TCDSN No.: EASA.A.359 Dornier 228 Page 1 of 50 Date: 24 February 2024

Issue: 6



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

**No. EASA.A.359** 

for

**Dornier 228** 

## **Type Certificate Holder: General Atomics AeroTec Systems GmbH**

Galileostraße 396 82131 Gauting Germany

## For models:

Dornier 228-100 Dornier 228-101 Dornier 228-200 Dornier 228-201 Dornier 228-202 Dornier 228-212



TCDSN No.: EASA.A.359 Dornier 228 Page 2 of 50

Issue: 6 Date: 24 February 2024





Type Certificate Holder<sup>1</sup>

Issue: 6

Date: 24 February 2024

Page 3 of 50

Aircraft Type Designation<sup>1</sup> **Dornier 228-100** 

Engine Manufacturer<sup>1</sup> Honeywell International Inc. Engine Type Designation<sup>1</sup> TPE331-5-252D

**General Atomics AeroTec Systems GmbH** 

FACA	Duanallan		Additional modifications essential to meet	Maximum	Take-Off dB(A)		<b>500</b>
EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	the requirements or needed to attain the certificated noise levels <sup>1</sup>	Take-Off Mass <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	See Note
C4968	MT-Propeller Entwicklung GmbH	MTV-27-1-E-C-F- R(G)/CFRL250-55b	STC EASA.A.S.02755 (Propeller installation)	5,700	78.7	88.0	-





Issue: 6

Date: 24 February 2024

Page 4 of 50

Type Certificate Holder<sup>1</sup> General Atomics AeroTec Systems GmbH Aircraft Type Designation<sup>1</sup> Dornier 228-100

Engine Manufacturer<sup>1</sup> Honeywell International Inc. Engine Type Designation<sup>1</sup> TPE331-5-252D

FACA			Additional modifications essential to	Maximum	Overflig	Coo	
EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	meet the requirements or needed to attain the certificated noise levels <sup>1</sup>	Take-Off Mass <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	See Note
C905	Hartzell Propeller Inc.	HC-B4TN-5ML/LT10574()	None	5,700	73.5	80.0	-

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



Issue: 6

Page 5 of 50 Date: 24 February 2024

Type Certificate Holder<sup>1</sup> **General Atomics AeroTec Systems GmbH** Aircraft Type Designation<sup>1</sup> **Dornier 228-100** 

Engine Manufacturer<sup>1</sup> Honeywell International Inc. Engine Type Designation<sup>1</sup> TPE331-5B-252D

ГАСА	Duanallan		Additional modifications essential to meet	Maximum	Take-Off dB(A)		٠,٠
EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	the requirements or needed to attain the certificated noise levels <sup>1</sup>	Take-Off Mass <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	See Note
C4970	MT-Propeller Entwicklung GmbH	MTV-27-1-E-C-F- R(G)/CFRL250-55b	STC EASA.A.S.02755 (Propeller installation)	5,700	78.7	88.0	-

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



Issue: 6

Date: 24 February 2024

Page 6 of 50

Type Certificate Holder<sup>1</sup> **General Atomics AeroTec Systems GmbH** Aircraft Type Designation<sup>1</sup> Dornier 228-100

Engine Manufacturer<sup>1</sup> Honeywell International Inc. Engine Type Designation<sup>1</sup> TPE331-5B-252D

FACA			Additional modifications essential to	Maximum	Overflig	Coo	
EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	meet the requirements or needed to attain the certificated noise levels <sup>1</sup>	Take-Off Mass <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	See Note
C906	Hartzell Propeller Inc.	HC-B4TN-5ML/LT10574()	None	5,700	73.5	80.0	-

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



Issue: 6

Date: 24 February 2024

Page 7 of 50

Type Certificate Holder<sup>1</sup> General Atomics AeroTec Systems GmbH Aircraft Type Designation<sup>1</sup> Dornier 228-101

Engine Manufacturer<sup>1</sup> Honeywell International Inc. Engine Type Designation<sup>1</sup> TPE331-5()-252D

EASA Propeller	Propeller		Additional modifications essential to meet	Maximum	Take-Off dB(A)		See
Record No.	Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	the requirements or needed to attain the certificated noise levels <sup>1</sup>	Take-Off Mass <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	Note
C12913	MT-Propeller Entwicklung GmbH	MTV-27-1-E-C-F- R(G)/CFRL250-55b	STC EASA.A.S.02755, CN-228-275 (Propeller installation, Provisions for automatic flight control system (AFCS) AS9464)	5,980	77.9	88.0	-

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



Issue: 6

Page 8 of 50 Date: 24 February 2024

Type Certificate Holder<sup>1</sup> General Atomics AeroTec Systems GmbH Aircraft Type Designation<sup>1</sup> Dornier 228-101

