TCDSN EASA.A.359 Dornier 228 Page 1 of 46 Issue: 4 Date: 08 November 2016

EASA

TYPE-CERTIFICATE DATA SHEET FOR NOISE

No. EASA.A.359

for

Dornier 228

Type Certificate Holder: Ruag Aerospace Services GmbH

> P.O. Box 1253 D-82231 Wessling GERMANY

For models: Dornier 228-100

Dornier 228-200 Dornier 228-201 Dornier 228-202 Dornier 228-202 Dornier 228-212



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Type Certificate Holder¹ Ruag Aerospace Services GmbH Aircraft Type Designation¹ Dornier 228-100

Engine Manufacturer¹ Honeywell International Inc. Engine Type Designation¹ TPE331-5-252D

| FACA | Dranellar | Dranellar Time | Additional modifications essential to meet the | Maximum | Take-off dB(A) | | Soo |
|--------------------|--|--|--|------------------------------------|--------------------|-------|-------------|
| 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 |
| 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 | - |

¹ See Note 1.



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Type Certificate Holder¹ Ruag Aerospace Services GmbH Aircraft Type Designation¹ Dornier 228-100

Engine Manufacturer¹ Honeywell International Inc. Engine Type Designation¹ TPE331-5-252D

| EASA | Dropollor | Dranellar Type | Additional modifications essential to meet the | Maximum | Overflig | ht dB(A) | Soo |
|------------|--|--|--|------------------------------------|--------------------|----------|-------------|
| 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 |
| C905 | Hartzell Propeller Inc. | HC-B4TN-5ML/LT10574() | none | 5,700 | 73.5 | 80.0 | - |

¹ See Note 1.



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Type Certificate Holder¹ Ruag Aerospace Services GmbH Aircraft Type Designation¹ Dornier 228-100

Engine Manufacturer¹ Honeywell International Inc. Engine Type Designation¹ TPE331-5B-252D

| FACA | Dropollor | Dranallar Time | Additional modifications essential to meet the | Maximum | Take-off dB(A) | | Soo |
|--------------------|--|--|--|------------------------------------|--------------------|-------|-------------|
| 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 |
| 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 | - |

¹ See Note 1.



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Type Certificate Holder¹ Ruag Aerospace Services GmbH Aircraft Type Designation¹ Dornier 228-100

Engine Manufacturer¹ Honeywell International Inc. Engine Type Designation¹ TPE331-5B-252D

| FACA | Duonallan | Dreneller Time | Additional modifications essential to meet the | Maximum | Overflig | ht 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 |
| C906 | Hartzell Propeller Inc. | HC-B4TN-5ML/LT10574() | none | 5,700 | 73.5 | 80.0 | - |

¹ See Note 1.



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Type Certificate Holder¹ Ruag Aerospace Services GmbH Aircraft Type Designation¹ Dornier 228-101

Engine Manufacturer¹ Honeywell International Inc. Engine Type Designation¹ TPE331-5()-252D

| FASA | Dranellar Dranellar 1 | Dranallar Tyma | Additional modifications essential to meet the | Maximum | Take-off dB(A) | | Soo |
|--------------------|--|--|---|------------------------------------|--------------------|-------|-------------|
| 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 |
| 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 | - |

¹ See Note 1.



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Type Certificate Holder¹ Ruag Aerospace Services GmbH Aircraft Type Designation¹ Dornier 228-101

Engine Manufacturer¹ Honeywell International Inc. Engine Type Designation¹ TPE331-5-252D

| FACA | Dropollor | Due nellen Time | Additional modifications essential to meet the | Maximum | Take-off dB(A) | | Soo |
|--------------------|--|--|--|------------------------------------|--------------------|-------|-------------|
| 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 |
| 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 | - |

¹ See Note 1.



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Type Certificate Holder¹ Ruag Aerospace Services GmbH Aircraft Type Designation¹ Dornier 228-101

Engine Manufacturer¹ Honeywell International Inc. Engine Type Designation¹ TPE331-5-252D

| FACA | Duonallan | Droneller Time | Additional modifications essential to meet the | Maximum | Overflig | ht 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 |
| C907 | Hartzell Propeller Inc. | HC-B4TN-5ML/LT10574() | none | 5,980 | 74.7 | 80.0 | - |

¹ See Note 1.



