



Airworthiness Directive

AD No.: 2022-0149

Issued: 21 July 2022

Note: This Airworthiness Directive (AD) is issued by EASA, acting in accordance with Regulation (EU) 2018/1139 on behalf of the European Union, its Member States and of the European third countries that participate in the activities of EASA under Article 129 of that Regulation.

This AD is issued in accordance with Regulation (EU) 748/2012, Part 21.A.3B. In accordance with Regulation (EU) 1321/2014 Annex I Part M.A.301, or Annex Vb Part ML.A.301, as applicable, the continuing airworthiness of an aircraft shall be ensured by accomplishing any applicable ADs. Consequently, no person may operate an aircraft to which an AD applies, except in accordance with the requirements of that AD, unless otherwise specified by the Agency [Regulation (EU) 1321/2014 Annex I Part M.A.303, or Annex Vb Part ML.A.303, as applicable] or agreed with the Authority of the State of Registry [Regulation (EU) 2018/1139, Article 71 exemption].

Design Approval Holder's Name:

DAHER AEROSPACE

Type/Model designation(s):

TBM 700 aeroplanes

Effective Date: 04 August 2022

TCDS Number(s): EASA.A.010

Foreign AD: Not applicable

Supersedure: None

ATA – Pilot's Operating Handbook – Emergency Procedures – Amendment

ATA 25 – Equipment / Furnishings – Emergency Exit Door Panel – Modification

Manufacturer(s):

Compagnie DAHER, formerly SOCATA, EADS SOCATA, Société de Construction d'Avions de Tourisme et d'Affaires

Applicability:

TBM 700 aeroplanes serial numbers (S/N) 434 to 1424 inclusive, except S/N 1408 and S/N 1420.

Definitions:

For the purpose of this AD, the following definitions apply:

The SB: DAHER AEROSPACE (DAHER) Service Bulletin (SB) 70-304-25.

The POH TR: DAHER TBM 700 Pilot's Operating Handbook (POH) Temporary Revision (TR) 29 dated July 2022, as listed in Appendix 1 of this AD, as applicable, depending on aeroplane trade name and aeroplane S/N.

Affected parts: Emergency exit trim panel and upholstery panel.



Reason:

It has been identified that, due to interference between emergency exit trim panel and upholstery panel, additional effort may be required to open the emergency exit door. Further investigation identified insufficient clearance between the two panels and revealed that the gripping strap, which maintains the upholstery panel on the emergency exit trim panel, is not properly sized.

This condition, if not corrected, could lead to failure of the emergency exit door to perform its intended function during an emergency opening, possibly resulting in reduced evacuation capacity from the aeroplane and injury to occupants.

To address this potential unsafe condition, DAHER published the POH TR, as defined in this AD, providing an updated emergency procedure to open the emergency exit door. DAHER also developed an improved design of the affected parts, which is embodied in production through DAHER modification 70-0793-25, and issued the SB, as defined in this AD, to provide modification instructions for in-service aeroplanes.

For the reasons described above, this AD requires, as an interim action, incorporation of the POH TR into the applicable POH, until modification of affected parts.

Required Action(s) and Compliance Time(s):

Required as indicated, unless accomplished previously:

POH Amendment:

- (1) Within 30 days after the effective date of this AD, amend the applicable POH by incorporating the POH TR, inform all flight crews, and, thereafter, operate the aeroplane accordingly.
- (2) Amending the applicable POH of an aeroplane by incorporating a later POH revision, which includes the same content as the POH TR, is an acceptable method to comply with the requirements of paragraph (1) of this AD for that aeroplane.

Modification:

- (3) Within 12 months after the effective date of this AD, modify the affected parts in accordance with the instructions of the SB.
- (4) After modification of an aeroplane as required by paragraph (3) of this AD, the POH TR, as required by paragraph (1) of this AD, is no longer necessary and can be removed from the POH of that aeroplane.

Ref. Publications:

DAHER SB 70-304-25 original issue dated July 2022.

DAHER POH TBM 850 Edition 1 dated 22 June 2007, TR 29 dated July 2022.

DAHER POH TBM 900 Edition 0 dated 31 October 2013, TR 29 dated July 2022.

DAHER POH TBM 900 Edition 1 dated 05 December 2014, TR 29 dated July 2022.



DAHER POH TBM 910 Edition 0 dated 15 January 2017, TR 29 dated July 2022.

