TYPE-CERTIFICATE

DATA SHEET

NO. EASA.A.010

for
TBM700

Type Certificate Holder
Daher Aircraft, SAS
Immeuble Belaïa
7 Avenue de l'Union
94390 Orly
France

For Models/Variants: TBM700 A
TBM700 B
TBM700 C1
TBM700 C2
TBM700 N

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SECTION A. GENERAL (ALL TBM700) 5

A.I. General 5
1. Airworthiness Category 5
2. Certifying Authority 5
3. Type Certificate Holder 5
4. Manufacturer 5

SECTION B. TBM700 A, TBM700 B, TBM700 C1, TBM700 C2, TBM700 N 6

B.I. General 6
1. Type/Model/Variant 6
2. State of Design Authority Certification Application Date 7
3. EASA Certification Application Date 7
4. State of Design Authority Type Certificate Date 7
5. EASA Type Certificate Date 7
6. Eligible MSN 8

B.II. EASA Certification Basis 9
1. Reference Date for determining the applicable requirements: 9
2. Airworthiness Requirements 10
3. Special Conditions 11
4. Exemptions 11
5. Deviations 11
6. Equivalent Safety Findings 11
7. Requirements elected to comply 11
8. Environmental Protection 12
9. Operationnal Suitability Data (OSD) 12

B.III. Technical Characteristics and Operational Limitations 13
1. Type Design Definition 13
2. Description 13
3. Equipment 13
4. Dimensions 13
5. Engine 13
6. Load factors 14
7. Propeller 14
8. Fluids 16
9. Fluid Capacities 16
10. Airspeeds 17
11. Flight Envelope 17
12. Approved Operational Capability 17
13. Maximum Masses 17
14. Centre of Gravity Range 18
15. Datum 18
16. Control Surface Deflections 18
17. Levelling Means 19
18. Minimum Flight Crew 19
19. Maximum Pasenger Seating Capacity 19
20. Baggage / Cargo Compartments 19
21. Whees and Tyres 19

B.IV. Operating and Service Instructions 20
1. Airplane Flight Manual: 20
2. Airplane Flight Manual Supplements: 20
3. Airplane Maintenance Manual: 21

4. Airplane Maintenance Manual Supplements: 21
B.V. Operational Suitability Data (OSD) *22*
B.VI. Notes *23*

SECTION C. ADMINISTRATIVE SECTION **26**
C.I. Acronyms & Abbreviations *26*
C.II. Type Certificate Holder Record *26*
C.III. Change Record *28*

SECTION A. GENERAL (ALL TBM700)

A.I. General

1. Airworthiness Category

   Small Airplanes, Normal Category

2. Certifying Authority

   European Union Aviation Safety Agency (EASA)
   Postfach 101253
   D-50452 Köln
   Deutschland

3. Type Certificate Holder

   Daher Aircraft, SAS
   Immeuble Bellaïa
   7 Avenue de l'Union
   94310 Orly
   France

4. Manufacturer

   Daher Aircraft, SAS, previously Compagnie Daher

SECTION B. TBM700 A, TBM700 B, TBM700 C1, TBM700 C2, TBM700 N

B.I. General

1. Type/Model/Variant

1.1. Type

TBM700

1.2. Models/Variants

TBM700 A, TBM700 B, TBM700 C1, TBM700 C2, TBM700 N

Note:

TBM700 C is the commercial / marketing designation to identify TBM700 C1 & TBM700 C2.

TBM850 is the commercial / marketing designation to identify TBM700N.

TBM850 G1000 is the commercial / marketing designation to identify TBM700N equipped with MOD70-0176-00 and MOD70-0211-57.

TBM900 is the commercial / marketing designation to identify TBM700 N equipped with MOD70-0176-00, -0211-57, -0234-24, -0322-00, -0323-71, -0324-00, -0325-21 and -0357-71.

TBM930 is the commercial / marketing designation to identify TBM700 N equipped with MOD70-0476-00, -0211-57, -0234-24, -0322-00, -0323-71, -0324-00, -0325-21, -0357-71, -0439-79, -0423-34 and -0462-34.

TBM910 is the commercial / marketing designation to identify TBM700 N equipped with MOD70-0176-00, -0211-57, -0234-24, -0322-00, -0323-71, -0324-00, -0325-21, -0357-71, -0407-00, -0423-34, -0439-79, -0462-34 and -0539-00 Versions A & B.

TBM930 2018 is the commercial / marketing designation to identify TBM700 N equipped with MOD70-0476-00, -0211-57, -0234-24, -0322-00, -0323-71, -0324-00, -0325-21, -0357-71, -0439-79, -0423-34, -0462-34 and with -0549-00 Versions A & B.

TBM910 2019 is the commercial / marketing designation to identify TBM700 N equipped with MOD70-0176-00, -0211-57, -0234-24, -0322-00, -0323-71, -0324-00, -0325-21, -0357-71, -0407-00, -0423-34, -0439-79, -0462-34, -0539-00 Versions A & B and Version H, -0619-11, -0632-34 and -0570-30.

TBM940 is the commercial / marketing designation to identify TBM700N equipped with MOD70-0476-00, -0211-57, -0234-24, -0322-00, -0323-71, -0324-00, -0325-21, -0357-71, -0439-79, -0423-34, -0462-34, -0619-11, -0632-34, -0570-30, -0550-00, -0649-00 and -0650-34 Versions A & B.

TBM960 is the commercial / marketing designation to identify TBM700N equipped with MOD70-0621-76, -0665-61, -0646-21, -0753-00, -0680-10, -0650-34, -0632-34, -0619-11, -0570-30, -0550-00, -0476-00, -0462-34, -0423-34, -0324-00, -0323-71, -0322-00, -0234-24 and -0211-57.

