
TYPE-CERTIFICATE DATA SHEET FOR NOISE

UK.TC.A.00025

for

DA 40

Type Certificate holder
Diamond Aircraft Industries Inc

1560 Crumlin Sideroad
London, ON, N5V1S2
Canada

Model(s): DA 40
 DA 40 D
 DA 40 F
 DA 40 NG

Issue: 1

Date of issue: 07 February 2022

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Type Designation	Airframe Modification	MTOW (kg)	Engine	Engine Modification	Muffler	Propeller	Regulation Ed./Amend. Chapter	Level dB(A)	Limit dB(A)	Notes	Record Number
DA 40	None	1150	Lycoming IO-360-M1A	None	Diamond Aircraft D41-7800-00-00	MT-Propeller Entwicklung GmbH MTV-12-B/180-17()	Annex 16 Chapter 10 (10.4a)	69.3	85.2	None	C13544
DA 40	None	1200	Lycoming IO-360-M1A	MÄM 40-227	Diamond Aircraft D41-7800-00-00	MT-Propeller Entwicklung GmbH MTV-12-B/180-17()	Annex 16 3/7 Chapter 10 (10.4b)	78.7	81.5	None	C13543
DA 40 D	None	980	Continental Aerospace Technologies GmbH TAE 125-02-99	None	Diamond Aircraft D4D-7807-10-00 () OÄM 40-096	MT-Propeller Entwicklung GmbH MTV-6-A/187-129	Annex 16 4/8 Chapter 10 (10.4a)	73.0	82.9	None	C13548
DA 40 D	None	1150	Continental Aerospace Technologies GmbH TAE 125-01	None	Diamond Aircraft D4D-7806-00-00	MT-Propeller Entwicklung GmbH MTV-6-A/187-129	Annex 16 3/7 Chapter 10 (10.4a)	78.7	85.2	None	C13545
DA 40 D	None	1150	Continental Aerospace Technologies GmbH TAE 125-01	None	Diamond Aircraft D4D-7807-00-00 () OÄM 40-096	MT-Propeller Entwicklung GmbH MTV-6-A/187-129	Annex 16 3/7 Chapter 10 (10.4a)	69.5	85.2	None	C13546
DA 40 D	None	1150	Continental Aerospace Technologies GmbH TAE 125-02-99	None	Diamond Aircraft D4D-7807-10-00 () OÄM 40-096	MT-Propeller Entwicklung GmbH MTV-6-A/187-129	Annex 16 4/8 Chapter 10 (10.4a)	73.0	85.2	None	C13547
DA 40 F	None	1150	Lycoming O-360-A4M	None	Aerospace Welding A099005-130	MT-Propeller Entwicklung GmbH MT 188 R 135-4G	Annex 16 3/7 Chapter 10 (10.4b)	75.8	80.9	None	C13550
DA 40 F	None	1150	Lycoming O-360-A4M	None	Diamond Aircraft A099005-130	Sensenich 76EM8S10-0-63	Annex 16 3/7 Chapter 10 (10.4a)	74.8	85.2	None	C13549
DA 40 NG	MÄM 40-662 and OÄM 40-334 1310 kg MTOM and Landing Gear with Large Tyres and 1280kg Maximum Landing Mass	1310	Austro Engine GmbH E4	E4-A in accordance with DAI MSB E4-002	Diamond Aircraft D44-7806-20-00_() Exhaust System with Muffler iaw MÄM 40-434 or OÄM 40-310	MT-Propeller Entwicklung GmbH MTV-6-R/190-69	Annex 16 6/10 Chapter 10 (10.4b)	72.4	82.9	None	C13552

Type Designation	Airframe Modification	MTOW (kg)	Engine	Engine Modification	Muffler	Propeller	Regulation Ed./Amend. Chapter	Level dB(A)	Limit dB(A)	Notes	Record Number
DA 40 NG	MÄM 40-662 and OÄM 40-394 1310 kg MTOM and RACC ON during T/O and Landing	1310	Austro Engine GmbH E4	E4-A in accordance with AE MSB E4-002	Diamond Aircraft D44-7806-20-00_() Exhaust System with Muffler iaw MÄM 40-434 or OÄM 40-310	MT-Propeller Entwicklung GmbH MTV-6-R/190-69	Annex 16 6/10 Chapter 10 (10.4b)	71.8	82.9	None	C13553
DA 40 NG	MÄM 40-662 1310 kg MTOM	1310	Austro Engine GmbH E4	E4-A in accordance with DAI MSB E4-002	Diamond Aircraft D44-7806-20-00_() Exhaust System with Muffler iaw MÄM 40-434 or OÄM 40-310	MT-Propeller Entwicklung GmbH MTV-6-R/190-69	Annex 16 6/10 Chapter 10 (10.4b)	71.4	82.9	None	C13551
DA 40 NG	None	1280	Austro Engine GmbH E4	E4-A in accordance with DAI MSB E4-002	Diamond Aircraft D44-7806-10-00_()	MT-Propeller Entwicklung GmbH MTV-6-R/190-69	Annex 16 5/9 Chapter 10 (10.4b)	74.5	82.5	None	C13557
DA 40 NG	None	1280	Austro Engine GmbH E4	E4-A in accordance with DAI MSB E4-002	Diamond Aircraft D44-7806-20-00_() Exhaust System with Muffler iaw MÄM 40-434 or OÄM 40-310	MT-Propeller Entwicklung GmbH MTV-6-R/190-69	Annex 16 5/9 Chapter 10 (10.4b)	71.5	82.5	None	C13558
DA 40 NG	OÄM 40-334 Landing Gear with Large Tyres and 1280kg Maximum Landing Mass	1280	Austro Engine GmbH E4	E4-A in accordance with DAI MSB E4-002	Diamond Aircraft D44-7806-10-00_()	MT-Propeller Entwicklung GmbH MTV-6-R/190-69	Annex 16 5/9 Chapter 10 (10.4b)	75.3	82.5	None	C13554
DA 40 NG	OÄM 40-334 Landing Gear with Large Tyres and 1280kg Maximum Landing Mass	1280	Austro Engine GmbH E4	E4-A in accordance with DAI MSB E4-002	Diamond Aircraft D44-7806-20-00_() Exhaust System with Muffler iaw MÄM 40-434 or OÄM 40-310	MT-Propeller Entwicklung GmbH MTV-6-R/190-69	Annex 16 5/9 Chapter 10 (10.4b)	72.1	82.5	None	C13555
DA 40 NG	OÄM 40-394 RAAC ON during T/O and Landing	1280	Austro Engine GmbH E4	E4-A in accordance with AE MSB E4-002	Diamond Aircraft D44-7806-20-00_() Exhaust System with Muffler iaw MÄM 40-434 or OÄM 40-310	MT-Propeller Entwicklung GmbH MTV-6-R/190-69	Annex 16 6/10 Chapter 10 (10.4b)	71.6	82.5	None	C13556

Administration

I. Acronyms and Abbreviations

Acronym / Abbreviation	Definition
dB(A)	Maximum A-weighted noise level
Ed./Amend.	Edition/Amendment
MTOW	Maximum take-off weight
Regulation Annex 16/I	ICAO Annex 16 Volume I
TCDSN	Type Certificate Datasheet for Noise

II. Type Certificate Holder Record

TCH Record	Period
DA 40 1560 Crumlin Sideroad London, ON, N5V1S2 Canada	Present. No changes.

III. Amendment Record

TCDSN Issue No.	TCDSN Issue Date	Changes	TC Issue and Date
1	07 February 2022	Initial	Issue 1 07 February 2022