase	22,226	20,185	Allied Signal TFE731-60(-1C)	None	Annex 16/I 4/8 Chapter 4	90.5	94.0	79.8	89.0	92.3	98.0	None	A10764
Falcon 900EX	M5393 AFM Revision 9 (or higher), Recertification to Chapter 4	22,226	20,185	Allied Signal TFE731-60(-1C)	M3000 Engine retrofit	Annex 16/I 4/8 Chapter 4	90.5	94.0	79.8	89.0	92.3	98.0	None	A10985
Mystere Falcon 50	None	17,600	16,200	Allied Signal TFE731-3(-1C)	None	Annex 16/I 2/3 Chapter 3	91.6	94.0	83.0	89.0	97.1	98.0	None	A3795
Mystere Falcon 50	None	18,500	16,200	Allied Signal TFE731-40(-1C)	M1810, M2193 Engine retrofit, thrust increase	Annex 16/I 3/4 Chapter 3	92.7	94.0	83.0	89.0	95.2	98.0	None	A3796
Mystere Falcon 50	M2984 AFM Revision 9 (or higher), Recertification to Chapter 4	18,500	16,200	Allied Signal TFE731-40(-1C)	None	Annex 16/I 4/8 Chapter 4	92.3	94.0	79.9	89.0	95.2	98.0	None	A10761
Mystere Falcon 50	M1230 MTOW increase	18,500	16,200	Allied Signal TFE731-3(-1C)	None	Annex 16/I 2/3 Chapter 3	91.5	94.0	84.8	89.0	97.1	98.0	None	A3794
Mystere Falcon 900	M1975 or M2695 Primus 2000 avionics	20,639	19,051	Allied Signal TFE731-5BR(-1C)	None	Annex 16/I 1/3 Chapter 3	91.2	94.0	79.8	89.0	91.7	98.0	None	A10763
Mystere Falcon 900	None	20,639	19,051	Allied Signal TFE731-5AR(-1C)	None	Annex 16/I 1/2 Chapter 3	89.5	94.0	81.9	89.0	91.7	98.0	None	A3797
Mystere Falcon 900	None	20,639	19,051	Allied Signal TFE731-5BR(-1C)	M1200, M1548 Installation of TFE731-5BR-1C engines	Annex 16/I 1/3 Chapter 3	91.2	94.0	79.8	89.0	91.7	98.0	None	A10762
Mystere Falcon 900	M1196, M1975 or M2695 MTOW increase, Primus 2000 avionics	21,092	19,051	Allied Signal TFE731-5BR(-1C)	None	Annex 16/I 1/3 Chapter 3	91.2	94.0	80.7	89.0	91.7	98.0	None	A3801
Mystere Falcon 900	M1196 MTOW increase	21,092	19,051	Allied Signal TFE731-5AR(-1C)	None	Annex 16/I 1/2 Chapter 3	89.5	94.0	82.9	89.0	91.7	98.0	None	A3798
Mystere Falcon 900	M1196 MTOW increase	21,092	19,051	Allied Signal TFE731-5BR(-1C)	M1200, M1548 Installation of TFE731-5BR-1C engines	Annex 16/I 1/3 Chapter 3	91.2	94.0	80.7	89.0	91.7	98.0	None	A3799

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Administration**I. Acronyms and Abbreviations**

Acronym / Abbreviation	Definition
Ed./Amend.	Edition/Amendment
EPNdB	Effective perceived noise decibel
MTOW	Maximum take-off weight
MLW	Maximum landing weight
Regulation Annex 16/I	ICAO Annex 16 Volume I
TCDSN	Type Certificate Data Sheet for Noise

II. Type Certificate Holder Record

TCH Record	Period
Dassault Aviation 9 Rond-Point des Champs Elysees 75008 Paris France	Present. No changes.

III. Amendment Record

TCDSN Issue No.	TCDSN Issue Date	Changes	TC Issue and Date
1	23 January 2026		Issue 1 23 January 2026