TCDSN EASA.A.587 S205-S208

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TYPE-CERTIFICATE DATA SHEET FOR NOISE

No. EASA.A.587

for

S205

S208

Type Certificate Holder: Leonardo S.p.A. - Divisione Velivoli

Piazza Monte Grappa, 4 00195 Rome Italy

For models: S205-18/F

> S205-18/R S205-20/F S205-20/R S205-22/R S208

S208A



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Type Certificate Holder Leonardo S.p.A. - Divisione Velivoli Aircraft Type Designation S205-18/F

Engine Manufacturer **Engine Type Designation** Lycoming O-360-A1A

ICAO Annex 16, Volume I Edition / Amendment Chapter **Noise Certification Basis**

EASA	EASA Propeller	Dranallar Tuna	Additional modifications essential to meet the	Maximum	Take-off dB(A)		See
Record No.	Manufacturer	Propeller Type Designation	requirements or needed to attain the certificated noise levels	Take-off mass (kg)	Level	Limit	Note
C10600	Hartzell Propeller Inc.	HC-C2YK-1B()/7666A-2	none	1,200	-		2



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Type Certificate Holder¹ Leonardo S.p.A. - Divisione Velivoli Aircraft Type Designation¹ S205-18/R

Engine Manufacturer¹ Lycoming Engine Type Designation¹ O-360-A1A

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Chapter¹ 10 (10.4a)

EASA	EASA Propeller Propeller Type	Additional modifications essential to meet the	Maximum	Take-off dB(A)		Soo	
Record No.	Manufacturer ¹	Propeller Type Designation ¹	requirements or needed to attain the certificated noise levels	Take-off mass ¹ (kg)	Level ¹	Limit	See Note
C4763	Hartzell Propeller Inc.	HC-C2YK-1B()/7666A-2	none	1,200	79.7	85.8	2

¹ See Note 1.



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Type Certificate Holder Leonardo S.p.A. - Divisione Velivoli Aircraft Type Designation S205-20/F

Engine Manufacturer **Engine Type Designation** Lycoming IO-360-A1A

EACA Dropoller		Dranallar Tyna	Additional modifications essential to meet the	Maximum	Take-of	ff dB(A)	500
EASA Record No.	Propeller Manufacturer	Propeller Type Designation	requirements or needed to attain the certificated noise levels	Take-off mass (kg)	Level	Limit	See Note
C10601	Hartzell Propeller Inc.	HC-C2YK-1B()/()7666()-2	none	1,300	-		2



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Type Certificate Holder Leonardo S.p.A. - Divisione Velivoli Aircraft Type Designation S205-20/F

Engine Manufacturer **Engine Type Designation** Lycoming IO-360-A1B6D

FACA D	Dravellar	Danielle a Time	Additional modifications essential to meet the	Maximum	Take-off dB(A)		Coo
EASA Record No.	Propeller Manufacturer	Propeller Type Designation	requirements or needed to attain the certificated noise levels	Take-off mass (kg)	Level	Limit	See Note
C10602	Hartzell Propeller Inc.	HC-C2YK-1B()/()7666()-2	none	1,300	-		2



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Type Certificate Holder Leonardo S.p.A. - Divisione Velivoli Aircraft Type Designation S205-20/R

Engine Manufacturer **Engine Type Designation** Lycoming IO-360-A1A

EACA Droneller	Dranallar Tura	Additional modifications essential to meet the	Maximum	Overflight dB(A)		500	
EASA Record No.	Propeller Manufacturer	Propeller Type Designation	requirements or needed to attain the certificated noise levels	Take-off mass (kg)	Level	Limit	See Note
C4764	Hartzell Propeller Inc.	HC-C2YK-1B()/()7666()-2	none	1,300	74.9	77.3	2



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Type Certificate Holder Leonardo S.p.A. - Divisione Velivoli Aircraft Type Designation S205-20/R

Engine Manufacturer **Engine Type Designation** Lycoming IO-360-A1B6D

FACA Drandler	Drandlar	Dreveller Time	Additional modifications essential to meet the	Maximum	Take-off dB(A)		Soo
EASA Record No.	Propeller Manufacturer	Propeller Type Designation	requirements or needed to attain the certificated noise levels	Take-off mass (kg)	Level	Limit	See Note
C5494	Hartzell Propeller Inc.	HC-C2YK-1B()/()7666()-2	none	1,300	-		2