TBM980 is the commercial / marketing designation to identify TBM700N equipped with MOD70-0876-00, -0621-76, -0665-61, -0646-21, -0680-10, -0650-34, -0632-34, -0619-11, -0570-30, -0550-00, -0462-34, -0423-34, -0324-00, -0323-71, -0322-00, -0234-24 and -0211-57.

Refer to Section B.VI Notes for the list of modifications.

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2. State of Design Authority Certification Application Date

TBM700 A	October 31, 1986
TBM700 B	June 16, 1998
TBM700 C1	September 24, 2002

3. EASA Certification Application Date

TBM700 C2	January 5, 2004
TBM850	July 06, 2004
TBM850 G1000	May 29, 2006
TBM900	May 13, 2011
TBM930	March 24, 2015
TBM910	September 13, 2016
TBM930 2018	November 18, 2016
TBM910 2019	September 20, 2018
TBM940	November 18, 2016
TBM960	July 03, 2018
TBM980	December 11, 2023

4. State of Design Authority Type Certificate Date

TBM700 A	January 31, 1990
TBM700 B	November 13, 1998
TBM700 C1	December 3, 2002

Note: For TBM700 A, B, C1 & C2, this EASA TCDS replaces French DGAC TCDS No.181.

5. EASA Type Certificate Date

TBM700 C2	July 14, 2004
TBM850	November 28, 2005
TBM850 G1000	September 26, 2007
TBM900	December 2, 2013
TBM930	February 18, 2016
TBM910	March 24, 2017
TBM930 2018	March 05, 2018
TBM910 2019	January 14, 2019
TBM940	March 05, 2018
TBM960	March 02, 2022
TBM980	December 15, 2025

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6. Eligible MSN

TBM700 A	1 to 125, plus 127 to 128, 130 to 136, 138 to 142, 146 and 147
TBM700 B	126, 129, 137, plus 143 to 145, 148 to 204, 206 to 239 and 241 to 243
TBM700 C1	205, 240, plus 244 to 268 and 270 to 345
TBM700 C2	205, 240, plus 244 to 268 and 270 to 345
TBM850	346 to 433
TBM850 G1000	434 to 999 except 687
TBM900	1000 to 1159, plus 687
TBM930	1111 to 1204
TBM910	1170 to 1269
TBM930 2018	1216 to 1266
TBM910 2019	1270 to 1464
TBM940	1272 to 1407
TBM960	From 1408
TBM980	From 1627

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B.II. EASA Certification Basis

1. Reference Date for determining the applicable requirements:

TBM700 A	October 31, 1986
TBM700 B	
TBM700 C1	
TBM700 C2	January 05, 2004
TBM850	July 06, 2004
TBM850 G1000	May 26, 2006
TBM900	May 13, 2011
TBM930	March 24, 2015
TBM910	September 13, 2016
TBM930 2018	November 18, 2016
TBM910 2019	September 20, 2018
TBM940	November 18, 2016
TBM960	July 03, 2018
TBM980	December 11, 2023

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2. Airworthiness Requirements

TBM700 A TBM700 B TBM700 C1	14 CFR Part 23, effective January 1, 1988, including Amendments 23-1 through 23-34. 14 CFR Part 23, effective Septembre 14, 1988, Amendments 23-36 for sections 23.783, 23.807 and 23.811.
TBM700 C2 TBM850	14 CFR Part 23, effective January 1, 1988, including Amendments 23-1 through 23-34. 14 CFR Part 23, effective Septembre 14, 1988, Amendments 23-36 for sections 23.783, 23.807 and 23.811. 14 CFR Part 23, effective August 18, 1993, Amendments 23-44 for sections 23.49, 23.561, 23.562 and 23.785.
TBM850 G1000 TBM900	14 CFR Part 23, effective January 1, 1988, including Amendments 23-1 through 23-34. 14 CFR Part 23, effective Septembre 14, 1988, Amendments 23-36 for sections 23.783, 23.807 and 23.811. 14 CFR Part 23, effective August 18, 1993, Amendments 23-44 for sections 23.49, 23.561, 23.562 and 23.785. EASA Certification Specification (CS) 23, Initial Issue, effective November 14, 2003 for sections 23.1309, 23.1311, 23.1321, 23.1331, 23.1353, 23.1357 and 23.1431 (as defined in CRI A-01 Issue 02 for MOD70-0176-00).
TBM930 TBM910 TBM930 2018 TBM910 2019 TBM940	14 CFR Part 23, effective January 1, 1988, including Amendments 23-1 through 23-34. 14 CFR Part 23, effective Septembre 14, 1988, Amendments 23-36 for sections 23.783, 23.807 and 23.811. 14 CFR Part 23, effective August 18, 1993, Amendments 23-44 for sections 23.49, 23.561, 23.562 and 23.785. EASA Certification Specification (CS) 23, Initial Issue, effective November 14, 2003 for sections 23.1309, 23.1311, 23.1321, 23.1331, 23.1353, 23.1357 and 23.1431 (as defined in CRI A-01 Issue 02 for MOD70-0176-00). EASA CS-ACNS Initial issue for communication, navigation, surveillance, TAWS and RVSM functions.
TBM960 TBM980	14 CFR Part 23, effective January 1, 1988, including Amendments 23-1 through 23-34. 14 CFR Part 23, effective Septembre 14, 1988, Amendments 23-36 for sections 23.783, 23.807 and 23.811. 14 CFR Part 23, effective August 18, 1993, Amendments 23-44 for sections 23.49, 23.561, 23.562 and 23.785. EASA Certification Specification (CS) 23, Initial Issue, effective November 14, 2003 for sections 23.1309, 23.1311, 23.1321, 23.1331, 23.1353, 23.1357 and 23.1431 (as defined in CRI A-01 Issue 02 for MOD70-0176-00). 14 CFR Part 23, effective January 31, 2012, Amendments 23-62 for sections 23.201, 23.203, 23.207 and 23.221 (TBM700N equipped with MOD70-0621- 76). EASA Certification Specification (CS) 23, Amendement 5, effective August 15, 2017 Sections 23.2105, 23.2115, 23.2120, 23.2125, 23.2135, 23.2140, 23.2145, 23.2155, 23.2160, 23.2165, 23.2170, 23.2200, 23.2210, 23.2215, 23.2225, 23.2230, 23.2235, 23.2240, 23.2245, 23.2300, 23.2340, 23.2400, 23.2405, 23.2410, 23.2415, 23.2425, 23.2445, 23.2500, 23.2505, 23.2510, 23.2515, 23.2520, 23.2525, 23.2600, 23.2605, 23.2610, 23.2615, 23.2620, 23.2625 (TBM700N equipped with MOD70-0621-76). EASA CS-ACNS Initial issue for communication, navigation, surveillance, TAWS and RVSM functions.

