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

**No. EASA.A.061** 

for

**PZL-104 WILGA Series** 

**Type Certificate Holder: AIRBUS POLAND S.A.** 

Al. Krakowska 110/114 02-256 Warszawa **Poland** 

For models: PZL-104 Wilga 32

> PZL-104 Wilga 32A PZL-104 Wilga 35 PZL-104 Wilga 35A PZL-104 Wilga 80 PZL-104M Wilga 2000 PZL-104MA Wilga 2000 PZL-104MF Wilga 2000 PZL-104MN Wilga 2000



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Type Certificate Holder AIRBUS POLAND S.A. Aircraft Type Designation PZL-104 Wilga 32

O-470-L **Engine Manufacturer Teledyne Continental Engine Type Designation** 

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

EASA	Propeller	Dropoller Type	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
C621	McCauley	2A-34C-50/90A2	none	1,230	-		2

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Aircraft Type Designation PZL-104 Wilga 32 Type Certificate Holder **AIRBUS POLAND S.A.** 

O-470-R **Engine Manufacturer Teledyne Continental Engine Type Designation** 

FACA	Dropollor	Draw allow Traws	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
C620	McCauley	2A-34C-50/90A2	none	1,230	-		2

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Aircraft Type Designation PZL-104 Wilga 32A Type Certificate Holder **AIRBUS POLAND S.A.** 

O-470-L **Engine Manufacturer Teledyne Continental Engine Type Designation** 

FASA	Dropollor	Dranallar Tyna	Additional modifications essential to meet the	Maximum	Take-o	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
C619	McCauley	2A-34C-50/90A2	none	1,230	-		2

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Aircraft Type Designation PZL-104 Wilga 32A Type Certificate Holder **AIRBUS POLAND S.A.** 

O-470-R **Engine Manufacturer Teledyne Continental Engine Type Designation** 

FASA	Dranellar	Duning Hay Time	Additional modifications essential to meet the	Maximum	Take-o	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
C618	McCauley	2A-34C-50/90A2	none	1,230	-		2

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Aircraft Type Designation PZL-104 Wilga 35 Type Certificate Holder **AIRBUS POLAND S.A.** 

Engine Manufacturer WSK PZL-Kalisz SA **Engine Type Designation** AI-14 R

EASA	Duanallan	Dranallar Tima	Additional modifications essential to meet the	Maximum	Overflight dB(A)		See
Record No.	Propeller Manufacturer	Propeller Type Designation	requirements or needed to attain the certificated noise levels	Take-off mass (kg)	Level Limit	Limit	Note
C434	WSK "PZL- Warszawa- Okęcie"	US 122 000	none	1,300	63.0	77.3	2
C432	WSK "PZL- Warszawa- Okęcie"	US 122 000	none	1,230	63.0	76.4	2

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Aircraft Type Designation PZL-104 Wilga 35 Type Certificate Holder **AIRBUS POLAND S.A.** 

Engine Manufacturer WSK PZL-Kalisz SA **Engine Type Designation** AI-14 RA

EASA	Dropollor	Dranallar Tima	Additional modifications essential to meet the	Maximum	Overflight dB(A)		Soo
Record No.	Propeller Manufacturer	Propeller Type Designation	requirements or needed to attain the certificated noise levels	Take-off mass (kg)	Lovel Limi	Limit	See Note
C9825	WSK "PZL- Warszawa- Okęcie"	US 122 000	none	1,300	67.8	77.3	2
C9826	WSK "PZL- Warszawa- Okęcie"	US 122 000	none	1,230	65.1	76.4	2

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Type Certificate Holder<sup>1</sup> Aircraft Type Designation<sup>1</sup> PZL-104 Wilga 35A **AIRBUS POLAND S.A.** 

Engine Manufacturer<sup>1</sup> Engine Type Designation<sup>1</sup> WSK PZL-Kalisz SA AI-14 RA

Chapter<sup>1</sup> Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment 6

EASA Pro	Propeller	Dranellar Tuna	Additional modifications essential to meet the	Maximum	Overflight dB(A)		See
Record No.	Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	requirements or needed to attain the certificated noise levels	Take-off mass <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	Note
C10899	WSK "PZL- Warszawa- Okęcie"	US 122 000	none	1,300	67.8	77.3	-

<sup>&</sup>lt;sup>1</sup> See Note 1.