Engine Manufacturer<sup>1</sup> Honeywell International Inc. Engine Type Designation<sup>1</sup> TPE331-5-252D

FACA	Duanallan		Additional modifications essential to meet	Maximum	Take-Off dB(A)		٠,٠
EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	the requirements or needed to attain the certificated noise levels <sup>1</sup>	Take-Off Mass <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	See Note
C4975	MT-Propeller Entwicklung GmbH	MTV-27-1-E-C-F- R(G)/CFRL250-55b	STC EASA.A.S.02755 (Propeller installation)	5,980	79.4	88.0	-





Issue: 6

Date: 24 February 2024

Page 9 of 50

Type Certificate Holder<sup>1</sup> General Atomics AeroTec Systems GmbH Aircraft Type Designation<sup>1</sup> Dornier 228-101

Engine Manufacturer<sup>1</sup> Honeywell International Inc. Engine Type Designation<sup>1</sup> TPE331-5-252D

FACA			Additional modifications essential to	Maximum	Overflig	Coo	
EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	meet the requirements or needed to attain the certificated noise levels <sup>1</sup>	Take-Off Mass <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	See Note
C907	Hartzell Propeller Inc.	HC-B4TN-5ML/LT10574()	None	5,980	74.7	80.0	-

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



Type Certificate Holder<sup>1</sup>

Issue: 6

Date: 24 February 2024

Page 10 of 50

General Atomics AeroTec Systems GmbH Aircraft Type Designation Dornier 228-101

Engine Manufacturer<sup>1</sup> Honeywell International Inc. Engine Type Designation<sup>1</sup> TPE331-5B-252D

ГАСА	Duanallan	_	Additional modifications essential to meet	Maximum	Take-Off dB(A)		<b>500</b>
EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	the requirements or needed to attain the certificated noise levels <sup>1</sup>	Take-Off Mass <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	See Note
C4976	MT-Propeller Entwicklung GmbH	MTV-27-1-E-C-F- R(G)/CFRL250-55b	STC EASA.A.S.02755 (Propeller installation)	5,980	79.4	88.0	-

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



Issue: 6

Date: 24 February 2024

Page 11 of 50

Type Certificate Holder<sup>1</sup> General Atomics AeroTec Systems GmbH Aircraft Type Designation<sup>1</sup> Dornier 228-101

Engine Manufacturer<sup>1</sup> Honeywell International Inc. Engine Type Designation<sup>1</sup> TPE331-5B-252D

FACA			Additional modifications essential to	Maximum	Overflig	Coo	
EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	meet the requirements or needed to attain the certificated noise levels <sup>1</sup>	Take-Off Mass <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	See Note
C908	Hartzell Propeller Inc.	HC-B4TN-5ML/LT10574()	None	5,980	74.7	80.0	-

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



Issue: 6

Page 12 of 50 Date: 24 February 2024

Type Certificate Holder<sup>1</sup> General Atomics AeroTec Systems GmbH Aircraft Type Designation<sup>1</sup> Dornier 228-200

Engine Manufacturer<sup>1</sup> Honeywell International Inc. Engine Type Designation<sup>1</sup> TPE331-10P-511D

EASA	Propeller		Additional modifications essential to meet	Maximum	Take-Off dB(A)		See
Record No.	Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	the requirements or needed to attain the certificated noise levels <sup>1</sup>	Take-Off Mass <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	Note
C4986	MT-Propeller Entwicklung GmbH	MTV-27-1-E-C-F- R(G)/CFRL250-55b	STC LBA 0735/2031a and STC EASA.A.S.02755 (Engine and propeller installation)	5,700	78.5	88.0	-

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



Issue: 6

Page 13 of 50 Date: 24 February 2024

Type Certificate Holder<sup>1</sup> General Atomics AeroTec Systems GmbH Aircraft Type Designation<sup>1</sup> Dornier 228-200

Engine Manufacturer<sup>1</sup> Honeywell International Inc. Engine Type Designation<sup>1</sup> TPE331-10P-511D

FACA			Additional modifications essential to	Maximum	Overflig	ht dB(A)	<b>500</b>
EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	meet the requirements or needed to attain the certificated noise levels <sup>1</sup>	Take-Off Mass <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	See Note
C909	Hartzell Propeller Inc.	HC-B4TN-5ML/LT10574()	STC LBA 0735/2031a (Engine installation)	5,700	73.4	80.0	-

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



Type Certificate Holder<sup>1</sup>

Issue: 6

Date: 24 February 2024

Page 14 of 50

Aircraft Type Designation<sup>1</sup> **Dornier 228-200** 

TPE331-10P-511D, TPE331-10T-

Engine Type Designation<sup>1</sup>

511D

Engine Manufacturer<sup>1</sup> Honeywell International Inc.

