

TYPE-CERTIFICATE DATA SHEET FOR NOISE

UK.TC.A.00087

for

Textron Aviation 500, 550, S550, 560, 560XL

Type Certificate Holder

Textron Aviation Inc.

One Cessna Boulevard

Wichita

Kansas 67215

USA

Model(s) 500
550
S550
560
560XL

Issue: 1

Date of issue: 29 September 2023

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Type Designation	Airframe Modification	MTOW (kg)	MLW (kg)	Engine	Regulation Ed./Amend. Chapter	Lateral Level (EPNdB)	Lateral Limit (EPNdB)	Flyover Level (EPNdB)	Flyover Limit (EPNdB)	Approach Level (EPNdB)	Approach Limit (EPNdB)	Notes	Record Number
Cessna 500	None	4,921	4,717	Pratt & Whitney Canada, Inc. JT15D-1	Annex 16/Chapter 3	86.5	94.0	77.3	89.0	87.7	98.0	None	A4892
Cessna 500	None	4,921	4,717	Pratt & Whitney Canada, Inc. JT15D-1, JT15D-1A	Annex 16/Chapter 3	86.5	94.0	77.3	89.0	87.7	98.0	None	A6332
Cessna 500	None	4,921	4,717	Pratt & Whitney Canada, Inc. JT15D-1, JT15D-1B	Annex 16/Chapter 3	86.5	94.0	77.3	89.0	87.7	98.0	None	A6335
Cessna 500	None	4,921	4,717	Pratt & Whitney Canada, Inc. JT15D-1A	Annex 16/Chapter 3	86.5	94.0	77.3	89.0	87.7	98.0	None	A4893
Cessna 500	None	4,921	4,717	Pratt & Whitney Canada, Inc. JT15D-1A, JT15D-1B	Annex 16/Chapter 3	86.5	94.0	77.3	89.0	87.7	98.0	None	A6338
Cessna 500	None	4,921	4,717	Pratt & Whitney Canada, Inc. JT15D-1B	Annex 16/Chapter 3	86.5	94.0	77.3	89.0	87.7	98.0	None	A6329
Cessna 500	None	5,216	4,990	Pratt & Whitney Canada, Inc. JT15D-1	Annex 16/Chapter 3	86.5	94.0	77.8	89.0	87.7	98.0	None	A4894
Cessna 500	None	5,216	4,990	Pratt & Whitney Canada, Inc. JT15D-1, JT15D-1A	Annex 16/Chapter 3	86.5	94.0	77.8	89.0	87.7	98.0	None	A6331
Cessna 500	None	5,216	4,990	Pratt & Whitney Canada, Inc. JT15D-1, JT15D-1B	Annex 16/Chapter 3	86.5	94.0	77.8	89.0	87.7	98.0	None	A6334
Cessna 500	None	5,216	4,990	Pratt & Whitney Canada, Inc. JT15D-1A	Annex 16/Chapter 3	86.5	94.0	77.8	89.0	87.7	98.0	None	A4895
Cessna 500	None	5,216	4,990	Pratt & Whitney Canada, Inc. JT15D-1A, JT15D-1B	Annex 16/Chapter 3	86.5	94.0	77.8	89.0	87.7	98.0	None	A6337
Cessna 500	None	5,216	4,990	Pratt & Whitney Canada, Inc. JT15D-1B	Annex 16/Chapter 3	86.5	94.0	77.8	89.0	87.7	98.0	None	A4896
Cessna 500	None	5,376	5,148	Pratt & Whitney Canada, Inc. JT15D-1	Annex 16/Chapter 3	86.5	94.0	78.5	89.0	87.7	98.0	None	A4897
Cessna 500	None	5,376	5,148	Pratt & Whitney Canada, Inc. JT15D-1, JT15D-1A	Annex 16/Chapter 3	86.5	94.0	78.5	89.0	87.7	98.0	None	A6330
Cessna 500	None	5,376	5,148	Pratt & Whitney Canada, Inc. JT15D-1, JT15D-1B	Annex 16/Chapter 3	86.5	94.0	78.5	89.0	87.7	98.0	None	A6333
Cessna 500	None	5,376	5,148	Pratt & Whitney Canada, Inc. JT15D-1A	Annex 16/Chapter 3	86.5	94.0	78.5	89.0	87.7	98.0	None	A4898
Cessna 500	None	5,376	5,148	Pratt & Whitney Canada, Inc. JT15D-1A, JT15D-1B	Annex 16/Chapter 3	86.5	94.0	78.5	89.0	87.7	98.0	None	A6336
Cessna 500	None	5,376	5,148	Pratt & Whitney Canada, Inc. JT15D-1B	Annex 16/Chapter 3	86.5	94.0	78.5	89.0	87.7	98.0	None	A4899

