
TYPE-CERTIFICATE DATA SHEET FOR NOISE

UK.TC.A.00048

for

TBM700

Type Certificate holder

DAHER AEROSPACE

7 avenue de l'UNION
94390 ORLY AEROGARE CEDEX
FRANCE

Model(s): TBM700 A
TBM700 B
TBM700 C1
TBM700 C2
TBM700 N

Issue: 1

Date of issue: 17 November 2022

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Type Designation	Airframe Modification	MTOW (kg)	Engine	Engine Modification	Muffler	Propeller	Regulation Ed./Amend. Chapter	Level dB(A)	Limit dB(A)	Notes	Record Number
TBM700 A	None	2,984	Pratt & Whitney Canada PT6A-64	None	None	Hartzell Propeller Inc. HC-E4N-3/E9083 S(K)	Annex 16 2/3 Chapter 10 (10.4a)	80.4	88.0	None	C4950
TBM700 B	None	2,984	Pratt & Whitney Canada PT6A-64	None	None	Hartzell Propeller Inc. HC-E4N-3/E9083 S(K)	Annex 16 2/3 Chapter 10 (10.4a)	80.4	88.0	None	C1717
TBM700 C1	None	2,984	Pratt & Whitney Canada PT6A-64	None	None	Hartzell Propeller Inc. HC-E4N-3/E9083 S(K)	Annex 16 2/3 Chapter 10 (10.4a)	80.4	88.0	None	C1718
TBM700 C2	None	3,354	Pratt & Whitney Canada PT6A-64	None	None	Hartzell Propeller Inc. HC-E4N-3/E9083 S(K)	Annex 16 3/7 Chapter 10 (10.4b)	79.6	85.0	None	C2818
TBM700 N	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	Pratt & Whitney Canada PT6A-66D	None	None	Hartzell Propeller Inc. HC-E4N-3/E9083 S(K)	Annex 16 4/8 Chapter 10 (10.4b)	77.8	85.0	Also applicable to TBM910 and TBM930	C11588
TBM700 N	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	Pratt & Whitney Canada PT6A-66D	None	None	Hartzell Propeller Inc. HC-E5N-3C/NC8834K	Annex 16 4/8 Chapter 10 (10.4b)	76.4	85.0	Also applicable to TBM910 and TBM930	C11589
TBM700 N	None	3,354	Pratt & Whitney Canada PT6A-66D	None	None	Hartzell Propeller Inc. HC-E4N-3/E9083 S(K)	Annex 16 4/8 Chapter 10 (10.4b)	79.2	85.0	None	C5001
TBM700 N	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	3,454	Pratt & Whitney Canada PT6E-66XT	None	DAHER AEROSPACE Nozzle	Hartzell Propeller Inc. HC-5D31-NK366B1/86DB01B	Annex 16 8/12 Chapter 10 (10.4b)	77.1	85.0	None	G14522

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Administration

I. Acronyms and Abbreviations

Acronym / Abbreviation	Definition
dB(A)	Maximum A-weighted noise level
Ed./Amend.	Edition/Amendment
MTOW	Maximum take-off weight
Regulation Annex 16/I	ICAO Annex 16 Volume I
TCDSN	Type Certificate Datasheet for Noise

II. Type Certificate Holder Record

TCH Record	Period
DAHER AEROSPACE 7 avenue de l'UNION 94390 ORLY AEROGARE CEDEX FRANCE	Present. No changes

III. Amendment Record

TCDSN Issue No.	TCDSN Issue Date	Changes	TC Issue and Date
1	17 November 2022	Initial	Issue 1 17 November 2022