**Noise Certification Basis** 

ICAO Annex 16, Volume I Edition / Amendment

**General Atomics AeroTec Systems GmbH** 

Chapter<sup>1</sup>

6

EASA			Additional modifications essential to	Maximum	Overflig	ht dB(A)	Soo
Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	meet the requirements or needed to attain the certificated noise levels <sup>1</sup>	Take-Off Mass <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	See Note
C12412	Hartzell Propeller Inc.	HC-B4TN-5ML/LT10574()	STC LBA 0735/2031a (Engine installation), Engine: Engine intermix,	5,700	73.4	80.0	-

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



Issue: 6

Date: 24 February 2024

Page 15 of 50

Type Certificate Holder<sup>1</sup> **General Atomics AeroTec Systems GmbH** Aircraft Type Designation<sup>1</sup> **Dornier 228-200** 

Engine Manufacturer<sup>1</sup> Honeywell International Inc. Engine Type Designation<sup>1</sup> TPE331-10T-511D

EASA	Duanallan		Additional modifications essential to meet	Maximum	Take-Off dB(A)		See
Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	the requirements or needed to attain the certificated noise levels <sup>1</sup>	Take-Off Mass <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	Note
C4984	MT-Propeller Entwicklung GmbH	MTV-27-1-E-C-F- R(G)/CFRL250-55b	STC LBA 0735/2031a and STC EASA.A.S.02755 (Engine and propeller installation)	5,700	78.5	88.0	-

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



Issue: 6

Date: 24 February 2024

Page 16 of 50

Type Certificate Holder<sup>1</sup> **General Atomics AeroTec Systems GmbH** Aircraft Type Designation<sup>1</sup> **Dornier 228-200** 

Engine Manufacturer<sup>1</sup> Honeywell International Inc. Engine Type Designation<sup>1</sup> TPE331-10T-511D

FACA			Additional modifications essential to	Maximum	Overflig	ht dB(A)	°00
EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	meet the requirements or needed to attain the certificated noise levels <sup>1</sup>	Take-Off Mass <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	See Note
C910	Hartzell Propeller Inc.	HC-B4TN-5ML/LT10574()	STC LBA 0735/2031a (Engine installation)	5,700	73.4	80.0	-

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



Issue: 6

Date: 24 February 2024

Page 17 of 50

Type Certificate Holder<sup>1</sup> **General Atomics AeroTec Systems GmbH** Aircraft Type Designation<sup>1</sup> **Dornier 228-200** 

Engine Manufacturer<sup>1</sup> Honeywell International Inc. Engine Type Designation<sup>1</sup> TPE331-5-252D

ΓΛΩ	Duanallan		Additional modifications essential to meet	Maximum	Take-Off dB(A)		<b>500</b>
EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	the requirements or needed to attain the certificated noise levels <sup>1</sup>	Take-Off Mass <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	See Note
C4980	MT-Propeller Entwicklung GmbH	MTV-27-1-E-C-F- R(G)/CFRL250-55b	STC EASA.A.S.02755 (Propeller installation)	5,700	78.5	88.0	-





Issue: 6

Date: 24 February 2024

Page 18 of 50

Type Certificate Holder<sup>1</sup> General Atomics AeroTec Systems GmbH Aircraft Type Designation<sup>1</sup> Dornier 228-200

Engine Manufacturer<sup>1</sup> Honeywell International Inc. Engine Type Designation<sup>1</sup> TPE331-5-252D

FACA			Additional modifications essential to	Maximum	Overflig	Coo	
EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	meet the requirements or needed to attain the certificated noise levels <sup>1</sup>	Take-Off Mass <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	See Note
C911	Hartzell Propeller Inc.	HC-B4TN-5ML/LT10574()	None	5,700	73.4	80.0	-

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



Type Certificate Holder<sup>1</sup>

Issue: 6

Date: 24 February 2024

Page 19 of 50

General Atomics AeroTec Systems GmbH Aircraft Type Designation Dornier 228-200

Engine Manufacturer<sup>1</sup> Honeywell International Inc. Engine Type Designation<sup>1</sup> TPE331-5B-252D

ΓΛΩ	Duenallan		Additional modifications essential to meet	Maximum	Take-Off dB(A)		٠,٠
EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	the requirements or needed to attain the certificated noise levels <sup>1</sup>	Take-Off Mass¹ (kg)	Level <sup>1</sup>	Limit	See Note
C4982	MT-Propeller Entwicklung GmbH	MTV-27-1-E-C-F- R(G)/CFRL250-55b	STC EASA.A.S.02755 (Propeller installation)	5,700	78.5	88.0	-

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



Issue: 6

Date: 24 February 2024

Page 20 of 50

Type Certificate Holder<sup>1</sup> General Atomics AeroTec Systems GmbH Aircraft Type Designation<sup>1</sup> Dornier 228-200