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Type Certificate Holder¹ Ruag Aerospace Services GmbH Aircraft Type Designation¹ Dornier 228-101

Engine Manufacturer¹ Honeywell International Inc. Engine Type Designation¹ TPE331-5B-252D

| FACA . | Dropollor | Droneller Tune | Additional modifications essential to meet the | Maximum | Take-off dB(A) | | Soo |
|--------------------|--|--|--|------------------------------------|--------------------|-------|-------------|
| 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 |
| 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 | - |

¹ See Note 1.



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Type Certificate Holder¹ Ruag Aerospace Services GmbH Aircraft Type Designation¹ Dornier 228-101

Engine Manufacturer¹ Honeywell International Inc. Engine Type Designation¹ TPE331-5B-252D

| EASA Record No. | Propeller Manufacturer ¹ | Propeller Type Designation ¹ | Additional modifications essential to meet the requirements or needed to attain the certificated noise levels | Maximum Take-off mass ¹ (kg) | Level ¹ | Limit | See Note |
|--------------------|--|--|---|---|--------------------|-------|-------------|
| C908 | Hartzell Propeller Inc. | HC-B4TN-5ML/LT10574() | none | 5,980 | 74.7 | 80.0 | - |

¹ See Note 1.



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Type Certificate Holder¹ Ruag Aerospace Services GmbH Aircraft Type Designation¹ Dornier 228-200

Engine Manufacturer¹ Honeywell International Inc. Engine Type Designation¹ TPE331-10P-511D

| EASA | Propeller | Dranallar Tyna | Additional modifications essential to meet the | Maximum | Overflig | ht 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 |
| C909 | Hartzell Propeller Inc. | HC-B4TN-5ML/LT10574() | STC LBA 0735/2031a (Engine installation) | 5,700 | 73.4 | 80.0 | - |

¹ See Note 1.



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Type Certificate Holder¹ Ruag Aerospace Services GmbH Aircraft Type Designation¹ Dornier 228-200

Engine Manufacturer¹ Honeywell International Inc. Engine Type Designation¹ TPE331-10P-511D

| FACA | Dranallar | Description Trans | Additional modifications essential to meet the | Maximum | Take-off dB(A) | | Soo |
|--------------------|--|--|--|------------------------------------|--------------------|-------|-------------|
| 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 |
| 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 | - |

¹ See Note 1.



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Type Certificate Holder¹ Ruag Aerospace Services GmbH Aircraft Type Designation¹ Dornier 228-200

Engine Manufacturer¹ Honeywell International Inc. Engine Type Designation¹ TPE331-10P-511D, TPE331-10T-511D

| 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 |
|--------------------|--|---|--|------------------------------------|--------------------|-------|-------------|
| C12412 | Hartzell Propeller Inc. | HC-B4TN-5ML/LT10574() | (Engine intermix), Engine intermix | 5,700 | 73.4 | 80.0 | - |

¹ See Note 1.



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Type Certificate Holder¹ **Ruag Aerospace Services GmbH** Aircraft Type Designation¹ **Dornier 228-200**

Engine Manufacturer¹ Engine Type Designation¹ Honeywell International Inc. TPE331-10T-511D

| EASA | Dranellar | Dranellar Tuna | Additional modifications essential to meet the | Maximum | Overflig | ht dB(A) | Soo |
|------------|--|--|--|------------------------------------|--------------------|----------|-------------|
| 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 |
| C910 | Hartzell Propeller Inc. | HC-B4TN-5ML/LT10574() | STC LBA 0735/2031a (Engine installation) | 5,700 | 73.4 | 80.0 | - |

¹ See Note 1.



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Type Certificate Holder¹ Ruag Aerospace Services GmbH Aircraft Type Designation¹ Dornier 228-200

Engine Manufacturer¹ Honeywell International Inc. Engine Type Designation¹ TPE331-10T-511D

| EASA Pro | Dropollor | Dropoller Type | Additional modifications essential to meet the | Maximum | Take-off dB(A) | | Soo |
|------------|--|--|---|------------------------------------|--------------------|-------|-------------|
| 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 |
| 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 | - |

¹ See Note 1.



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Type Certificate Holder¹ Ruag Aerospace Services GmbH Aircraft Type Designation¹ Dornier 228-200

Engine Manufacturer¹ Honeywell International Inc. Engine Type Designation¹ TPE331-5-252D

| EASA Dro | Duonallar | Droneller Type | Additional modifications essential to meet the | Maximum | Take-off dB(A) | | Soc |
|--------------------|--|--|--|------------------------------------|--------------------|-------|-------------|
| 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 |
| 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 | - |

¹ See Note 1.