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Type Certificate Holder Leonardo S.p.A. - Divisione Velivoli Aircraft Type Designation S205-22/R

Engine Manufacturer **Engine Type Designation** Franklin 6A-350-C1

FACA Drandler		Duna allan Tima	Additional modifications essential to meet the	Maximum	Take-off dB(A)		Coo
EASA Record No.	Propeller Manufacturer	Propeller Type Designation	requirements or needed to attain the certificated noise levels	Take-off mass (kg)	Level	Limit	See Note
C10603	McCauley	2A31C21/84S-4	none	1,350	-		2
C9813	Hartzell Propeller Inc.	HC-C2YF-1B/8459-4	none	1,350	-		2



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Type Certificate Holder Leonardo S.p.A. - Divisione Velivoli Aircraft Type Designation **S208**

Engine Manufacturer **Engine Type Designation** Lycoming O-540-E4A5

EACA Dropol	Drandlar	Dronoller Type	Additional modifications essential to meet the	Maximum	Take-off dB(A)		500
EASA Record No.	Propeller Manufacturer	Propeller Type Designation	requirements or needed to attain the certificated noise levels	Take-off mass (kg)	Level	Limit	See Note
C10604	Hartzell Propeller Inc.	HC-C2YK-1B()/F8467-8R	none	1,350	-		2



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Type Certificate Holder¹ Leonardo S.p.A. - Divisione Velivoli Aircraft Type Designation¹ S208

Engine Manufacturer¹ Lycoming Engine Type Designation¹ O-540-E4A5

EACA Drope	Duonallan	Due weller Time	Additional modifications essential to meet the	Maximum	Overflight dB(A)		Coo
EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	requirements or needed to attain the certificated noise levels	Take-off mass ¹ (kg)	Level ¹	Limit	See Note
C4765	Hartzell Propeller Inc.	HC-C2YK-1B()/F8477-8R	none	1,350	75.1	78.0	2

¹ See Note 1.



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Type Certificate Holder¹ Leonardo S.p.A. - Divisione Velivoli Aircraft Type Designation¹ S208

Engine Manufacturer¹ Lycoming Engine Type Designation¹ O-540-E4A5

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Chapter¹ 10 (10.4a)

EASA	FACA Brandler Brandle	Dranellar Tuna	Additional modifications essential to meet the	Maximum	Take-off dB(A)		500
Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	requirements or needed to attain the certificated noise levels	Take-off mass ¹ (kg)	Level ¹	Limit	See Note
C4766	Hartzell Propeller Inc.	HC-C2YK-1B()/F8477-8R	none	1,350	81.8	87.5	2

¹ See Note 1.



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Type Certificate Holder Leonardo S.p.A. - Divisione Velivoli Aircraft Type Designation S208A

Engine Manufacturer **Engine Type Designation** Lycoming O-540-E4A5

FACA	Duanallar	D	Additional modifications essential to meet the	Maximum	Take-off dB(A)		Soo	
EASA Record No.	Propeller Manufacturer	Propeller Type Designation	requirements or needed to attain the certificated noise levels	Take-off mass (kg)	Level	Limit	See Note	
C10606	Hartzell Propeller Inc.	HC-C2YK-1B()/F8467-8R	none	1,505	-		2	
C10605	Hartzell Propeller Inc.	HC-C2YK-1B()/F8477-8R	none	1,505	-		2	



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TCDSN EASA.A.587 Notes

- 1. Items so marked shall be included on EASA Form 45.
- 2. This aircraft type conforms with the provisions of Article 6.1 of Regulation 216/2008 without the need to comply with the Standards of ICAO Annex 16, Volume I, by virtue of the date of type certification. However individual examples of this type which were first issued with a certificate of airworthiness on or after 1 January 1980 are required to demonstrate compliance with the Standards of ICAO Annex 16, Volume I, Chapter 6.



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Change Record

Issue	Date	Changes
Issue 1	21 December 2011	Initial Issue
Issue 2	01 February 2017	Change of Type Certificate Holder

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