Engine Manufacturer<sup>1</sup> Honeywell International Inc. Engine Type Designation<sup>1</sup> TPE331-5B-252D

FACA			Additional modifications essential to	Maximum	Overflig	Coo	
EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	meet the requirements or needed to attain the certificated noise levels <sup>1</sup>	Take-Off Mass <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	See Note
C912	Hartzell Propeller Inc.	HC-B4TN-5ML/LT10574()	None	5,700	73.4	80.0	-

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



Issue: 6

Page 21 of 50 Date: 24 February 2024

Type Certificate Holder<sup>1</sup> General Atomics AeroTec Systems GmbH Aircraft Type Designation<sup>1</sup> Dornier 228-201

Engine Manufacturer<sup>1</sup> Honeywell International Inc. Engine Type Designation<sup>1</sup> TPE331-10P-511D

EASA	Dranallar		Additional modifications essential to meet	Maximum	Take-Off dB(A)		See
Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	the requirements or needed to attain the certificated noise levels <sup>1</sup>	Take-Off Mass <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	Note
C4990	MT-Propeller Entwicklung GmbH	MTV-27-1-E-C-F- R(G)/CFRL250-55b	STC LBA 0735/2031a and STC EASA.A.S.02755 (Engine and propeller installation)	5,980	79.2	88.0	-

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



Issue: 6

Date: 24 February 2024

Page 22 of 50

Type Certificate Holder<sup>1</sup> General Atomics AeroTec Systems GmbH Aircraft Type Designation<sup>1</sup> Dornier 228-201

Engine Manufacturer<sup>1</sup> Honeywell International Inc. Engine Type Designation<sup>1</sup> TPE331-10P-511D

EACA			Additional modifications essential to	Maximum	Overflig	ht dB(A)	<b>500</b>
EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	meet the requirements or needed to attain the certificated noise levels <sup>1</sup>	Take-Off Mass <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	See Note
C913	Hartzell Propeller Inc.	HC-B4TN-5ML/LT10574()	STC LBA 0735/2031b (Engine installation)	5,980	74.7	80.0	-

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



Issue: 6

Page 23 of 50 Date: 24 February 2024

Type Certificate Holder<sup>1</sup> General Atomics AeroTec Systems GmbH Aircraft Type Designation<sup>1</sup> Dornier 228-201

Engine Manufacturer<sup>1</sup> Honeywell International Inc. Engine Type Designation<sup>1</sup> TPE331-10T-511D

EASA	Duanellan		Additional modifications essential to meet	Maximum	Take-Off dB(A)		See
Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	the requirements or needed to attain the certificated noise levels <sup>1</sup>	Take-Off Mass <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	Note
C4989	MT-Propeller Entwicklung GmbH	MTV-27-1-E-C-F- R(G)/CFRL250-55b	STC LBA 0735/2031a and STC EASA.A.S.02755 (Engine and propeller installation)	5,980	79.2	88.0	-

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



Issue: 6

Date: 24 February 2024

Page 24 of 50

Type Certificate Holder<sup>1</sup> General Atomics AeroTec Systems GmbH Aircraft Type Designation<sup>1</sup> Dornier 228-201

Engine Manufacturer<sup>1</sup> Honeywell International Inc. Engine Type Designation<sup>1</sup> TPE331-10T-511D

FACA			Additional modifications essential to	Maximum	Overflight dB(A)		<b>500</b>
EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	meet the requirements or needed to attain the certificated noise levels <sup>1</sup>	Take-Off Mass <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	See Note
C914	Hartzell Propeller Inc.	HC-B4TN-5ML/LT10574()	STC LBA 0735/2031b (Engine installation)	5,980	74.7	80.0	-

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



Type Certificate Holder<sup>1</sup>

Issue: 6

Date: 24 February 2024

TPE331-5-252D

Page 25 of 50

Aircraft Type Designation<sup>1</sup> Dornier 228-201

Engine Manufacturer<sup>1</sup> Honeywell International Inc. Engine Type Designation<sup>1</sup>

**General Atomics AeroTec Systems GmbH** 

FACA	Dropollor		Additional modifications essential to meet	Maximum	Take-O	ff dB(A)	Soo
EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	the requirements or needed to attain the certificated noise levels <sup>1</sup>	Take-Off Mass¹ (kg)	Level <sup>1</sup>	Limit	See Note
C4987	MT-Propeller Entwicklung GmbH	MTV-27-1-E-C-F- R(G)/CFRL250-55b	STC EASA.A.S.02755 (Propeller installation)	5,980	79.2	88.0	-

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



Issue: 6

Date: 24 February 2024

Page 26 of 50

Type Certificate Holder<sup>1</sup> General Atomics AeroTec Systems GmbH Aircraft Type Designation<sup>1</sup> Dornier 228-201

