
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

INTENTIONALLY LEFT BLANK

| 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 |