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Type Certificate Holder¹ **Ruag Aerospace Services GmbH** Aircraft Type Designation¹ **Dornier 228-200**

Engine Manufacturer¹ Engine Type Designation¹ Honeywell International Inc. TPE331-5-252D

| EASA | Propeller Manufacturer ¹ | ' ". | Additional modifications essential to meet the requirements or needed to attain the certificated noise levels | Maximum Take-off | Overflight dB(A) | | See |
|------------|--|-----------------------|---|------------------------|--------------------|-------|------|
| Record No. | | | | mass ¹ (kg) | Level ¹ | Limit | Note |
| C911 | Hartzell Propeller Inc. | HC-B4TN-5ML/LT10574() | none | 5,700 | 73.4 | 80.0 | - |

¹ See Note 1.



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Type Certificate Holder¹ Ruag Aerospace Services GmbH Aircraft Type Designation¹ Dornier 228-200

Engine Manufacturer¹ Honeywell International Inc. Engine Type Designation¹ TPE331-5B-252D

| EASA | Dranellar | Draw alley Trans | Additional modifications essential to meet the | Maximum | Take-off dB(A) | | S00 |
|------------|--|--|--|------------------------------------|--------------------|-------|-------------|
| 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 |
| 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 | - |

¹ See Note 1.



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Type Certificate Holder¹ **Ruag Aerospace Services GmbH** Aircraft Type Designation¹ **Dornier 228-200**

Engine Manufacturer¹ Engine Type Designation¹ Honeywell International Inc. TPE331-5B-252D

| EASA | Dropollor | Dranallar Tyna | Additional modifications essential to meet the | Maximum | Overflig | ht dB(A) | Soo |
|------------|--|--|--|------------------------------------|--------------------|----------|-------------|
| 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 |
| C912 | Hartzell Propeller Inc. | HC-B4TN-5ML/LT10574() | none | 5,700 | 73.4 | 80.0 | - |

¹ See Note 1.



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Type Certificate Holder¹ Ruag Aerospace Services GmbH Aircraft Type Designation¹ Dornier 228-201

Engine Manufacturer¹ Honeywell International Inc. Engine Type Designation¹ TPE331-10P-511D

| EASA | Dranallar | Due wellow Trans | Additional modifications essential to meet the | Maximum | Take-off dB(A) | | Soo |
|------------|--|--|--|------------------------------------|--------------------|-------|-------------|
| 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 |
| 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 | - |

¹ See Note 1.



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Type Certificate Holder¹ **Ruag Aerospace Services GmbH** Aircraft Type Designation¹ Dornier 228-201

Engine Manufacturer¹ Engine Type Designation¹ Honeywell International Inc. TPE331-10P-511D

| EVCV | Dropollor | Dranellar Type | Additional modifications essential to meet the | Maximum | Overflig | ht dB(A) | Soo |
|--------------------|--|--|--|------------------------------------|--------------------|----------|-------------|
| 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 |
| C913 | Hartzell Propeller Inc. | HC-B4TN-5ML/LT10574() | STC LBA 0735/2031b (Engine installation) | 5,980 | 74.7 | 80.0 | - |

¹ See Note 1.



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Type Certificate Holder¹ Ruag Aerospace Services GmbH Aircraft Type Designation¹ Dornier 228-201

Engine Manufacturer¹ Honeywell International Inc. Engine Type Designation¹ TPE331-10T-511D

| EASA Prox | Duonallar | Dranellar Type | Additional modifications essential to meet the | Maximum | Take-off dB(A) | | Soc |
|------------|--|--|---|------------------------------------|--------------------|-------|-------------|
| 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 |
| 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 | - |

¹ See Note 1.



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Type Certificate Holder¹ **Ruag Aerospace Services GmbH** Aircraft Type Designation¹ Dornier 228-201

Engine Manufacturer¹ Engine Type Designation¹ Honeywell International Inc. TPE331-10T-511D

| EASA | Propeller | Dranellar Type | Additional modifications essential to meet the | Maximum | Overflig | ht 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 |
| C914 | Hartzell Propeller Inc. | HC-B4TN-5ML/LT10574() | STC LBA 0735/2031b (Engine installation) | 5,980 | 74.7 | 80.0 | - |

¹ See Note 1.