Engine Manufacturer<sup>1</sup> Honeywell International Inc. Engine Type Designation<sup>1</sup> TPE331-5-252D

FACA			Additional modifications essential to	Maximum	Overflig	Coo	
EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	meet the requirements or needed to attain the certificated noise levels <sup>1</sup>	Take-Off Mass <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	See Note
C915	Hartzell Propeller Inc.	HC-B4TN-5ML/LT10574()	None	5,980	74.7	80.0	-

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



Issue: 6

Page 27 of 50 Date: 24 February 2024

Type Certificate Holder<sup>1</sup> General Atomics AeroTec Systems GmbH Aircraft Type Designation<sup>1</sup> Dornier 228-201

Engine Manufacturer<sup>1</sup> Honeywell International Inc. Engine Type Designation<sup>1</sup> TPE331-5B-252D

ΓΛΩ	Dropollor		Additional modifications essential to meet	Maximum	Take-O	ff dB(A)	<b>500</b>
EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	the requirements or needed to attain the certificated noise levels <sup>1</sup>	Take-Off Mass <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	See Note
C4988	MT-Propeller Entwicklung GmbH	MTV-27-1-E-C-F- R(G)/CFRL250-55b	STC EASA.A.S.02755 (Propeller installation)	5,980	79.2	88.0	-





Issue: 6

Page 28 of 50 Date: 24 February 2024

Type Certificate Holder<sup>1</sup> General Atomics AeroTec Systems GmbH Aircraft Type Designation<sup>1</sup> Dornier 228-201

Engine Manufacturer<sup>1</sup> Honeywell International Inc. Engine Type Designation<sup>1</sup> TPE331-5B-252D

FACA			Additional modifications essential to	Maximum	Overflig	ht dB(A)	Coo
EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	meet the requirements or needed to attain the certificated noise levels <sup>1</sup>	Take-Off Mass <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	See Note
C916	Hartzell Propeller Inc.	HC-B4TN-5ML/LT10574()	None	5,980	74.7	80.0	-

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



Issue: 6

Date: 24 February 2024

Page 29 of 50

Type Certificate Holder<sup>1</sup> General Atomics AeroTec Systems GmbH Aircraft Type Designation<sup>1</sup> Dornier 228-202

Engine Manufacturer<sup>1</sup> Honeywell International Inc. Engine Type Designation<sup>1</sup> TPE331-10P-511D

EASA	Propeller		Additional modifications essential to meet	Maximum Ta	Take-O	ff dB(A)	See
Record No.	Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	the requirements or needed to attain the certificated noise levels <sup>1</sup>	Take-Off Mass <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	Note
C4994	MT-Propeller Entwicklung GmbH	MTV-27-1-E-C-F- R(G)/CFRL250-55b	STC LBA 0735/2031a and STC EASA.A.S.02755 (Engine and propeller installation)	6,200	79.8	88.0	-

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



Type Certificate Holder<sup>1</sup>

Issue: 6

Page 30 of 50 Date: 24 February 2024

General Atomics AeroTec Systems GmbH Aircraft Type Designation Dornier 228-202

Engine Manufacturer<sup>1</sup> Honeywell International Inc. Engine Type Designation<sup>1</sup> TPE331-10P-511D

ΓΛΩ			Additional modifications essential to	Maximum	Overflig	ht dB(A)	<b>500</b>
EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	meet the requirements or needed to attain the certificated noise levels <sup>1</sup>	Take-Off Mass <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	See Note
C917	Hartzell Propeller Inc.	HC-B4TN-5ML/LT10574()	STC LBA 0735/2031b (Engine installation)	6,200	75.7	80.0	-

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



Issue: 6

Page 31 of 50 Date: 24 February 2024

Type Certificate Holder<sup>1</sup> **General Atomics AeroTec Systems GmbH** Aircraft Type Designation<sup>1</sup> Dornier 228-202

Engine Manufacturer<sup>1</sup> Honeywell International Inc. Engine Type Designation<sup>1</sup> TPE331-10T-511D

EASA	Propeller		Additional modifications essential to meet	Maximum	Take-Of	f dB(A)	See
Record No.	Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	the requirements or needed to attain the certificated noise levels <sup>1</sup>	Take-Off Mass <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	Note
C4993	MT-Propeller Entwicklung GmbH	MTV-27-1-E-C-F- R(G)/CFRL250-55b	STC LBA 0735/2031a and STC EASA.A.S.02755 (Engine and propeller installation)	6,200	79.8	88.0	-

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



Issue: 6

Date: 24 February 2024

Page 32 of 50

Type Certificate Holder<sup>1</sup> **General Atomics AeroTec Systems GmbH** Aircraft Type Designation<sup>1</sup> **Dornier 228-202** 

Engine Manufacturer<sup>1</sup> Honeywell International Inc. Engine Type Designation<sup>1</sup> TPE331-10T-511D

