

# ***European Aviation Safety Agency***

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

### **TBM700**

**Manufacturer:  
SOCATA**

65921 Tarbes Cedex 9  
FRANCE

For models: TBM700 A  
TBM700 B  
TBM700 C1  
TBM700 C2  
TBM700 N

Issue 4, 17 April 2009

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Aircraft Manufacturer *	<b>SOCATA</b>	Aircraft Type Designation *	<b>TBM 700 A</b>
Engine Manufacturer *	<b>Pratt &amp; Whitney</b>	Engine Type Designation *	<b>PT6A-64</b>
Propeller Manufacturer *	<b>Hartzell Propeller Inc.</b>	Propeller Type Designation *	<b>HC-E4N-3/E9083 S(K)</b>

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels \* **None**

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

EASA Record No.	Maximum Mass Take-off mass * (kg)	Take-off dB(A)	
		Level *	Limit
C4950	<b>2,984</b>	<b>80.4</b>	<b>88.0</b>

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\* Items so marked shall be included on EASA Form 45.

Aircraft Manufacturer *	<b>SOCATA</b>	Aircraft Type Designation *	<b>TBM 700 B</b>
Engine Manufacturer *	<b>Pratt &amp; Whitney</b>	Engine Type Designation *	<b>PT6A-64</b>
Propeller Manufacturer *	<b>Hartzell Propeller Inc.</b>	Propeller Type Designation *	<b>HC-E4N-3/E9083 S(K)</b>

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels \* **None**

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

EASA Record No.	Maximum Mass Take-off mass * (kg)	Take-off dB(A)	
		Level *	Limit
C1717	<b>2,984</b>	<b>80.4</b>	<b>88.0</b>

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\* Items so marked shall be included on EASA Form 45.

Aircraft Manufacturer *	<b>SOCATA</b>	Aircraft Type Designation *	<b>TBM 700 C1</b>
Engine Manufacturer *	<b>Pratt &amp; Whitney</b>	Engine Type Designation *	<b>PT6A-64</b>
Propeller Manufacturer *	<b>Hartzell Propeller Inc.</b>	Propeller Type Designation *	<b>HC-E4N-3/E9083 S(K)</b>

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels \* **None**

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

EASA Record No.	Maximum Mass Take-off mass * (kg)	Take-off dB(A)	
		Level *	Limit
C1718	<b>2,984</b>	<b>80.4</b>	<b>88.0</b>

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\* Items so marked shall be included on EASA Form 45.

Aircraft Manufacturer *	<b>SOCATA</b>	Aircraft Type Designation *	<b>TBM 700 C2</b>
Engine Manufacturer *	<b>Pratt &amp; Whitney</b>	Engine Type Designation *	<b>PT6A-64</b>
Propeller Manufacturer *	<b>Hartzell Propeller Inc.</b>	Propeller Type Designation *	<b>HC-E4N-3/E9083 S(K)</b>

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels \* **None**

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

EASA Record No.	Maximum Mass Take-off mass * (kg)	Take-off dB(A)	
		Level *	Limit
C2818	<b>3,354</b>	<b>79.6</b>	<b>85.0</b>

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\* Items so marked shall be included on EASA Form 45.

Aircraft Manufacturer *	<b>SOCATA</b>	Aircraft Type Designation *	<b>TBM 700 N</b>
Engine Manufacturer *	<b>Pratt &amp; Whitney</b>	Engine Type Designation *	<b>PT6A-66D</b>
Propeller Manufacturer *	<b>Hartzell Propeller Inc.</b>	Propeller Type Designation *	<b>HC-E4N-3/E9083 S(K)</b>

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels \* **None**

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

EASA Record No.	Maximum Mass Take-off mass * (kg)	Take-off dB(A)	
		Level *	Limit
C5001	<b>3,354</b>	<b>79.2</b>	<b>85.0</b>

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\* Items so marked shall be included on EASA Form 45.