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Type Certificate Holder¹ Ruag Aerospace Services GmbH Aircraft Type Designation¹ Dornier 228-201

Engine Manufacturer¹ Honeywell International Inc. Engine Type Designation¹ TPE331-5-252D

| EASA D | Dropollor | Dropoller Type | Additional modifications essential to meet the | Maximum | Take-off dB(A) | | Soo |
|--------------------|--|--|--|------------------------------------|--------------------|-------|-------------|
| 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 |
| 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 | - |

¹ See Note 1.



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Type Certificate Holder¹ **Ruag Aerospace Services GmbH** Aircraft Type Designation¹ Dornier 228-201

Engine Manufacturer¹ Engine Type Designation¹ Honeywell International Inc. TPE331-5-252D

| EASA | Dropollor | Dranallar Tyna | Additional modifications essential to meet the | Maximum | Overflig | ht dB(A) | Soo |
|------------|--|--|--|------------------------------------|--------------------|----------|-------------|
| 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 |
| C915 | Hartzell Propeller Inc. | HC-B4TN-5ML/LT10574() | none | 5,980 | 74.7 | 80.0 | - |

¹ See Note 1.



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Type Certificate Holder¹ Ruag Aerospace Services GmbH Aircraft Type Designation¹ Dornier 228-201

Engine Manufacturer¹ Honeywell International Inc. Engine Type Designation¹ TPE331-5B-252D

| EASA Prope | Duonallar | Due veller Time | Additional modifications essential to meet the | Maximum | Take-off dB(A) | | Coo |
|------------|--|--|--|------------------------------------|--------------------|-------|-------------|
| 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 |
| 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 | - |

¹ See Note 1.



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Type Certificate Holder¹ **Ruag Aerospace Services GmbH** Aircraft Type Designation¹ Dornier 228-201

Engine Manufacturer¹ Engine Type Designation¹ Honeywell International Inc. TPE331-5B-252D

| FACA | Duonallan | Droneller Time | Additional modifications essential to meet the | Maximum | Overflig | ht 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 |
| C916 | Hartzell Propeller Inc. | HC-B4TN-5ML/LT10574() | none | 5,980 | 74.7 | 80.0 | - |

¹ See Note 1.



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Type Certificate Holder¹ **Ruag Aerospace Services GmbH** Aircraft Type Designation¹ Dornier 228-202

Engine Manufacturer¹ Honeywell International Inc. Engine Type Designation¹ TPE331-10P-511D

| EASA Prope | Dropollor | Dranellar Tuna | Additional modifications essential to meet the | Maximum | Take-off dB(A) | | Soo |
|------------|--|--|---|------------------------------------|--------------------|-------|-------------|
| 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 |
| 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 | - |

¹ See Note 1.



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Type Certificate Holder¹ **Ruag Aerospace Services GmbH** Aircraft Type Designation¹ Dornier 228-202

Engine Manufacturer¹ Engine Type Designation¹ Honeywell International Inc. TPE331-10P-511D

| EASA | Propeller | Dranallar Tyna | Additional modifications essential to meet the | Maximum | Overflig | ht 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 |
| C917 | Hartzell Propeller Inc. | HC-B4TN-5ML/LT10574() | STC LBA 0735/2031b (Engine installation) | 6,200 | 75.7 | 80.0 | - |

¹ See Note 1.



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Type Certificate Holder¹ Ruag Aerospace Services GmbH Aircraft Type Designation¹ Dornier 228-202

Engine Manufacturer¹ Honeywell International Inc. Engine Type Designation¹ TPE331-10T-511D

| EASA Propel | Dropollor | Dranellar Tuna | Additional modifications essential to meet the | Maximum | Take-off dB(A) | | Soo |
|-------------|--|--|---|------------------------------------|--------------------|-------|-------------|
| 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 |
| 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 | - |

¹ See Note 1.



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Type Certificate Holder¹ **Ruag Aerospace Services GmbH** Aircraft Type Designation¹ Dornier 228-202

Engine Manufacturer¹ Engine Type Designation¹ Honeywell International Inc. TPE331-10T-511D

| FACA | Duonallan | Droneller Time | Additional modifications essential to meet the | Maximum | Overflig | ht 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 |
| C918 | Hartzell Propeller Inc. | HC-B4TN-5ML/LT10574() | STC LBA 0735/2031b (Engine installation) | 6,200 | 75.7 | 80.0 | - |

¹ See Note 1.