ΓΛΩ			Additional modifications essential to	Maximum	Overflig	ht dB(A)	<b>500</b>
EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	meet the requirements or needed to attain the certificated noise levels <sup>1</sup>	Take-Off Mass <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	See Note
C918	Hartzell Propeller Inc.	HC-B4TN-5ML/LT10574()	STC LBA 0735/2031b (Engine installation)	6,200	75.7	80.0	-

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



Issue: 6

Page 33 of 50 Date: 24 February 2024

Type Certificate Holder<sup>1</sup> **General Atomics AeroTec Systems GmbH** Aircraft Type Designation<sup>1</sup> Dornier 228-202

Engine Manufacturer<sup>1</sup> Honeywell International Inc. Engine Type Designation<sup>1</sup> TPE331-5-252D

ГАСА	Dranallar		Additional modifications essential to meet	Maximum	Take-O	ff dB(A)	٠,٠
EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	the requirements or needed to attain the certificated noise levels <sup>1</sup>	Take-Off Mass¹ (kg)	Level <sup>1</sup>	Limit	See Note
C4991	MT-Propeller Entwicklung GmbH	MTV-27-1-E-C-F- R(G)/CFRL250-55b	STC EASA.A.S.02755 (Propeller installation)	6,200	79.8	88.0	-

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



Issue: 6

Date: 24 February 2024

Page 34 of 50

Type Certificate Holder<sup>1</sup> General Atomics AeroTec Systems GmbH Aircraft Type Designation<sup>1</sup> Dornier 228-202

Engine Manufacturer<sup>1</sup> Honeywell International Inc. Engine Type Designation<sup>1</sup> TPE331-5-252D

FACA			Additional modifications essential to	Maximum	Overflig	ht dB(A)	Coo
EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	meet the requirements or needed to attain the certificated noise levels <sup>1</sup>	Take-Off Mass <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	See Note
C919	Hartzell Propeller Inc.	HC-B4TN-5ML/LT10574()	None	6,200	75.7	80.0	-

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



Issue: 6

Page 35 of 50 Date: 24 February 2024

Type Certificate Holder<sup>1</sup> General Atomics AeroTec Systems GmbH Aircraft Type Designation<sup>1</sup> Dornier 228-202

Engine Manufacturer<sup>1</sup> Honeywell International Inc. Engine Type Designation<sup>1</sup> TPE331-5B-252D

ΓΛΩ	Dranallar		Additional modifications essential to meet	Maximum	Take-O	ff dB(A)	٠,٠
EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	the requirements or needed to attain the certificated noise levels <sup>1</sup>	Take-Off Mass¹ (kg)	Level <sup>1</sup>	Limit	See Note
C4992	MT-Propeller Entwicklung GmbH	MTV-27-1-E-C-F- R(G)/CFRL250-55b	STC EASA.A.S.02755 (Propeller installation)	6,200	79.8	88.0	-

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



Issue: 6

Date: 24 February 2024

Page 36 of 50

Type Certificate Holder<sup>1</sup> General Atomics AeroTec Systems GmbH Aircraft Type Designation<sup>1</sup> Dornier 228-202

Engine Manufacturer<sup>1</sup> Honeywell International Inc. Engine Type Designation<sup>1</sup> TPE331-5B-252D

FACA			Additional modifications essential to	Maximum	Overflig	ht dB(A)	Coo
EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	meet the requirements or needed to attain the certificated noise levels <sup>1</sup>	Take-Off Mass <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	See Note
C920	Hartzell Propeller Inc.	HC-B4TN-5ML/LT10574()	None	6,200	75.7	80.0	-

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



Issue: 6

Date: 24 February 2024

Page 37 of 50

Type Certificate Holder<sup>1</sup> General Atomics AeroTec Systems GmbH Aircraft Type Designation<sup>1</sup> Dornier 228-212

Engine Manufacturer<sup>1</sup> Honeywell International Inc. Engine Type Designation<sup>1</sup> TPE331-10GP-511D

FACA	Dunallan		Additional modifications essential to meet	Maximum	Take-O	ff dB(A)	Coo
EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	the requirements or needed to attain the certificated noise levels <sup>1</sup>	Take-Off Mass <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	See Note
C922	Hartzell Propeller Inc.	HC-B4TN-5ML/LT10574()	STC LBA 0735/2031c (Engine installation)	6,400	79.3	88.0	-

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



Type Certificate Holder<sup>1</sup>

Issue: 6

Page 38 of 50 Date: 24 February 2024

Aircraft Type Designation Dornier 228-212

Engine Manufacturer<sup>1</sup> Honeywell International Inc. Engine Type Designation<sup>1</sup> TPE331-10GP-511D

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Edition 4 / Amendment 8 Chapter<sup>1</sup> 10 (10.4a)