3. Special Conditions

For TBM700 A, B & C1:

None

For TBM700 C2:

CRI	Subject
B-1	Stalling speed exceeding 61kts

For TBM700 N:

CRI	Subject
B-1	Stalling speed exceeding 61kts
B-01	Human Factors in Integrated avionics systems
F-02	Protection from the IEL strikes
F-52	Protection from effects of HIRF
C-101	Load requirement for justification of winglets structural loads
F-14	Electronic Stability & Protection (ESP) & Underspeed Protection (USP)
D-54	Installation of Inflatable Seat Restraint
F-110	Auto-throttle for CS 23 Single Engine Airplane

Note:
CRI F-14 valid for TBM700 N equipped with MOD70-0476-00 Version C.
CRI D-54 valid for TBM700 N equipped with MOD70-0388-25.
CRI F-110 valid for TBM700 N equipped with MOD70-0550-00.

4. Exemptions

None

5. Deviations

None

6. Equivalent Safety Findings

CRI	Subject
D-101	Cockpit control location and shape – powerplant control
P-TS-0000399-0060086945	Indications removal from PFDs during ground phases

Note:
ESF D-101 valid for TBM700 N equipped with MOD70-0324-00.
ESF M-TS-0000399 valid for TBM700 N equipped with MOD70-0876-00.

7. Requirements elected to comply

Elect to comply with CS 23, Initial issue, dated 14-Nov-2003 Sections 23.201, 23.203 and 23.207 valid for TBM700 N equipped with MOD70-0423-34.

8. Environmental Protection

TBM700 A	Noise: See TCDSN no. EASA.A.010 Fuel Venting & Emissions: N/A
TBM700 B	
TBM700 C1	
TBM700 C2	Noise: See TCDSN no. EASA.A.010 Fuel Venting & Emissions: 14 CFR Part 34, Effective February 03, 1999, inlucing Amendment 34-1 through 34-3. ICAO Annex 16, Volume 2, 2nd edition, Amdt 4 Part 2, Chap 2
TBM850	
TBM850 G1000	
TBM900	
TBM930	
TBM910	
TBM930 2018	
TBM910 2019	
TBM940	
TBM960	Noise: See TCDSN no. EASA.A.010 Fuel Venting & Emissions: EASA Certification Specification (CS) 34, Amendement 4, effective July 14, 2021
TBM980	

9. Operationnal Suitability Data (OSD)

MMEL: JAR-MMEL/MEL Amendment 1 dated 1 August 2005.

B.III. Technical Characteristics and Operational Limitations

1. Type Design Definition

List of main drawings: T700 N°65/90 at the latest edition and additional drawings approved in modification data sheets.

2. Description

Single-turbo-propeller engine, six to seven seats, low-wing airplane, aluminium and steel construction.

3. Equipment

List of Equipment for TBM700 airplanes.
Refer to EASA approved Airplane Flight Manual, Section 6.

4. Dimensions

For TBM700 A, B, C1, C2 & N:

Wing Span:	12,680 m (41,6 ft)
Length:	10,645 m (34,9 ft)
Height:	4,355 m (14,3 ft)
Wing Area:	18,00 m² (193,7 ft²)

For TBM700 N equipped with MOD70-0322-00:

Wing Span:	12,833 m (42,1 ft)
Length:	10,736 m (35,2 ft)
Height:	4,355 m (14,3 ft)
Wing Area:	18,00 m² (193,7 ft²)

5. Engine

5.1. Models

For TBM700 A, B, C1 & C2: 1 Pratt & Whitney Canada (PWC) PT6A-64

For TBM700 N with MOD70-0188-00: 1 Pratt & Whitney Canada (PWC) PT6A-66D

For TBM700 N with MOD70-0621-76: 1 Pratt & Whitney Canada (PWC) PT6E-66XT

5.2. Type Certificates

TCCA TCDS No. E-21

EASA TCDS No. EASA.IM. E.008

5.3. Engine Limitations

PT6A-64:

Gas generator rotation speed:	39000 RPM (104.1%)
Propeller rotation speed:	2000 RPM
Maximum take-off and continuous power:	700 shp

For powerplant limitations, refer to EASA approved Airplane Flight Manual, Section 2.

PT6A-66D:

Gas generator rotation speed:	39000 RPM (104.1%)
Propeller rotation speed:	2000 RPM
For TBM700 N not equipped with MOD70-0357-71:	
Maximum take-off power:	700 shp
Maximum continuous power:	850 shp
For TBM700 N equipped with MOD70-0357-71:	
Maximum take-off & continuous power:	850 shp

For powerplant limitations, refer to EASA approved Airplane Flight Manual, Section 2.

