



TYPE-CERTIFICATE DATA SHEET FOR NOISE

No. EASA.A.010

for

TBM700

Type Certificate Holder:

DAHER Aircraft

Immeuble Belaïa

7 Avenue de l'Union

94390 Orly

FRANCE

For models:

TBM700 A

TBM700 B

TBM700 C1

TBM700 C2

TBM700 N



INTENTIONALLY LEFT BLANK



Type Certificate Holder¹ **DAHER Aircraft** Aircraft Type Designation¹ **TBM700 A**

Engine TC Holder **Pratt & Whitney Canada** Engine Type Designation¹ **PT6A-64**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 2 / Amendment 3** Chapter¹ **10 (10.4a)**

EASA Record No.	Propeller TC Holder	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels ¹	Maximum Take-Off Mass ¹ (kg)	Take-Off dB(A)		See Note
					Level ¹	Limit	
C4950	Hartzell Propeller Inc.	HC-E4N-3/E9083 S(K)	None	2,984	80.4	88.0	-

¹ See Note 1.



Type Certificate Holder¹ **DAHER Aircraft** Aircraft Type Designation¹ **TBM700 B**

Engine TC Holder **Pratt & Whitney Canada** Engine Type Designation¹ **PT6A-64**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 2 / Amendment 3** Chapter¹ **10 (10.4a)**

EASA Record No.	Propeller TC Holder	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels ¹	Maximum Take-Off Mass ¹ (kg)	Take-Off dB(A)		See Note
					Level ¹	Limit	
C1717	Hartzell Propeller Inc.	HC-E4N-3/E9083 S(K)	None	2,984	80.4	88.0	-

¹ See Note 1.



Type Certificate Holder¹ **DAHER Aircraft** Aircraft Type Designation¹ **TBM700 C1**

Engine TC Holder **Pratt & Whitney Canada** Engine Type Designation¹ **PT6A-64**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 2 / Amendment 3** Chapter¹ **10 (10.4a)**

EASA Record No.	Propeller TC Holder	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels ¹	Maximum Take-Off Mass ¹ (kg)	Take-Off dB(A)		See Note
					Level ¹	Limit	
C1718	Hartzell Propeller Inc.	HC-E4N-3/E9083 S(K)	None	2,984	80.4	88.0	-

¹ See Note 1.



Type Certificate Holder¹ **DAHER Aircraft** Aircraft Type Designation¹ **TBM700 C2**

Engine TC Holder **Pratt & Whitney Canada** Engine Type Designation¹ **PT6A-64**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 3 / Amendment 7** Chapter¹ **10 (10.4b)**

EASA Record No.	Propeller TC Holder	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels ¹	Maximum Take-Off Mass ¹ (kg)	Take-Off dB(A)		See Note
					Level ¹	Limit	
C2818	Hartzell Propeller Inc.	HC-E4N-3/E9083 S(K)	None	3,354	79.6	85.0	-

¹ See Note 1.



Type Certificate Holder¹ **DAHER Aircraft** Aircraft Type Designation¹ **TBM700 N**

Engine TC Holder **Pratt & Whitney Canada** Engine Type Designation¹ **PT6A-66D**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 4 / Amendment 8** Chapter¹ **10 (10.4b)**

EASA Record No.	Propeller TC Holder	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels ¹	Maximum Take-Off Mass ¹ (kg)	Take-Off dB(A)		See Note
					Level ¹	Limit	
C5001	Hartzell Propeller Inc.	HC-E4N-3/E9083 S(K)	None	3,354	79.2	85.0	-

¹ See Note 1.



Type Certificate Holder¹ **DAHER Aircraft** Aircraft Type Designation¹ **TBM700 N**
 (Commercial Designation **TBM900)**

Engine TC Holder **Pratt & Whitney Canada** Engine Type Designation¹ **PT6A-66D**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **10 (10.4b)**

EASA Record No.	Propeller TC Holder	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels ¹	Maximum Take-Off Mass ¹ (kg)	Take-Off dB(A)		See Note
					Level ¹	Limit	
C11588	Hartzell Propeller Inc.	HC-E4N-3/E9083 S(K)	70-0322-00, 70-0323-71 and 70-0357-71 (Winglet, additional gear down, new tail cone and edge. New 'pitot' air intake, modified engine cowls and exhaust stubs. 850 HP maximum engine power during TO and landing.)	3,354	77.8	85.0	2
C11589	Hartzell Propeller Inc.	HC-E5N-3C/NC8834K	70-0322-00, 70-0323-71, 70-0357-71 and 70-0345-61 (Winglet, additional gear down, new tail cone and edge. New 'pitot' air intake, modified engine cowls and exhaust stubs. 850 HP maximum engine power during TO and landing. Installation of five blades propeller.)	3,354	76.4	85.0	2

¹ See Note 1.