DAHER POH TBM 910 Edition 1 dated 11 January 2019, TR 29 dated July 2022.

DAHER POH TBM 930 Edition 0 dated 31 December 2015, TR 29 dated July 2022.

DAHER POH TBM 930 Edition 1 dated 15 January 2018, TR 29 dated July 2022.

DAHER POH TBM 940 Edition 0 dated 05 March 2019, TR 29 dated July 2022.

DAHER POH TBM 960 Edition 0 dated 27 January 2022, TR 29 dated July 2022.

The use of later approved revisions of the above-mentioned documents is acceptable for compliance with the requirements of this AD.

Remarks:

1. If requested and appropriately substantiated, EASA can approve Alternative Methods of Compliance for this AD.
2. Based on the required actions and the compliance time, EASA have decided to issue a Final AD with Request for Comments, postponing the public consultation process until after publication.
3. Enquiries regarding this AD should be referred to the EASA Safety Information Section, Certification Directorate. E-mail: ADs@easa.europa.eu.
4. Information about any failures, malfunctions, defects or other occurrences, which may be similar to the unsafe condition addressed by this AD, and which may occur, or have occurred on a product, part or appliance not affected by this AD, can be reported to the [EU aviation safety reporting system](#). This may include reporting on the same or similar components, other than those covered by the design to which this AD applies, if the same unsafe condition can exist or may develop on an aircraft with those components installed. Such components may be installed under an FAA Parts Manufacturer Approval (PMA), Supplemental Type Certificate (STC) or other modification.
5. For any question concerning the technical content of the requirements in this AD, please contact: TBM Care, Tel.: +1 833 826 2273, Email: tbmcare@daher.com.



Appendix 1 - DAHER TBM 700 POH TR 29

| Aeroplane Trade Name | Aeroplane S/N | Affected POH Edition / Document Number |
|-----------------------------|--|---|
| TBM 850 | 434 to 686 inclusive | Edition 1 - 22 June 2007 DMNFM00EE1T29EN |
| TBM 900 | 687, and 1000 to 1049 inclusive | Edition 0 - 31 October 2013 DMHFM00EE0T29EN |
| TBM 900 | 1050 to 1110 inclusive, 1142, 1157 and 1159. | Edition 1 - 05 December 2014 DMHFM00EE1T29EN |
| TBM 910 | 1170, 1172 to 1174 inclusive, 1178, 1181, 1182, 1184, 1186 to 1188 inclusive, 1190, 1192 to 1194 inclusive, 1199, 1200, 1203, 1205 to 1215 inclusive, 1217 to 1221 inclusive, 1223, 1224, 1226, 1229 to 1231 inclusive, 1233, 1234, 1242, 1245 to 1248 inclusive, 1251 to 1253 inclusive, 1256, 1260, 1263 to 1265 inclusive, and 1267 to 1269 inclusive | Edition 0 - 15 January 2017 DMDFM00EE0T29EN |
| TBM 910 | 1270, 1271, 1273, 1274, 1277 to 1280 inclusive, 1297, 1305 and 1336 | Edition 1 - 11 January 2019 DMDFM00EE1T29EN |
| TBM 930 | 1111 to 1141 inclusive, 1143 to 1156 inclusive, 1158, 1160 to 1169 inclusive, 1171, 1175 to 1177 inclusive, 1179, 1180, 1183, 1185, 1189, 1191, 1195 to 1198 inclusive, 1201 to 1202 inclusive, and 1204 | Edition 0 - 31 December 2015 DMJFM00EE0T29EN |
| TBM 930 | 1216, 1222, 1225, 1227, 1228, 1232, 1235 to 1241 inclusive, 1243, 1244, 1249, 1250, 1254, 1255, 1257 to 1259 inclusive, 1261, 1262 and 1266 | Edition 1 - 15 January 2018 DMJFM00EE1T29EN |
| TBM 940 | 1272, 1275, 1276, 1281 and 1296 inclusive, 1298 to 1304 inclusive, 1306 to 1332 inclusive, 1333 to 1335 inclusive, and 1337 to 1407 inclusive | Edition 0 - 05 March 2019 DMKFM00EE0T29EN |
| TBM 960 | 1409 to 1424 inclusive, except 1420 | Edition 0 - 27 January 2022 DMMFM00EE0ENT29 |