PT6E-66XT:

Gas generator rotation speed:	39000 RPM (104%)
Propeller rotation speed:	1925 RPM
Maximum take-off and continuous power:	895 shp

For powerplant limitations, refer to EASA approved Airplane Flight Manual, Section 2.

6. Load factors

For TBM700 A, B, C1 & C2:

Flaps up:	+3.8 g, -1.5 g
Flaps down:	+2.0 g, -0.0 g

For TBM700 N:

Flaps up:	
Weight below 2984kg (6579 lbs):	+3.8 g, -1.5 g
Weigth above 2984kg (6579 lbs):	+3.5 g, -1.5 g
Flaps down:	+2.0 g, -0.0 g

7. Propeller

7.1. Models

For TBM700 A, B, C1, C2 & N : 1 Hartzell Propeller Inc. Type HC-E4N-3/E9083 S(K)

For TBM700 N equipped with MOD70-0345-61: 1 Hartzell Propeller Inc. Type HC-E5N-3C/NC8834K

For TBM700 N equipped with MOD70-0665-61: 1 Hartzell Propeller Inc. Type 5D31-NK366B1/86DB01B

7.2. Type Certificate

Hartzell Propeller Inc. Type HC-E4N-3/E9083 S(K):
FAA Type Certificate P10NE
EASA IMP.133

Hartzell Propeller Inc. Type HC-E5N-3C/NC8834K:
FAA Type Certificate P20NE
EASA IMP.125

Hartzell Propeller Inc. Type 5D31-NK366B1/86DB01B:
FAA Type Certificate P00015CH
EASA IMP.136

7.3. Number of blades

Hartzell Propeller Inc. Type HC-E4N-3/E9083 S(K):	4 blades
Hartzell Propeller Inc. Type HC-E5N-3C/NC8834K:	5 blades
Hartzell Propeller Inc. Type 5D31-NK366B1/86DB01B:	5 blades

7.4. Diameter

Hartzell Propeller Inc. Type HC-E4N-3/E9083 S(K):	
Maximum Diameter:	2311 mm / 91 in
Minimum Diameter:	2286 mm / 90 in
Hartzell Propeller Inc. Type HC-E5N-3C/NC8834K:	
Maximum Diameter:	2311 mm / 91 in
Minimum Diameter:	2286 mm / 90 in
Hartzell Propeller Inc. Type 5D31-NK366B1/86DB01B:	
Diameter:	2311 mm / 91 in

7.5. Sense of rotation

Propeller rotates Clockwise in view of flight direction.

7.6. Pitch

Hartzell Propeller Inc. Type HC-E4N-3/E9083 S(K):	
Low Pitch:	21°
Feather:	86°
Reverse:	-11°
Hartzell Propeller Inc. Type HC-E5N-3C/NC8834K:	
Low Pitch:	19,5°
Feather:	85°
Reverse:	-9°
Hartzell Propeller Inc. Type 5D31-NK366B1/86DB01B:	
Low Pitch:	19,5°
Feather:	86.1°
Reverse:	-9,3°

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8. Fluids

8.1. Fuel

Refer to EASA approved Airplane Flight Manual, Section 2.

8.2. Oil

Refer to EASA approved Airplane Flight Manual, Section 2.

8.3. Coolant

N/A

9. Fluid Capacities

9.1. Fuel

For TBM700 A, B, C1, C2 & N:

Total:	1100 liters (290.6 US Gal)
Usable:	1066 liters (281.6 US Gal)
Unusable:	34 liters (9 US Gal)

For TBM700 N equipped with MOD70-0211-57:

Total:	1140 liters (301 US Gal)
Usable:	1106 liters (292 US Gal)
Unusable:	34 liters (9 US Gal)

9.2. Oil

Maximum:	12 liters (12.7 qt)
Minimum:	5.7 liters (5.7 qt)

9.3. Coolant

N/A

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10. Airspeeds

		KCAS
V_{MO} (Maximum operating speed)		271
V_A (Manoeuvring speed)		160
V_{FE} (Maximum flaps extended speed)	Landing configuration	120
	Take-off configuration	180
V_{LO}(Maximum landing gear operating speed)		
For TBM700 A, B, C & N not equipped with MOD70-0322-00 & MOD70-0342-52:		
V_{LO} (Maximum landing gear operating speed)	Retraction	130
	Extension	180
For TBM700 N equipped with MOD70-0322-00 & MOD70-0342-52:		
V_{LO} (Maximum landing gear operating speed)	Retraction	151
	Extension	180
V_{LE} (Maximum landing gear extended speed)		180

11. Flight Envelope

For TBM700 A & B not equipped with OPT70-01-026:	30000 ft
For TBM700 A & B equipped with OPT70-01-026:	31000 ft
For TBM700 C1, C2 & N :	31000 ft

12. Approved Operational Capability

Day & Night VFR and Day & Night IFR operations when appropriate equipment is installed and operating correctly.
Refer to EASA approved Airplane Flight Manual, Section 2.