Type Designation	Airframe Modification	MTOW (kg)	MLW (kg)	Engine	Regulation Ed./Amend. Chapter	Lateral Level (EPNdB)	Lateral Limit (EPNdB)	Flyover Level (EPNdB)	Flyover Limit (EPNdB)	Approach Level (EPNdB)	Approach Limit (EPNdB)	Notes	Record Number
Model 550	None	6,033	5,761	Pratt & Whitney Canada, Inc. JT15D-4	Annex 16/Chapter 3	86.7	94.0	80.1	89.0	90.2	98.0	None	A4902
Model 550	None	6,396	6,124	Pratt & Whitney Canada, Inc. JT15D-4	Annex 16/Chapter 3	86.4	94.0	71.6	89.0	90.8	98.0	None	A4903
Model 550	None	6,713	6,123	Pratt & Whitney Canada, Inc. PW530A	Annex 16/Chapter 3	85.2	94.0	73.7	89.0	91.2	98.0	None	A5651
Model 560	None	7,212	6,895	Pratt & Whitney Canada, Inc. JT15D-5A	Annex 16/Chapter 3	94.7	94.0	83.7	89.0	88.9	98.0	None	A4906
Model 560	None	7,394	6,895	Pratt & Whitney Canada, Inc. JT15D-5D	Annex 16/Chapter 3	95.9	94.0	82.9	89.0	85.7	98.0	None	A1296
Model 560	None	7,543	6,895	Pratt & Whitney Canada, Inc. PW535A	Annex 16/Chapter 3	89.8	94.0	70.0	89.0	90.5	98.0	None	A1295
Model 560	None	7,634	6,895	Pratt & Whitney Canada, Inc. PW535B	Annex 16/3/7 Chapter 3	89.6	94.0	71.5	89.0	90.7	98.0	None	A6301
Model 560XL	None	9,072	8,482	Pratt & Whitney Canada, Inc. PW545A	Annex 16/Chapter 3	84.8	94.0	72.0	89.0	93.1	98.0	None	A1294
Model 560XL	None	9,163	8,482	Pratt & Whitney Canada, Inc. PW545B	Annex 16/3/7 Chapter 4	86.8	94.0	72.1	89.0	92.8	98.0	None	A66
Model 560XL	None	9,163	8,482	Pratt & Whitney Canada, Inc. PW545C	Annex 16/3/7 Chapter 4	86.8	94.0	72.2	89.0	92.8	98.0	None	A10106
Model 560XL	SB 560XL-32-28	9,163	8,482	Pratt & Whitney Canada, Inc. PW545A	Annex 16/Chapter 3	85.0	94.0	72.4	89.0	93.1	98.0	None	A9788
Model 560XL	UK.MAJ.00274 Increased MTOM and recertification to Chapter 14	9,222	8,482	Pratt & Whitney Canada, Inc. PW545C	Annex 16/8/13 Chapter 14	86.8	94.0	72.3	89.0	92.8	98.0	For S/N 560-6318, S/N 560-6322 and on	E700215
S550	None	6,849	6,532	Pratt & Whitney Canada, Inc. JT15D-4B	Annex 16/Chapter 3	91.5	94.0	88.7	89.0	86.2	98.0	None	A4890
S550	None	6,668	6,350	Pratt & Whitney Canada, Inc. JT15D-4B	Annex 16/Chapter 3	91.6	94.0	87.9	89.0	85.1	98.0	None	E700214

Administration

I. Acronyms and Abbreviations

Acronym / Abbreviation	Definition
Ed./Amend.	Edition/Amendment
EPNdB	Effective perceived noise decibel
MTOW	Maximum take-off weight
MLW	Maximum landing weight
Regulation Annex 16/I	ICAO Annex 16 Volume I
TCDSN	Type Certificate Data Sheet for Noise

II. Type Certificate Holder Record

TCH Record	Period
Textron Aviation Inc. One Cessna Boulevard Wichita Kansas 67215 USA	Present. No changes.

III. Amendment Record

TCDSN Issue No.	TCDSN Issue Date	Changes	TC Issue and Date
1	29 September 2023		Issue 1 29 September 2023