**General Atomics AeroTec Systems GmbH** 

EASA	Duanellan		Additional modifications essential to meet	Maximum	Take-O	ff dB(A)	See
Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	the requirements or needed to attain the certificated noise levels <sup>1</sup>	Take-Off Mass <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	Note
C8807	MT-Propeller Entwicklung GmbH	MTV-27-1-E-C-F- R(G)/CFRL250-55b	STC LBA 0735/2031a and STC EASA.A.S.02755 (Engine and propeller installation)	6,400	76.7	88.0	-

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



Issue: 6

Date: 24 February 2024

Page 39 of 50

Type Certificate Holder<sup>1</sup> General Atomics AeroTec Systems GmbH Aircraft Type Designation<sup>1</sup> Dornier 228-212

Engine Manufacturer<sup>1</sup> Honeywell International Inc. Engine Type Designation<sup>1</sup> TPE331-10GP-511D

FACA			Additional modifications essential to	Maximum	Overflig	ht dB(A)	200
EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	meet the requirements or needed to attain the certificated noise levels <sup>1</sup>	Take-Off Mass <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	See Note
C921	Hartzell Propeller Inc.	HC-B4TN-5ML/LT10574()	STC LBA 0735/2031c (Engine installation)	6,400	71.1	80.0	-

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



Issue: 6

Date: 24 February 2024

Page 40 of 50

4

Type Certificate Holder<sup>1</sup> General Atomics AeroTec Systems GmbH Aircraft Type Designation<sup>1</sup> Dornier 228-212

Engine Manufacturer<sup>1</sup> Honeywell International Inc. Engine Type Designation<sup>1</sup> TPE331-10GT-511D

FACA	Dunallan		Additional modifications essential to meet	Maximum	Take-O	ff dB(A)	Coo
EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	the requirements or needed to attain the certificated noise levels <sup>1</sup>	Take-Off Mass <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	See Note
C924	Hartzell Propeller Inc.	HC-B4TN-5ML/LT10574()	STC LBA 0735/2031c (Engine installation)	6,400	79.3	88.0	-





Issue: 6

Date: 24 February 2024

Page 41 of 50

Type Certificate Holder<sup>1</sup> General Atomics AeroTec Systems GmbH Aircraft Type Designation<sup>1</sup> Dornier 228-212

Engine Manufacturer<sup>1</sup> Honeywell International Inc. Engine Type Designation<sup>1</sup> TPE331-10GT-511D

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Edition 4 / Amendment 8 Chapter<sup>1</sup> 10 (10.4a)

EASA	Duanellan		Additional modifications essential to meet	Maximum	Take-Off dB(A)		See
Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	the requirements or needed to attain the certificated noise levels <sup>1</sup>	Take-Off Mass <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	Note
C8808	MT-Propeller Entwicklung GmbH	MTV-27-1-E-C-F- R(G)/CFRL250-55b	STC LBA 0735/2031a and STC EASA.A.S.02755 (Engine and propeller installation)	6,400	76.7	88.0	-

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



Issue: 6

Date: 24 February 2024

Page 42 of 50

Type Certificate Holder<sup>1</sup> General Atomics AeroTec Systems GmbH Aircraft Type Designation<sup>1</sup> Dornier 228-212

Engine Manufacturer<sup>1</sup> Honeywell International Inc. Engine Type Designation<sup>1</sup> TPE331-10GT-511D

FACA			Additional modifications essential to	Maximum	Overflig	ht dB(A)	Soc.
EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	meet the requirements or needed to attain the certificated noise levels <sup>1</sup>	Take-Off Mass <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	See Note
C923	Hartzell Propeller Inc.	HC-B4TN-5ML/LT10574()	STC LBA 0735/2031c (Engine installation)	6,400	71.1	80.0	-

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



Issue: 6

Date: 24 February 2024

Page 43 of 50

Type Certificate Holder<sup>1</sup> General Atomics AeroTec Systems GmbH Aircraft Type Designation<sup>1</sup> Dornier 228-212

Engine Manufacturer<sup>1</sup> Honeywell International Inc. Engine Type Designation<sup>1</sup> TPE331-5A-252D

5454	Duanallan		Additional modifications essential to meet	Maximum	Take-O	ff dB(A)	Caa
EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	the requirements or needed to attain the certificated noise levels <sup>1</sup>	Take-Off Mass <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	See Note
C926	Hartzell Propeller Inc.	HC-B4TN-5ML/LT10574()	None	6,400	79.3	88.0	-

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



Type Certificate Holder<sup>1</sup>

Issue: 6

Date: 24 February 2024

Page 44 of 50

Aircraft Type Designation<sup>1</sup> **Dornier 228-212** 

Engine Manufacturer<sup>1</sup> Honeywell International Inc. Engine Type Designation<sup>1</sup> TPE331-5A-252D