13. Maximum Masses

For TBM700 A, B & C1:	
Take-Off	2984 kg (6579 lbs)
Landing	2835 kg (6250 lbs)
Ramp	3000 kg (6614 lbs)
For TBM700 C2 & N:	
Take-Off	3354 kg (7394 lbs)
Landing	3186 kg (7024 lbs)
Ramp	3370 kg (7430 lbs)
For TBM700 N equipped with MOD70-0680-10:	
Take-Off	3454 kg (7615 lbs)
Landing	3225 kg (7110 lbs)
Ramp	3470 kg (7650 lbs)

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14. Centre of Gravity Range

From	To	Weight up to	Applicability
4604 mm (181.3 in) 14% of MAC	4928 mm (194 in) 35.5% of MAC	2000 kg (4409 lbs)	TBM 700 A, B, C1, C2 & N
4664 mm (183.6 in) 18% of MAC	4928 mm (194 in) 35.5% of MAC	2835 kg (6250 lbs)	TBM 700 A, B, C1, C2 & N
4707 mm (185.3 in) 20,85% of MAC	4928 mm (194 in) 35.5% of MAC	2984 kg (6579 lbs)	TBM 700 A, B, C1, C2 & N
-	4928 mm (194 in) 35.5% of MAC	3169 kg (6986 lbs)	TBM 700 C2 & N
4752 mm (187.1 in) 23.8% of MAC	-	3186 kg (7024 lbs)	TBM 700 N equipped with MOD70-0680-10
4752 mm (187.1 in) 23.8% of MAC	4921 mm (193.7 in) 35% of MAC	3354 kg (7394 lbs)	TBM 700 C2 & N
4912mm (193.4 in) 34.4% of MAC	4916 mm (193.6 in) 34.7% of MAC	3454 kg (7615 lbs)	TBM 700 N equipped with MOD70-0680-10

Straight line between points given
MAC: Mean Aerodynamic Chord

15. Datum

3000 mm (118.11 in.) ahead of front firewall face.

16. Control Surface Deflections

Pitch control:

Elevator (Reference: Horizontal stabilizer chord)

Nose-up attitude:	30° ± 1.5°
Nose-down attitude:	10° ± 1°

Stabilator tab (elevator at 0º)

Nose-up attitude:	15° ± 1°
Nose-down attitude:	20° ± 1°

Roll control:

Ailerons (Reference: wing chord)

Up	15° ± 1°
Down	20° ± 1°

Spoiler (Reference: wing upper surface)

Up	58° + 2° / - 3°
Down	20.5° + 1° /- 5°

Aileron Tab

Up	14° ± 1°
Down	14° ± 1°

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Yaw control:

Rudder (Reference: fin chord)	
Left turn	26° ± 1°
Right turn	35° ± 1.5°
Rudder tab (Reference: rudder chord)	
Left turn	13.5° ± 1°
Right turn	9.5° ± 1°

17. Levelling Means

Refer to EASA approved Airplane Flight Manual, Section 8.
Refer to EASA approved Airplane Maintenance Manual, Chapter 08

18. Minimum Flight Crew

1 Pilot

19. Maximum Pasenger Seating Capacity

For TBM700 A, B, C1, C2, N:	5 PAX
For TBM700 A & B equipped with OPT70-25-002:	6 PAX

20. Baggage / Cargo Compartments

Refer to EASA approved Airplane Flight Manual, Section 6.

21. Whees and Tyres

Nose Landing Gear	
Wheelbase:	2910 mm (115 in)
Tire:	5.00x5-6 PR
Main Landing Gear	
Track width:	3880 mm (153 in)
Tire:	
For TBM700 A, B and TBM700 C1 not equipped with OPT70-01-029	18x5.5-8 PR
For TBM700 C1 equipped with OPT70-01-029, TBM700 C2 & N	18x5.5-10 PR

B.IV. Operating and Service Instructions

1. Airplane Flight Manual:

Airplane operation must be in accordance with the EASA approved AFM at the latest approved revision as defined below:

TBM700 A	Airplane Flight Manual, P/N DMAFM00EE0 Airplanes equipped with MOD70-0276-00: Airplane Flight Manual, P/N DMAFM00EE1
TBM700 B	
TBM700 C1	Airplane Flight Manual, P/N DMCFM00EE0
TBM700 C2	
TBM850	Airplane Flight Manual, P/N DMNFM00EE0
TBM850 G1000	Airplane Flight Manual, P/N DMNFM00EE1
TBM900	Airplane Flight Manual, P/N DMHFM00EE0 Airplanes equipped with MOD70-0440-72: Airplane Flight Manual, P/N DMHFM00EE1
TBM930	Airplane Flight Manual, P/N DMJFM00EE0
TBM910	Airplane Flight Manual, P/N DMJFM00EE1
TBM930 2018	Airplane Flight Manual, P/N DMDFM00EE0
TBM910 2019	Airplane Flight Manual, P/N DMDFM00EE1
TBM940	Airplane Flight Manual, P/N DMKFM00EE0
TBM960	Airplane Flight Manual, P/N DMMFM00EE0
TBM980	Airplane Flight Manual, P/N DMLFM00EE0

2. Airplane Flight Manual Supplements:

For AFM Supplements, refer to the EASA approved Airplane Flight Manual, Section 9.

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3. Airplane Maintenance Manual:

Airplane maintenance must be in accordance with the following EASA approved AMM at the latest revision:

TBM700 A	Airplane Maintenance Manual, P/N DMAMMPXEE0
TBM700 B	
TBM700 C1	
TBM700 C2	
TBM850	
TBM850 G1000	Airplane Maintenance Manual, P/N DMNMMPXEE0
TBM900	
TBM910	
TBM910 2019	
TBM930	Airplane Maintenance Manual, P/N DMJMMPXEE0
TBM930 2018	
TBM940	
TBM960	Airplane Maintenance Manual, P/N DMMMMPXEE0
TBM980	

4. Airplane Maintenance Manual Supplements:

In addition to the Airplane Maintenance Manual, maintenance must be performed in accordance with the following EASA approved AMM supplements at the latest revision:

For TBM700 A & B equipped with MOD70-0276-00, AMM Supplement S02, P/N DMAMMS02PEE0.

For TBM700 N equipped with MOD70-0749-96, 0751-23 & 0752-96, AMM Supplement S04 P/N DMKMMS04PEE0.

