

**Civil Aviation Authority
United Kingdom**



TYPE-CERTIFICATE DATA SHEET FOR NOISE

UK.TC.A.00125

for

SR20, SR22, SR22T

Type Certificate holder

Cirrus Design Corporation

4515 Taylor Circle

Duluth, Minnesota 55811

United States of America

Model(s): SR20
SR22
ST22T

Issue: 1

Date of issue: 28 October 2024

INTENTIONALLY LEFT BLANK

Type Designation	Airframe Modification	MTOW (kg)	Engine	Engine Modification	Muffler	Propeller	Regulation Ed./Amend. Chapter	Level dB(A)	Limit dB(A)	Notes	Record Number
SR20	None	1,315	Teledyne Continental IO-360-ES	None	None	Hartzell Propeller Inc. PHC-J3YF-1MF/F7392-1	Annex 16/1 3/4 Chapter 10 (10.4a)	82.6	87.1	None	C399
SR20	None	1,315	Teledyne Continental IO-360-ES	None	None	Hartzell Propeller Inc. PHC-J3YF-1RF/F7392-1	Annex 16/1 3/4 Chapter 10 (10.4a)	82.6	87.1	None	C403
SR20	None	1,361	Teledyne Continental IO-360-ES	None	None	Hartzell Propeller Inc. PHC-J3YF-1MF/F7392-1	Annex 16/1 3/6 Chapter 10 (10.4a)	83.7	87.6	None	C401
SR20	None	1,361	Teledyne Continental IO-360-ES	None	None	Hartzell Propeller Inc. PHC-J3YF-1RF/F7392-1	Annex 16/1 3/6 Chapter 10 (10.4a)	83.7	87.6	None	C405
SR20	None	1,383	Teledyne Continental IO-360-ES	None	None	Hartzell Propeller Inc. PHC-J3YF-1MF/F7392-1	Annex 16/1 3/6 Chapter 10 (10.4a)	83.7	87.8	None	C5674
SR20	None	1,383	Teledyne Continental IO-360-ES	None	None	Hartzell Propeller Inc. PHC-J3YF-1RF/F7392-1	Annex 16/1 3/6 Chapter 10 (10.4a)	83.7	87.8	None	C5675
SR20	None	1,429	Lycoming IO-390-C3B6	None	None	Hartzell Propeller Inc. 3C1-R919A1/76C03-2	Annex 16/1 Chapter 10 (10.4a)	81.7	88.0	None	C13475
SR20	None	1,429	Lycoming IO-390-C3B6	None	None	Hartzell Propeller Inc. HC-E3YR-1RF/F73925-1	Annex 16/1 Chapter 10 (10.4a)	82.9	88.0	None	C13474
SR22	None	1,542	Teledyne Continental IO-550-N	None	Cirrus Design Corporation Dual exhaust	Hartzell Propeller Inc. PHC-J3Y(1)F-1N/N7605(B)	Annex 16/1 3/7 Chapter 10 (10.4b)	83.9	85.0	Applicable with or without EASA STC 10029290.	C142
SR22	None	1,542	Teledyne Continental IO-550-N	None	Cirrus Design Corporation Dual exhaust	Hartzell Propeller Inc. PHC-J3YF-1RF/(/)7694(B)	Annex 16/1 3/7 Chapter 10 (10.4b)	83.8	85.0	Applicable with or without EASA STC 10029290.	C138
SR22	None	1,542	Teledyne Continental IO-550-N	None	Cirrus Design Corporation Single exhaust	Hartzell Propeller Inc. PHC-J3YF-1RF/(/)7694(B)	Annex 16/1 3/7 Chapter 10 (10.4b)	83.7	85.0	Applicable with or without EASA STC 10029290.	C136
SR22	None	1,542	Teledyne Continental IO-550-N	None	Cirrus Design Corporation Single/Dual exhaust	Hartzell Propeller Inc. PHC-J3YF-1RF/(/)7693DF(B)	Annex 16/1 3/7 Chapter 10 (10.4b)	84.8	85.0	Applicable with or without EASA STC 10029290.	C141
SR22	None	1,633	Teledyne Continental IO-550-N	None	Cirrus Design Corporation Dual exhaust	Hartzell Propeller Inc. PHC-J3Y(1)F-1N/N7605(C)(B)	Annex 16/1 Chapter 10 (10.4b)	84.7	85.0	None	C11152
SR22	None	1,633	Teledyne Continental IO-550-N	None	Cirrus Design Corporation Dual exhaust	Hartzell Propeller Inc. PHC-J3YF-1RF/(/)7693DF(B)	Annex 16/1 Chapter 10 (10.4b)	84.7	85.0	None	C11153
SR22T	None	1,542	Teledyne Continental TSIO-550-K	None	None	Hartzell Propeller Inc. PHC-J3Y1F-1N/N7605(B)	Annex 16/1 4/8 Chapter 10 (10.4b)	81.3	85.0	None	C10015
SR22T	None	1,633	Teledyne Continental TSIO-550-K	None	None	Hartzell Propeller Inc. PHC-J3Y1F-1N/N7605(C)(B)	Annex 16/1 Chapter 10 (10.4b)	81.5	85.0	None	C11154

INTENTIONALLY LEFT BLANK

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
Cirrus Design Corporation 4515 Taylor Circle Duluth, Minnesota 55811 United States of America	Since 27 May 2004

III. Amendment Record

TCDSN Issue No.	TCDSN Issue Date	Changes	TC Issue and Date
1	28 October 2024	Initial	Issue 1 28 October 2024