

# **TYPE-CERTIFICATE DATA SHEET FOR NOISE**

No. EASA.A.637

for

P2012

**Type Certificate Holder:** Costruzioni Aeronautiche Tecnam S.p.A. Via S. D'acquisto, 62 80042 Boscotrecase (NA) ITALIA

For models: P2012 Traveller



TE.CERT.00051-001 © European Union Aviation Safety Agency, 2024. All rights reserved. ISO9001 Certified. Proprietary document. Copies are not controlled. Confirm revision status through the EASA-Internet/Intranet.

An Agency of the European Union

## INTENTIONALLY LEFT BLANK



| TCDSN No.: EASA.A.637<br>Issue: 6    |  |                     |                          |                      | Page 3 of 7<br>Date: 01 March 2024 |  |
|--------------------------------------|--|---------------------|--------------------------|----------------------|------------------------------------|--|
| Type Certificate Holder <sup>1</sup> | Costruzioni Aeronautiche Te              | ecnam S.p.A.        | Aircraft Type Design     | ation <sup>1</sup>   | P2012 Traveller                    |  |
| Engine Manufacturer <sup>1</sup>     | Continental Aerospace Technologies, Inc. |                     | Engine Type Designa      | ation <sup>1</sup>   | GTSIO-520-S                        |  |
| Noise Certification Basis            | ICAO Annex 16, Volume I                  | Edition / Amendment | Edition 8 / Amendment 12 | Chapter <sup>1</sup> | 10 (10.4a)                         |  |

| EASA Propeller |                                  |                       | Additional modifications essential to meet                                      | Maximum                            | Take-O             | ff dB(A) | 500         |
|----------------|----------------------------------|-----------------------|---|------------------------------------|--------------------|----------|-------------|
| Record No.     | Manutacturer <sup>1</sup>        |                       | the requirements or needed to attain the certificated noise levels <sup>1</sup> | Take-Off<br>Mass <sup>1</sup> (kg) | Level <sup>1</sup> | Limit    | See<br>Note |
| C15111         | MT-Propeller<br>Entwicklung GmbH | MTV-9-E-C-F/CF226-37b | MOD 2012/023 (Engine and Propeller<br>installation)                             | 3,680                              | 81.8               | 88.0     | -           |

<sup>1</sup> See Note 1.



TE.CERT.00051-001 © European Union Aviation Safety Agency, 2024. All rights reserved. ISO9001 Certified. Proprietary document. Copies are not controlled. Confirm revision status through the EASA-Internet/Intranet.

| TCDSN No.: EASA.A.637<br>Issue: 6    |  |                     |                          |                      | Page 4 of 7<br>Date: 01 March 2024 |
|--------------------------------------|--|---------------------|--------------------------|----------------------|------------------------------------|
| Type Certificate Holder <sup>1</sup> | Costruzioni Aeronautiche Te              | ecnam S.p.A.        | Aircraft Type Desigr     | P2012 Traveller      |                                    |
| Engine Manufacturer <sup>1</sup>     | Continental Aerospace Technologies, Inc. |                     | Engine Type Design       | ation <sup>1</sup>   | GTSIO-520-S                        |
| Noise Certification Basis            | ICAO Annex 16, Volume I                  | Edition / Amendment | Edition 8 / Amendment 13 | Chapter <sup>1</sup> | 10 (10.4a)                         |

| EASA Propeller |                                  |  | Additional modifications essential to meet | Maximum                            | Take-O             | ff dB(A) | See  |
|----------------|----------------------------------|--|--|------------------------------------|--------------------|----------|------|
| Record No.     | Manufacturer <sup>1</sup>        | the requirements or needed to attain the |  | Take-Off<br>Mass <sup>1</sup> (kg) | Level <sup>1</sup> | Limit    | Note |
| C15295         | MT-Propeller<br>Entwicklung GmbH | MTV-9-E-C-F/CF226-37b                    | MOD 2012/250 (Increased wing span)         | 3,680                              | 81.2               | 88.0     | -    |

<sup>1</sup> See Note 1.



TE.CERT.00051-001 © European Union Aviation Safety Agency, 2024. All rights reserved. ISO9001 Certified. Proprietary document. Copies are not controlled. Confirm revision status through the EASA-Internet/Intranet.

| TCDSN No.: EASA.A.637<br>Issue: 6    |                             |                     |                                      |                      | Page 5 of 7<br>Date: 01 March 2024 |
|--------------------------------------|-----------------------------|---------------------|--------------------------------------|----------------------|------------------------------------|
| Type Certificate Holder <sup>1</sup> | Costruzioni Aeronautiche Te | ecnam S.p.A.        | Aircraft Type Desigr                 | nation <sup>1</sup>  | P2012 Traveller                    |
| Engine Manufacturer <sup>1</sup>     | Textron AVCO Lycoming       |                     | Engine Type Designation <sup>1</sup> |                      | TEO-540-C1A                        |
| Noise Certification Basis            | ICAO Annex 16, Volume I     | Edition / Amendment | Edition 8 / Amendment 12             | Chapter <sup>1</sup> | 10 (10.4a)                         |

| EASA Propeller |   |                       | Additional modifications essential to meet     | Maximum            | Take-O | See<br>Note |   |
|----------------|---|-----------------------|--|--------------------|--------|-------------|---|
| Record No.     | Propeller Propeller Type Designation <sup>1</sup> the requirements or needed to attain the certificated noise levels <sup>1</sup> |                       | Take-Off<br>Mass <sup>1</sup> (kg)             | Level <sup>1</sup> | Limit  |             |   |
| C14357         | MT-Propeller<br>Entwicklung GmbH  | MTV-14-B-C-F/CF195-30 | MOD 2012/017 (MTOW increment up to<br>3680 kg) | 3,680              | 85.5   | 88.0        | - |
| C14410         | MT-Propeller<br>Entwicklung GmbH  | MTV-14-B-C-F/CF195-30 | MOD 2012/119 (Noise reduction system)          | 3,680              | 84.1   | 88.0        | - |
| C13951         | MT-Propeller<br>Entwicklung GmbH  | MTV-14-B-C-F/CF195-30 | None   | 3,600              | 85.2   | 88.0        | - |

<sup>1</sup> See Note 1.



TE.CERT.00051-001 © European Union Aviation Safety Agency, 2024. All rights reserved. ISO9001 Certified. Proprietary document. Copies are not controlled. Confirm revision status through the EASA-Internet/Intranet.

#### 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.637 Notes

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



### Change Record

| Issue   | Date             | Changes                                       |
|---------|------------------|---|
| Issue 1 | 19 December 2018 | Initial Issue                                 |
| Issue 2 | 29 May 2019      | Revised                                       |
| Issue 3 | 10 June 2020     | Added change MOD2012/017                      |
| Issue 4 | 03 November 2020 | Revised record C14357, added record C14410    |
| Issue 5 | 05 December 2022 | Added change MOD2012/023                      |
| Issue 6 | 01 March 2024    | Addition of the new EASA noise record C15295. |