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Type Certificate Holder<sup>1</sup> Aircraft Type Designation<sup>1</sup> PZL-104 Wilga 80 **AIRBUS POLAND S.A.** 

Engine Manufacturer<sup>1</sup> Engine Type Designation<sup>1</sup> WSK PZL-Kalisz SA AI-14 RA

Chapter<sup>1</sup> Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment 6

FASA	Dropollor	Dreneller Tune	Additional modifications essential to meet the	Maximum	Overflight dB(A)		Ç00
EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	requirements or needed to attain the certificated noise levels	Take-off mass <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	See Note
C410	WSK "PZL- Warszawa- Okęcie"	US 122 000	none	1,300	61.8	77.3	-

<sup>&</sup>lt;sup>1</sup> See Note 1.



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Type Certificate Holder<sup>1</sup> Aircraft Type Designation<sup>1</sup> PZL-104M Wilga 2000 **AIRBUS POLAND S.A.** 

Engine Manufacturer<sup>1</sup> Engine Type Designation<sup>1</sup> Lycoming IO-540 K1B5

ΓΛΟΛ	Dranallar	Due nellen True	Additional modifications essential to meet the	Maximum	Take-off dB(A)		Soo
EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	requirements or needed to attain the certificated noise levels	Take-off mass <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	See Note
C409	Hartzell Propeller Inc.	HC-C3YR-1RF/F8068	none	1,500	87.2	88.0	-
C408	Hartzell Propeller Inc.	HC-C3YR-1RF/F8068	none	1,400	85.9	88.0	-
C407	Hartzell Propeller Inc.	HC-C3YR-1RF/F8468A-6R	none	1,400	87.3	88.0	-

<sup>&</sup>lt;sup>1</sup> See Note 1.



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Type Certificate Holder<sup>1</sup> Aircraft Type Designation<sup>1</sup> PZL-104M Wilga 2000 **AIRBUS POLAND S.A.** 

Engine Manufacturer<sup>1</sup> Engine Type Designation<sup>1</sup> Lycoming IO-540 K1D5

ΓΛΟΛ	Dravallar	Due nellen True	Additional modifications essential to meet the	Maximum	Take-off dB(A)		Soo
EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	requirements or needed to attain the certificated noise levels	Take-off mass <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	See Note
C406	Hartzell Propeller Inc.	HC-C3YR-1RF/F8068	none	1,500	87.2	88.0	-
C404	Hartzell Propeller Inc.	HC-C3YR-1RF/F8068	none	1,400	85.9	88.0	-
C402	Hartzell Propeller Inc.	HC-C3YR-1RF/F8468A-6R	none	1,400	87.3	88.0	-

<sup>&</sup>lt;sup>1</sup> See Note 1.



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Type Certificate Holder<sup>1</sup> Aircraft Type Designation<sup>1</sup> PZL-104M Wilga 2000 **AIRBUS POLAND S.A.** 

Engine Manufacturer<sup>1</sup> Engine Type Designation<sup>1</sup> Lycoming IO-540 K1J5D

ΓΛΩ	Dropollor	Dua na Hay Tryna	Additional modifications essential to meet the	Maximum	Take-off dB(A)		Coo
EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	requirements or needed to attain the certificated noise levels	Take-off mass <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	See Note
C400	Hartzell Propeller Inc.	HC-C3YR-1RF/F8068	none	1,500	87.2	88.0	-
C280	Hartzell Propeller Inc.	HC-C3YR-1RF/F8068	none	1,400	85.9	88.0	-
C279	Hartzell Propeller Inc.	HC-C3YR-1RF/F8468A-6R	none	1,400	87.3	88.0	-

<sup>&</sup>lt;sup>1</sup> See Note 1.