For TBM700 A & B military airplanes maintained under Daher process and control, AMM Supplement S05, P/N DMAMMS05PEE0.

For TBM700 N military airplanes maintained under Daher process and control, AMM Supplement S06, P/N DMKMMS06PEE0.

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B.V. Operational Suitability Data (OSD)

1. Master Minimum Equipment List (MMEL)

   TBM700 A, B, C & N airplanes Master Minimum Equipment List (MMEL) at the latest approved revision.

B.VI. Notes

1. Modifications

1.1. Modification OPT70-01-026 “Operational Ceiling at 31000ft”
This modification is applicable on TBM700A & B.

1.2. Modification OPT70-01-029 “Provisions for TBM700 C2”
This modification is applicable on TBM700 C1.

1.3. Modification OPT70-25-002 “Seven seats cabin configuration”
This modification is applicable on TBM700 A & B.

1.4. Modification MOD70-0176-00 “G1000 Integrated Flight Deck”:
This modification is applicable on TBM700 N from MSN434.

1.5. Modification MOD70-0211-57 “Fuel Tank Extension”:
This modification is applicable on TBM700 N from MSN434.

1.6. Modification MOD70-0234-24 “New Electrical Generation And Primary Distribution”:
This modification is applicable on TBM700 N from MSN1000, plus MSN687.

1.7. Modification MOD70-0276-00 “Retrofit G1000 Integrated Flight Deck”
This modification is applicable on TBM700 A & B.

1.8. Modification MOD70-0322-00 “Aerodynamic Efficiency Improvement”:
This modification is applicable on TBM700 N from MSN1000, plus MSN687.

1.9. Modification MOD70-0323-71 “Propulsion Efficiency Improvement”:
This modification is applicable on TBM700 N from MSN1000, plus MSN687.

1.10. Modification MOD70-0324-00 “Human Machine Interface Improvement”:
This modification is applicable on TBM700 N from MSN1000, plus MSN687.

1.11. Modification MOD70-0325-21 “Cabin Comfort Improvement”:
This modification is applicable on TBM700 N from MSN1000, plus MSN687.

1.12. Modification MOD70-0342-52 “Lower main landing gear doors”.
This modification is applicable in factory on TBM700 N from MSN1000, plus MSN687.

1.13. Modification MOD70-0345-61 “Installation of A 5-Blade Propeller”:
This modification is applicable on TBM700 N from MSN1000, plus MSN687.

1.14. Modification MOD70-0357-71 “Take-Off and Landing Operation at 850 SHP”:
This modification is applicable on TBM700 N from MSN1000, plus MSN687.

1.15. Modification MOD70-0388-25 “Amsafe Airbag Seat Belts”:
This modification is applicable on TBM700 N from MSN1170.

1.16. Modification MOD70-0407-00 “Aural Alerts Evolution and V15 Software for G1000 Integrated Flight Deck including ESP/USP option”:
Version A of MOD70-0407-00 introduces new aural alerts.
Version B of MOD70-0407-00 introduces the new GDU v15.00 Software version.
Version A & B of MOD70-0407-00 are applicable in factory on TBM700 N from MSN1106.
Version C of MOD70-0407-00 introduces the new GDU v15.11 Software version. This Software version mainly introduces ESP (Electronic Stability and Protection), AOA/USP (Angle Of Attack and Underspeed Protection).
Version C of MOD70-0407-00 is applicable in factory on TBM700 N from MSN1142.

1.17. Modification MOD70-0423-34 “Safe Flight: Lift transducer and AOA computer installation”:
This modification is applicable in factory on TBM700 N from MSN1106.

1.18. Modification MOD70-0439-79 “Oil pressure limits change”
This modification is applicable on TBM700 N from MSN1000, plus MSN687.

1.19. Modification MOD70-0440-72 “New torque indicating engine piston”
This modification is applicable on TBM700 N from MSN1050.

1.20. Modification MOD70-0462-34 “MidContinent Standby Altitude Module MD302”
This modification is applicable on TBM700 N from MSN1111.

1.21. Modification MOD70-0476-00 “Garmin G3000 Integrated Flight Deck”
This modification is applicable on TBM700 N from MSN1111.
Version C of MOD70-0476-00 mainly introduces ESP (Electronic Stability and Protection), AOA/USP (Angle Of Attack and Underspeed Protection).

1.22. Modification MOD70-0539-00 “G1000 Nxi Integrated Flight Deck”
Version A of MOD70-0539-00 is the G1000 Nxi basic Hardware configuration.
Version B of MOD70-0539-00 is the G1000 Nxi basic Sofware configuration.
Versions A and B of MOD70-0539-00 are applicable on TBM700 N from MSN1111.
Version H of MOD70-0539-00 provides the Software modification for the G1000 Nxi that supports Phase 2 hardware.
Versions H of MOD70-0539-00 is applicable on TBM700N from MSN1270.

1.23. Modification MOD70-0549-00 “G3000 2018 Integrated Flight deck and software V20.8X”
Version A of MOD70-0549-00 is the G3000NG 2018 basic Hardware configuration.
Version B of MOD70-0549-00 is the G3000NG 2018 basic Sofware configuration.
Versions A and B of MOD70-0549-00 are applicable on TBM700 N from MSN1216.

1.24. Modification MOD70-0550-00 “Auto-throttle”
This modification is applicable on TBM700 N from MSN1272.

1.25. Modification MOD70-0570-30 “Automatic Advisory In Flight ice detection system”
This modification is applicable on TBM700 N from MSN1270.

1.26. Modification MOD70-0619-11 “Modification of cabin interior markings”
This modification is applicable on TBM700 N from MSN1270.

