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# TYPE-CERTIFICATE DATA SHEET FOR NOISE

**No. EASA.A.010**

**for**

**TBM700**

**Type Certificate Holder:**

**DAHER AEROSPACE**

23 route de TOURS

41400 SAINT JULIEN DE CHEDON

FRANCE

For models:

TBM700 A

TBM700 B

TBM700 C1

TBM700 C2

TBM700 N



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Type Certificate Holder<sup>1</sup>      **DAHER AEROSPACE**      Aircraft Type Designation<sup>1</sup>      **TBM700 A**

Engine Manufacturer<sup>1</sup>      **Pratt & Whitney Canada**      Engine Type Designation<sup>1</sup>      **PT6A-64**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      **Edition 2 / Amendment 3**      Chapter<sup>1</sup>      **10 (10.4a)**

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

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



Type Certificate Holder<sup>1</sup>      **DAHER AEROSPACE**      Aircraft Type Designation<sup>1</sup>      **TBM700 B**

Engine Manufacturer<sup>1</sup>      **Pratt & Whitney Canada**      Engine Type Designation<sup>1</sup>      **PT6A-64**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      **Edition 2 / Amendment 3**      Chapter<sup>1</sup>      **10 (10.4a)**

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

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



Type Certificate Holder<sup>1</sup>      **DAHER AEROSPACE**      Aircraft Type Designation<sup>1</sup>      **TBM700 C1**

Engine Manufacturer<sup>1</sup>      **Pratt & Whitney Canada**      Engine Type Designation<sup>1</sup>      **PT6A-64**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      **Edition 2 / Amendment 3**      Chapter<sup>1</sup>      **10 (10.4a)**

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

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



Type Certificate Holder<sup>1</sup>      **DAHER AEROSPACE**      Aircraft Type Designation<sup>1</sup>      **TBM700 C2**

Engine Manufacturer<sup>1</sup>      **Pratt & Whitney Canada**      Engine Type Designation<sup>1</sup>      **PT6A-64**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      **Edition 3 / Amendment 7**      Chapter<sup>1</sup>      **10 (10.4b)**

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

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



Type Certificate Holder<sup>1</sup>      **DAHER AEROSPACE**      Aircraft Type Designation<sup>1</sup>      **TBM700 N**

Engine Manufacturer<sup>1</sup>      **Pratt & Whitney Canada**      Engine Type Designation<sup>1</sup>      **PT6A-66D**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      **Edition 4 / Amendment 8**      Chapter<sup>1</sup>      **10 (10.4b)**

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

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



Type Certificate Holder <sup>1</sup>	<b>DAHER AEROSPACE</b>	Aircraft Type Designation <sup>1</sup> (Commercial Designation	<b>TBM700 N</b> <b>TBM900)</b>
Engine Manufacturer <sup>1</sup>	<b>Pratt &amp; Whitney Canada</b>	Engine Type Designation <sup>1</sup>	<b>PT6A-66D</b>
Noise Certification Basis	<b>ICAO Annex 16, Volume I</b>	Edition / Amendment	Chapter <sup>1</sup> <b>10 (10.4b)</b>

EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels <sup>1</sup>	Maximum Take-Off Mass <sup>1</sup> (kg)	Take-Off dB(A)		See Note
					Level <sup>1</sup>	Limit	
C11588	<b>Hartzell Propeller Inc.</b>	<b>HC-E4N-3/E9083 S(K)</b>	<b>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.)</b>	<b>3,354</b>	<b>77.8</b>	<b>85.0</b>	<b>2</b>
C11589	<b>Hartzell Propeller Inc.</b>	<b>HC-E5N-3C/NC8834K</b>	<b>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.)</b>	<b>3,354</b>	<b>76.4</b>	<b>85.0</b>	<b>2</b>

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





Type Certificate Holder<sup>1</sup>      **DAHER AEROSPACE**      Aircraft Type Designation<sup>1</sup>      **TBM700 N**  
 (Commercial Designation      **TBM960**)

Engine Manufacturer<sup>1</sup>      **Pratt & Whitney Canada**      Engine Type Designation<sup>1</sup>      **PT6E-66XT**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      **Edition 8 / Amendment 12**      Chapter<sup>1</sup>      **10 (10.4b)**

EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels <sup>1</sup>	Maximum Take-Off Mass <sup>1</sup> (kg)	Take-Off dB(A)		See Note
					Level <sup>1</sup>	Limit	
C14638	<b>Hartzell Propeller Inc.</b>	<b>HC-5D31-NK366B1/86DB01B</b>	<b>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), Silencer: DAHER AEROSPACE NOZZLE</b>	<b>3,454</b>	<b>77.1</b>	<b>85.0</b>	-

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



**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.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

<b>Issue</b>	<b>Date</b>	<b>Changes</b>
Issue 1	08 January 2007	Initial Issue
Issue 2	29 January 2007	Page 3: Revise record C1719 Page 5: Revise record C1721
Issue 3	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 4	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 5	27 February 2014	Records C11587 - C11589 added.
Issue 6	05 March 2014	Record C11587 removed from TCDSN.
Issue 7	24 March 2014	Revision of the propeller type designation (record C11589)
Issue 8	12 April 2018	Change of TC holder name to DAHER AEROSPACE
Issue 9	25 March 2022	Record C14638 added

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