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Type Certificate Holder<sup>1</sup> Aircraft Type Designation<sup>1</sup> PZL-104MA Wilga 2000 **AIRBUS POLAND S.A.** 

Engine Manufacturer<sup>1</sup> Engine Type Designation<sup>1</sup> Lycoming IO-540 K1B5

Chapter<sup>1</sup> **Noise Certification Basis** ICAO Annex 16, Volume I Edition / Amendment 10 (10.4a)

FACA	Dropollor	Due o alle u Time	Additional modifications essential to meet the	Maximum	Take-off dB(A)		See
EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	requirements or needed to attain the certificated noise levels	Take-off mass <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	Note
C898	Hartzell Propeller Inc.	HC-E3YR-1RF/F8068+2	none	1,500	84.6	88.0	-

<sup>1</sup> See Note 1.



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Type Certificate Holder<sup>1</sup> Aircraft Type Designation<sup>1</sup> PZL-104MA Wilga 2000 **AIRBUS POLAND S.A.** 

Engine Manufacturer<sup>1</sup> Engine Type Designation<sup>1</sup> Lycoming IO-540 K1D5

Chapter<sup>1</sup> **Noise Certification Basis** ICAO Annex 16, Volume I Edition / Amendment 10 (10.4a)

EACA	FASA Dranellar Dranellar Type		Additional modifications essential to meet the	Maximum	Take-off dB(A)		Coo
EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	requirements or needed to attain the certificated noise levels	Take-off mass <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	See Note
C899	Hartzell Propeller Inc.	HC-E3YR-1RF/F8068+2	none	1,500	84.6	88.0	-

<sup>1</sup> See Note 1.



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Type Certificate Holder<sup>1</sup> Aircraft Type Designation<sup>1</sup> PZL-104MF Wilga 2000 **AIRBUS POLAND S.A.** 

Engine Manufacturer<sup>1</sup> Engine Type Designation<sup>1</sup> Lycoming IO-540 K1B5

FACA Dreneller		Dravaller Tura	Additional modifications essential to meet the	Maximum	Take-o	Take-off dB(A)	
EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	requirements or needed to attain the certificated noise levels	Take-off mass¹ (kg)	Level <sup>1</sup>	Level <sup>1</sup> Limit No	
C897	Hartzell Propeller Inc.	HC-C3YR-1RF/F8068	none	1,500	87.2	88.0	-
C894	Hartzell Propeller Inc.	HC-C3YR-1RF/F8068	none	1,400	85.9	88.0	-
C891	Hartzell Propeller Inc.	HC-C3YR-1RF/F8468A-6R	none	1,400	87.3	88.0	-

<sup>&</sup>lt;sup>1</sup> See Note 1.



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Type Certificate Holder<sup>1</sup> Aircraft Type Designation<sup>1</sup> PZL-104MF Wilga 2000 **AIRBUS POLAND S.A.** 

Engine Manufacturer<sup>1</sup> Engine Type Designation<sup>1</sup> Lycoming IO-540 K1D5

ΓΛΟΛ	Dropollor	Due well on True	Additional modifications essential to meet the	Maximum	Take-o	ff dB(A)	Coo
EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	requirements or needed to attain the certificated noise levels	Take-off mass <sup>1</sup> (kg)	Level <sup>1</sup>	vel <sup>1</sup> Limit Note	
C896	Hartzell Propeller Inc.	HC-C3YR-1RF/F8068	none	1,500	87.2	88.0	-
C893	Hartzell Propeller Inc.	HC-C3YR-1RF/F8068	none	1,400	85.9	88.0	-
C890	Hartzell Propeller Inc.	HC-C3YR-1RF/F8468A-6R	none	1,400	87.3	88.0	-

<sup>&</sup>lt;sup>1</sup> See Note 1.