1.27. Modification MOD70-0621-76 “Engine power increase, Engine Control and e-Throttle”
This modification is applicable on TBM700 N from MSN1408.

1.28. Modification MOD70-0632-34 “Magnetometer MD032 integration”
This modification is applicable on TBM700 N from MSN1408.

1.29. Modification MOD70-0646-21 “ENVIRO components Based ECS”
This modification is applicable on TBM700 N from MSN1408.

1.30. Modification MOD70-0649-00 “G3000 Software V21.25”
This modification is applicable on TBM700 N from MSN1272.

1.31. Modification MOD70-0650-34 “Emergency Autoland/HomeSafe System”
Version A of MOD70-0650-34 contains the unlock card that needs to be loaded to make the Emergency Autoland function available.
Version B of MOD70-0650-34 contains the Emergency Autoland activation means and the associated placards.
Version A & B of MOD70-0650-34 are applicable on TBM700 N from MSN1333.

1.32. Modification MOD70-0665-61 “5 blades Raptor Propeller”
This modification is applicable on TBM700 N from MSN1408.

1.33. Modification MOD70-0680-10 “Weight and Balance Modification”
This modification is applicable on TBM700 N from MSN1408.

1.34. Modification MOD70-0749-96 “ARAMIS”
This modification is applicable on TBM700 N MSN1372, MSN1376, MSN1381 & MSN1382.

1.35. Modification MOD70-0751-23 “VUHF and VHF extended range”
This modification is applicable on TBM700 N MSN1372, MSN1376, MSN1381 & MSN1382.

1.36. Modification MOD70-0752-96 “Electrical Capability for Winglet FTI”
This modification is applicable on TBM700 N MSN1372, MSN1376, MSN1381 & MSN1382.

1.37. Modification MOD70-0753-00 “G3000 Software Upgrade”
This modification is applicable on TBM700N from MSN1408.

1.38. Modification MOD70-0876-00 “G3000 Prime (GIFD 3.0)”
This modification is applicable on TBM700 N from MSN1626.

2. Explanatory Note to EASA.A.010 TCDS

2.1. Annex 1 - Special Conditions and Equivalent Safety Finding that are part of the applicable Certification Basis not requiring publication on EASA website;

2.2. Annex 2 - AMC material used by the TC holder in case that CS-23 amendment 5, or later, is applicable.

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SECTION C. ADMINISTRATIVE SECTION

C.I. Acronyms & Abbreviations

AFM – Airplane Flight Manual

AMM - Airplane Maintenance Manual

CRI - Certification Review Item

EASA - European Union Aviation Safety Agency

KCAS – Calibrated Airspeed [knots]

MAC – Mean Aerodynamic Chord

PFD – Primary Flight Display

POH - Pilot's Operating Handbook

P/N – Part Number

RPM - Rotations per Minute

TCDS - Type Certificate Data Sheet

TCDSN - Type Certificate Data Sheet for Noise

C.II. Type Certificate Holder Record

1979 to 2000:	Société de Construction d'Avions de Tourisme et d'Affaires "S.O.C.A.T.A." - Groupe Aerospatiale Boîte Postale n° 930 65009 Tarbes France
2000 to 2009:	EADS SOCATA 65921 Tarbes Cedex 9 FRANCE
2009 to 2018:	SOCATA 65921 Tarbes Cedex 9 France
2018 to 2025:	Daher Aerospace 7 Avenue de l'Union 94390 Orly Aerogare Cedex France
Since 2026 :	Daher Aircraft, SAS 7 Avenue de l'Union 94390 Orly Aerogare Cedex France

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C.III. Aircraft Manufacturer Record

1979 to 2000:	Société de Construction d'Avions de Tourisme et d'Affaires "S.O.C.A.T.A." - Groupe Aerospatiale
2000 to 2009:	EADS SOCATA
2009 to 2018:	SOCATA
2018 to 2026:	Compagnie Daher
Since 2026 :	Daher Aircraft, SAS

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C.IV. Change Record

Issue	Date	Changes	TC Issue No. & Date
Issue 01	July 14, 2004	Initial Issue	Issue 01 July 14, 2004
Issue 02	November 26, 2004	Editorial changes.	
Issue 03	February 10, 2005	Editorial changes.	
Issue 04	February 12, 2006	Introduction of TBM700N (TBM850).	Issue 02 January 12, 2006
Issue 05	April 21, 2006	Correction to issue number of CRI A-1 in II.4(b) to issue 2 Introduction of Change Record.	
Issue 06	December 21, 2007	Introduction of MOD70-176-00 (G1000 Integrated Flight Deck) and MOD70-211-57 (Fuel Tank Extension) on TBM700N variant.	
Issue 07	March 25, 2009	Editorial changes due to change of ownership from EADS Socata to SOCATA-Daher. TC Holder name formally reverts to SOCATA.	Issue 03 March 25, 2009
Issue 08	February 27, 2014	New presentation of the TCDS to ease the search of data concerning the various TBM700 variants and major changes and to match last TCDS EASA template. Correction of authorized weight in baggage compartments according to TBM700 variants. Correction of centre of gravity range table for TBM700C2 and TBM700N variants. Introduction of modifications MOD70-0226-00, MOD70-0275-00 and MOD70-276-00. Introduction of modifications MOD70-0234-24, MOD70-0322-00, MOD70-0323-71, MOD70-0324-00, MOD70-0325-21, MOD70-0357-71 and MOD70-0345-61.	
Issue 09	March 20, 2014	Corrected mistake in reference of applicable technical documentation for TBM 700 A and B variants. Correction of mistake in type identification of optional 5-blade propeller for TBM 700 N variant from s/n 1000, plus s/n 687.	