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Type Certificate Holder¹ Ruag Aerospace Services GmbH Aircraft Type Designation¹ Dornier 228-202

Engine Manufacturer¹ Honeywell International Inc. Engine Type Designation¹ TPE331-5-252D

| EASA | Dranallar | December 7 mg | Additional modifications essential to meet the | Maximum | Take-off dB(A) | | S00 |
|--------------------|--|--|--|------------------------------------|--------------------|-------|-------------|
| 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 |
| 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 | - |

¹ See Note 1.



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Type Certificate Holder¹ **Ruag Aerospace Services GmbH** Aircraft Type Designation¹ **Dornier 228-202**

Engine Manufacturer¹ Engine Type Designation¹ Honeywell International Inc. TPE331-5-252D

| EASA | Dropollor | Dranellar Tuna | Additional modifications essential to meet the | Maximum | Overflig | ht dB(A) | Soo |
|------------|--|--|--|------------------------------------|--------------------|----------|-------------|
| 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 |
| C919 | Hartzell Propeller Inc. | HC-B4TN-5ML/LT10574() | none | 6,200 | 75.7 | 80.0 | - |

¹ See Note 1.



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Type Certificate Holder¹ Ruag Aerospace Services GmbH Aircraft Type Designation¹ Dornier 228-202

Engine Manufacturer¹ Honeywell International Inc. Engine Type Designation¹ TPE331-5B-252D

| EASA | Dropollor | Draw allow Traw a | Additional modifications essential to meet the | Maximum | Take-off dB(A) | | Soo |
|------------|--|--|--|------------------------------------|--------------------|-------|-------------|
| 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 |
| 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 | - |

¹ See Note 1.



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Type Certificate Holder¹ Ruag Aerospace Services GmbH Aircraft Type Designation¹ Dornier 228-202

Engine Manufacturer¹ Honeywell International Inc. Engine Type Designation¹ TPE331-5B-252D

| EASA Record No. | Propeller Manufacturer ¹ | · · · · · · · · · · · · · · · · · · · | Additional modifications essential to meet the requirements or needed to attain the certificated | Maximum Take-off | Level 1 | ht dB(A) Limit | See Note |
|--------------------|--|---------------------------------------|--|------------------------|---------|-------------------|-------------|
| | | | noise levels | mass ¹ (kg) | Level | LIIIII | |
| C920 | Hartzell Propeller Inc. | HC-B4TN-5ML/LT10574() | none | 6,200 | 75.7 | 80.0 | - |

¹ See Note 1.



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Type Certificate Holder¹ Ruag Aerospace Services GmbH Aircraft Type Designation¹ Dornier 228-212

Engine Manufacturer¹ Honeywell International Inc. Engine Type Designation¹ TPE331-10GP-511D

| EASA | · ' | Dranallar Tuna | Additional modifications essential to meet the requirements or needed to attain the certificated noise levels | Maximum | Take-off dB(A) | | See |
|-------|-------------------------------------|---------------------------------|---|------------------------------------|--------------------|-------|------|
| _ | | Designation ¹ | | Take-off mass ¹ (kg) | Level ¹ | 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 | - |
| C922 | Hartzell Propeller Inc. | HC-B4TN-5ML/LT10574() | STC LBA 0735/2031c (Engine installation) | 6,400 | 79.3 | 88.0 | - |

¹ See Note 1.



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Type Certificate Holder¹ **Ruag Aerospace Services GmbH** Aircraft Type Designation¹ Dornier 228-212

Engine Manufacturer¹ Engine Type Designation¹ Honeywell International Inc. TPE331-10GP-511D

| EASA | Propeller | Dranellar Type | Additional modifications essential to meet the | Maximum | Overflig | ht 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 |
| C921 | Hartzell Propeller Inc. | HC-B4TN-5ML/LT10574() | STC LBA 0735/2031c (Engine installation) | 6,400 | 71.1 | 80.0 | - |

¹ See Note 1.



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Type Certificate Holder¹ Ruag Aerospace Services GmbH Aircraft Type Designation¹ Dornier 228-212

Engine Manufacturer¹ Honeywell International Inc. Engine Type Designation¹ TPE331-10GT-511D

| | Duonallan | Due wellow Town | Additional modifications essential to meet the | Maximum | Take-off dB(A) | | - See Note |
|-------|--|--|---|--------------------|----------------|------|---------------|
| | Propeller Type Designation ¹ | I requirements or needed to attain the certificated. | Take-off mass ¹ (kg) | Level ¹ | Limit | | |
| 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 | - |
| C924 | Hartzell Propeller Inc. | HC-B4TN-5ML/LT10574() | STC LBA 0735/2031c (Engine installation) | 6,400 | 79.3 | 88.0 | - |

¹ See Note 1.