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Type Certificate Holder<sup>1</sup> Aircraft Type Designation<sup>1</sup> PZL-104MF Wilga 2000 **AIRBUS POLAND S.A.** 

Engine Manufacturer<sup>1</sup> Engine Type Designation<sup>1</sup> Lycoming IO-540 K1J5D

Chapter<sup>1</sup> **Noise Certification Basis** ICAO Annex 16, Volume I Edition / Amendment 10 (10.4a)

FASA	Dranallar	Dranallar Tuna	Additional modifications essential to meet the	Maximum	Take-off dB(A)		Soo.
EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	requirements or needed to attain the certificated noise levels	Take-off mass <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	See Note
C895	Hartzell Propeller Inc.	HC-C3YR-1RF/F8068	none	1,500	87.2	88.0	-
C892	Hartzell Propeller Inc.	HC-C3YR-1RF/F8068	none	1,400	85.9	88.0	-
C889	Hartzell Propeller Inc.	HC-C3YR-1RF/F8468A-6R	none	1,400	87.3	88.0	-

<sup>&</sup>lt;sup>1</sup> See Note 1.



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Type Certificate Holder<sup>1</sup> Aircraft Type Designation<sup>1</sup> PZL-104MN Wilga 2000 **AIRBUS POLAND S.A.** 

Engine Manufacturer<sup>1</sup> Engine Type Designation<sup>1</sup> Lycoming IO-540 K1B5

Chapter<sup>1</sup> **Noise Certification Basis** ICAO Annex 16, Volume I Edition / Amendment 10 (10.4a)

FACA Dranellar		neller Dreneller Type	Additional modifications essential to meet the	Maximum	Take-o	ff dB(A)	Soo
EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	requirements or needed to attain the certificated noise levels	Take-off mass <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	See Note
C888	Hartzell Propeller Inc.	HC-C3YR-1RF/F8068	none	1,400	82.3	88.0	-
C143	Hartzell Propeller Inc.	HC-C3YR-1RF/F8468A-6R	none	1,400	85.2	88.0	-

<sup>&</sup>lt;sup>1</sup> See Note 1.



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Type Certificate Holder<sup>1</sup> AIRBUS POLAND S.A. Aircraft Type Designation<sup>1</sup> PZL-104MN Wilga 2000

Engine Manufacturer<sup>1</sup> Lycoming Engine Type Designation<sup>1</sup> IO-540 K1D5

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Chapter<sup>1</sup> 10 (10.4a)

EACA Drandler		Draweller Time	Additional modifications essential to meet the	Maximum	Take-of	ff dB(A)	Coo
EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	requirements or needed to attain the certificated noise levels	Take-off mass¹ (kg)	Level <sup>1</sup>	Limit	See Note
C886	Hartzell	HC-C3YR-1RF/F8068	none	1,400	82.3	88.0	_
C000	Propeller Inc.	11C-C31K-1KI/18008	none	1,400	02.3	00.0	
C004	Hartzell	UC COVE 105/594694 CE		1 400	0F 3	00.0	
C884	C884 Propeller Inc. HC-C3YR-1F	HC-C3YR-1RF/F8468A-6R	none	1,400	85.2	88.0	-

<sup>1</sup> See Note 1.



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Type Certificate Holder<sup>1</sup> Aircraft Type Designation<sup>1</sup> PZL-104MN Wilga 2000 **AIRBUS POLAND S.A.** 

Engine Manufacturer<sup>1</sup> Engine Type Designation<sup>1</sup> Lycoming IO-540 K1J5D

Chapter<sup>1</sup> **Noise Certification Basis** ICAO Annex 16, Volume I Edition / Amendment 10 (10.4a)

EACA Dropoller		eller Preveller Ture	Additional modifications essential to meet the	Maximum	Take-o	ff dB(A)	Soo
EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	requirements or needed to attain the certificated noise levels	Take-off mass¹ (kg)	Level <sup>1</sup>	Limit	See Note
C887	Hartzell Propeller Inc.	HC-C3YR-1RF/F8068	none	1,400	82.3	88.0	-
C885	Hartzell Propeller Inc.	HC-C3YR-1RF/F8468A-6R	none	1,400	85.2	88.0	-

<sup>&</sup>lt;sup>1</sup> See Note 1.



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## **TCDSN EASA.A.061 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 2018/1139 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	29 January 2007	Initial Issue
Issue 2	10 May 2007	Revised
Issue 3	22 April 2009	Revised
Issue 4	08 February 2010	Changed Records C432 and C434; added records C9825 and C9826
Issue 5	21 October 2014	Record C10899 added.
Issue 6	23 August 2019	TC-Holder revised.

-END-