Issue	Date	Changes	TC Issue No. & Date
Issue 10	April 06, 2016	Adding of Operational Suitability Data (OSD): TBM700 A, B, C, N Master Minimum Equipment List causing a shift in the paragraph numbering all along the document. Adding of SOCATA modification MOD70-0439-79 and POH TBM900 Edition 1. Creation of chapter IV in section E for TBM700 N Trade name "TBM 930" with the following major changes: MOD70-0476-00, MOD70-0462-34, MOD70-0423-34, MOD70-0226-00 valid only for airplanes equipped with modification MOD70-0476-00.	
Issue 11	September 08, 2017	Correction in Sections A, B, C, D and chapters E1 to EIII of cross-references to paragraph concerning current TBM700 MMEL and updating of MMEL revision. Correction of CRI F-02 issue number from Chapter EIV. Adding of SOCATA modification MOD70-0407-00. Closing of TBM 900 S/N eligibility. Adding of SOCATA optional modification MOD70-0388-25, MOD70-0505-25, MOD70-0510-27. Creation of chapter E.V for TBM700 N Trade name “TBM 910”.	
Issue 12	April 10, 2018	Update of the template according to EASA template. Change of manufacturer name : SOCATA becomes COMPAGNIE DAHER. Adding of Section J : TBM700 N with MOD70-0549-00. Adding of section L : Administrative section. Paragraph numbering changed according to template.	
Issue 13	April 12, 2018	Change of name of TCH: SOCATA becomes DAHER AEROSPACE.	Issue 04 April 12, 2018
Issue 14	May 17, 2019	Sections A, B, C, D: correction of eligible Serial numbers. All sections: correction of cross-reference to general data section. Correction of some cross-references to Notes paragraph. Correction of G.III paragraph 5 data further to re-issue of the TCDS at new EASA template. Adding of missing data in G.III paragraphs 8.4 and 8.6 further to re-issue of the TCDS at new EASA template. Correction of J.I paragraph 3 data concerning CRI F-14 further to re-issue of the TCDS at new EASA template. Adding of J.III paragraph 2 missing data concerning applicability of MOD70-0549-00.	

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Issue	Date	Changes	TC Issue No. & Date
		Correction of J.III paragraph 3 data further to re-issue of the TCDS at new EASA template. Section K becomes Section M due to adding of Sections K and L, as well as Section L, which becomes Section N. Adding Section K: Introduction of TBM910 through the following major changes: MOD70-0539-00 Version H, MOD70-0632-34, MOD70-0619-11 and MOD70-0570-30. Adding of Section L: Introduction of TBM940 through the following major changes: MOD70-0649-00, MOD70-0632-34, MOD70-0619-11, MOD70-0570-30 and MOD70-0550-00.	
Issue 15	July 28, 2020	Update according to the EASA TCDS template Issue 2 of 2019. Manufacturer name changed in Sections A, B, C and D, paragraph General: SOCATA becomes COMPAGNIE DAHER. Corrections of airspeeds to be consistent with AFM data. Paragraphs OSD: Update of MMEL revision and approval date Section F, paragraphs F.III and F.V: Adding of details for MOD70-0315-25 “Cabin multi-configuration” Section G: Correction of Supplement 50 edition and revision valid for TBM900 airplanes Section G: correction of an oversight: addition of Supplement 53 Edition 1 Revision 2 for airplanes equipped with optional MOD70-0505-25 Version C Sections H, I and J: Closing of effectivity for TBM930 airplanes and TBM910 airplanes pre-2019 Sections I and J: Correction of title Corrections of error concerning fuel total usable capacity in gallons for TBM930 and TBM940 airplanes. Section L: Introduction of new Major Change: MOD70-0650-34.	
Issue 16	March 25, 2022	Section M: Introduction of TBM 960 through the following major changes: MOD70-0621-76, MOD70-0665-61, MOD70-0753-00, MOD70-0646-21 and MOD70-0680-10.	
Issue 17	July 11, 2022	Section M.II: Corrections of Airworthiness Requirements and Requirements elected to comply sections	
Issue 18	December 20, 2022	Table of content update. Change of TCH address in heading page and Section O.	

Issue	Date	Changes	TC Issue No. & Date
Issue 19	August 07, 2024	Table of content update All TBM700, fluid section modified. Section G : Paragraph G.1, §6. Other informations : S/N 1156 replaced by SN1159. Section L : Paragraph L.2. EASA Certification Basis, §3. Special Conditions : removal of CRI F-201 et CRI F-202. Section M : Paragraph M.2. EASA Certification Basis, §3. Special Conditions : removal of CRI F-201 et CRI F-202. Correction of §16. Environmental protection Correction of §19. Description : removal of MOD70-0357-71 (Take off and landing operation at 850 SHP).	Issue 05 August 07, 2024
Issue 20	December 18, 2025	New section A created to present general data applicable to all TBM700. Previous Section A to M are merged into new Section B to present data applicable to TBM700 A, B, C1, C2 & N. Previous Section N presenting notes applicable to all TBM700 is removed. In new Section A, introduction of the new commercial designation TBM980 through the introduction of MOD70-0876-00 on TBM700 N. Name of the TCH is changed from Daher Aerospace to Daher Aircraft, SAS.	
Issue 21	April 03, 2026	Correction of B.I.5 EASA Type Certificate Date Correction of B.I.6 Eligible MSN Correction of B.II.2 Airworthiness requirements Addition of aircraft manufacturer record in C.III. Correction of B 1.2 Models/variants to remove MOD70-0439-79 (not applicable to TBM960/980)	
Issue 22	April 24, 2026	Name of the Manufacturer is changed from Compagnie Daher to Daher Aircraft, SAS. Addition of Explanatory Note to TCDS EASA.A.010 in B.IV. Notes	

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