Type Certificate Holder¹ **DAHER Aircraft** Aircraft Type Designation¹ **TBM700 N**
 (Commercial Designation **TBM960**)

Engine TC Holder **Pratt & Whitney Canada** Engine Type Designation¹ **PT6E-66XT**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 8 / Amendment 12** Chapter¹ **10 (10.4b)**

EASA Record No.	Propeller TC Holder	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels ¹	Maximum Take-Off Mass ¹ (kg)	Take-Off dB(A)		See Note
					Level ¹	Limit	
C14638	Hartzell Propeller Inc.	5D31-NK366B1/86DB01B	MOD70-0621-76, MOD70-0665-61, MOD70-0322-00, MOD70-0323-71, MOD70-0357-71 and MOD70-0680-10 (Engine installation (Engine power increase, Engine control and e-Throttle), Propeller installation, Aerodynamic efficiency Improvement, Propulsion Efficiency Improvement, Take-off and landing operation at 850 SHP and MTOM increase to 3454 kg), Muffler: DAHER AEROSPACE NOZZLE	3,454	77.1	85.0	-

¹ See Note 1.



Correspondence between the ICAO Annex 16 Volume I levels of amendment and the related EU regulations

The table below provides the correspondence between the levels of amendment of Volume I of ICAO Annex 16 and the related EU regulations that have implemented these levels of amendment since 2003, as well as the respective applicability dates.

ICAO Annex 16 Volume I		EU regulations	
Amendment level	Applicability date	Regulation number	Applicability date
Amendment 14	01/01/2024	Regulation (EU) 2025/870*	25/05/2025
Amendment 13	01/01/2021	Regulation (EU) 2021/1087*	25/07/2021
Amendment 12	01/01/2018	Regulation (EU) 2018/1139 (Art.9)	11/09/2018
Amendment 11-B	01/01/2015	Regulation (EU) 2016/4*	26/01/2016
Amendment 10	17/11/2011	Regulation (EU) No 6/2013*	29/01/2013
Amendment 9	20/11/2008	Regulation (EC) No 690/2009*	20/08/2009
Amendment 8	24/11/2005	Regulation (EC) No 216/2008 (Art.6)	29/03/2007
		Regulation (EC) No 334/2007*	29/03/2007
Amendment 7	21/03/2002	Regulation (EC) No 1701/2003*	28/09/2003
Amendment 6	04/11/1999	Regulation (EC) No 1592/2002 (Art.6)	28/09/2003

* Regulations that amend Article 6 of Regulations (EC) No 1592/2002 and (EC) No 216/2008, and Article 9 of Regulation (EU) 2018/1139

TCDSN EASA.A.010 Notes

1. In cases where it is appropriate to issue a noise certificate, items so marked shall be included on EASA Form 45.
2. also applicable to TBM910 and TBM930



Change Record

Issue	Date	Changes
Issue 01	08 January 2007	Initial Issue
Issue 02	29 January 2007	Page 3: Revise record C1719 Page 5: Revise record C1721
Issue 03	20 April 2007	Page 3: Delete record C1719 Page 4: Delete record C1720 Page 5: Delete record C1721 Page 3: Add record C4950 Page 4: Add record C1717 Page 5: Add record C1718 Page 6: Add record C2818 Page 7 Add record C5001
Issue 04	17 April 2009	Page 3: Revise record C4950 Page 4: Revise record C1717 Page 5: Revise record C1718 Page 6: Revise record C2818 Page 7 Revise record C5001
Issue 05	27 February 2014	Records C11587 - C11589 added.
Issue 06	05 March 2014	Record C11587 removed from TCDSN.
Issue 07	24 March 2014	Revision of the propeller type designation (record C11589)
Issue 08	12 April 2018	Change of TC holder name to DAHER AEROSPACE
Issue 09	25 March 2022	Record C14638 added
Issue 10	26 January 2026	TC holder name and address revised