**General Atomics AeroTec Systems GmbH** 

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Edition 4 / Amendment 8 Chapter<sup>1</sup> 10 (10.4a)

FACA	Dropollor		Additional modifications essential to meet	Maximum	Take-O	ff dB(A)	Çoo.
EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	the requirements or needed to attain the certificated noise levels <sup>1</sup>	Take-Off Mass <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	See Note
C8809	MT-Propeller Entwicklung GmbH	MTV-27-1-E-C-F- R(G)/CFRL250-55b	STC EASA.A.S.02755 (Propeller installation)	6,400	76.7	88.0	-

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



Issue: 6

Date: 24 February 2024

Page 45 of 50

Type Certificate Holder<sup>1</sup> General Atomics AeroTec Systems GmbH Aircraft Type Designation<sup>1</sup> Dornier 228-212

Engine Manufacturer<sup>1</sup> Honeywell International Inc. Engine Type Designation<sup>1</sup> TPE331-5A-252D

FACA			Additional modifications essential to	Maximum	Overflig	Coo	
EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	meet the requirements or needed to attain the certificated noise levels <sup>1</sup>	Take-Off Mass <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	See Note
C925	Hartzell Propeller Inc.	HC-B4TN-5ML/LT10574()	None	6,400	71.1	80.0	-

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



Type Certificate Holder<sup>1</sup>

Issue: 6

Date: 24 February 2024

Page 46 of 50

General Atomics AeroTec Systems GmbH Aircraft Type Designation Dornier 228-212

Engine Manufacturer<sup>1</sup> Honeywell International Inc. Engine Type Designation<sup>1</sup> TPE331-5AB-252D

FACA	Duanallan		Additional modifications essential to meet	Maximum	Take-O	ff dB(A)	Coo
EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	the requirements or needed to attain the certificated noise levels <sup>1</sup>	Take-Off Mass <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	See Note
C1025	Hartzell Propeller Inc.	HC-B4TN-5ML/LT10574()	None	6,400	79.3	88.0	-

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



Type Certificate Holder<sup>1</sup>

Issue: 6

Date: 24 February 2024

Page 47 of 50

Aircraft Type Designation Dornier 228-212

Engine Manufacturer<sup>1</sup> Honeywell International Inc. Engine Type Designation<sup>1</sup> TPE331-5AB-252D

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Edition 4 / Amendment 8 Chapter<sup>1</sup> 10 (10.4a)

**General Atomics AeroTec Systems GmbH** 

FACA	Duanallan		Additional modifications essential to meet	Maximum	Take-Off dB(A)		<b>500</b>
EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	the requirements or needed to attain the certificated noise levels <sup>1</sup>	Take-Off Mass <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	See Note
C8810	MT-Propeller Entwicklung GmbH	MTV-27-1-E-C-F- R(G)/CFRL250-55b	STC EASA.A.S.02755 (Propeller installation)	6,400	76.7	88.0	-





TE.CERT.00051-001 © European Union Aviation Safety Agency, 2024. All rights reserved. ISO9001 Certified. Proprietary document. Copies are not controlled. Confirm revision status through the EASA-Internet/Intranet.

Issue: 6

Date: 24 February 2024

Page 48 of 50

Type Certificate Holder<sup>1</sup> **General Atomics AeroTec Systems GmbH** Aircraft Type Designation<sup>1</sup> **Dornier 228-212** 

Engine Manufacturer<sup>1</sup> Honeywell International Inc. Engine Type Designation<sup>1</sup> TPE331-5AB-252D

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Chapter1 6

FACA			Additional modifications essential to	Maximum	Overflig	Coo	
EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	meet the requirements or needed to attain the certificated noise levels <sup>1</sup>	Take-Off Mass <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	See Note
C927	Hartzell Propeller Inc.	HC-B4TN-5ML/LT10574()	None	6,400	71.1	80.0	-

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



TCDSN No.: EASA.A.359 Page 49 of 50

Issue: 6 Date: 24 February 2024

## **CS-36 Amendment level**

ICAO, Annex 16, Volume I Amendment level	7	8	9	10	11-B	12	13
Corresponding CS-36 Amendment level	Initial	1	2	3	4	5	6

## **TCDSN EASA.A.359 Notes**

1. In cases where it is appropriate to issue a noise certificate, items so marked shall be included on EASA Form 45.



TCDSN No.: EASA.A.359

Page 50 of 50

Issue: 6 Date: 24 February 2024

## **Change Record**

Issue	Date	Changes
Issue 1	24 July 2009	Initial Issue
Issue 2	26 August 2010	Added STC numbers and descriptions
Issue 3	22 June 2015	Record C12412 added
Issue 4	08 November 2016	Record C12913 added
Issue 5	09 February 2022	TC Holder revised
Issue 6	24 February 2024	TC Holder address updated

-END-