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Type Certificate Holder¹ Ruag Aerospace Services GmbH Aircraft Type Designation¹ Dornier 228-212

Engine Manufacturer¹ Honeywell International Inc. Engine Type Designation¹ TPE331-10GT-511D

| FACA | EASA Propeller Propeller Type Cord No. Manufacturer ¹ Designation ¹ | December 7 | Additional modifications essential to meet the | Maximum | Overflight dB(A) | | See Note |
|------------|---|--|--|--------------------|------------------|------|-------------|
| Record No. | | requirements or needed to attain the certificated noise levels | Take-off mass ¹ (kg) | Level ¹ | Limit | | |
| C923 | Hartzell Propeller Inc. | HC-B4TN-5ML/LT10574() | STC LBA 0735/2031c (Engine installation) | 6,400 | 71.1 | 80.0 | - |

¹ See Note 1.



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Type Certificate Holder¹ Ruag Aerospace Services GmbH Aircraft Type Designation¹ Dornier 228-212

Engine Manufacturer¹ Honeywell International Inc. Engine Type Designation¹ TPE331-5A-252D

| EASA Propeller Record No. Manufacture | Dropollor | Propeller Type Designation ¹ | Additional modifications essential to meet the requirements or needed to attain the certificated noise levels | Maximum Take-off mass ¹ (kg) | Take-off dB(A) | | Soo |
|--|-------------------------------------|--|---|---|--------------------|-------|-------------|
| | Manufacturer ¹ | | | | Level ¹ | 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 | - |
| C926 | Hartzell Propeller Inc. | HC-B4TN-5ML/LT10574() | none | 6,400 | 79.3 | 88.0 | - |

¹ See Note 1.



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Type Certificate Holder¹ Ruag Aerospace Services GmbH Aircraft Type Designation¹ Dornier 228-212

Engine Manufacturer¹ Honeywell International Inc. Engine Type Designation¹ TPE331-5A-252D

| FACA | EASA Propeller Propeller Type cord No. Manufacturer ¹ Designation ¹ | David Hart | Additional modifications essential to meet the | Maximum | Overflight dB(A) | | See Note |
|------------|---|--|--|--------------------|------------------|------|-------------|
| Record No. | | requirements or needed to attain the certificated noise levels | Take-off mass ¹ (kg) | Level ¹ | Limit | | |
| C925 | Hartzell Propeller Inc. | HC-B4TN-5ML/LT10574() | none | 6,400 | 71.1 | 80.0 | - |

¹ See Note 1.



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Type Certificate Holder¹ Ruag Aerospace Services GmbH Aircraft Type Designation¹ Dornier 228-212

Engine Manufacturer¹ Honeywell International Inc. Engine Type Designation¹ TPE331-5AB-252D

| EASA Record No. M | Propeller Manufacturer ¹ | Propeller Type Designation ¹ | Additional modifications essential to meet the requirements or needed to attain the certificated noise levels | Maximum Take-off mass ¹ (kg) | Take-off dB(A) | | - See |
|----------------------|--|--|---|---|--------------------|-------|-------|
| | | | | | Level ¹ | Limit | 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 | - |
| C1025 | Hartzell Propeller Inc. | HC-B4TN-5ML/LT10574() | none | 6,400 | 79.3 | 88.0 | - |

¹ See Note 1.



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Type Certificate Holder¹ **Ruag Aerospace Services GmbH** Aircraft Type Designation¹ Dornier 228-212

Engine Manufacturer¹ Engine Type Designation¹ Honeywell International Inc. TPE331-5AB-252D

| FACA | FASA Propeller Propeller Type ord No. Manufacturer ¹ Designation ¹ | D H T | Additional modifications essential to meet the | Maximum | Overflight dB(A) | | See Note |
|------------|--|--|--|--------------------|------------------|------|-------------|
| Record No. | | requirements or needed to attain the certificated noise levels | Take-off mass ¹ (kg) | Level ¹ | Limit | | |
| C927 | Hartzell Propeller Inc. | HC-B4TN-5ML/LT10574() | none | 6,400 | 71.1 | 80.0 | - |

¹ See Note 1.



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TCDSN EASA.A.359 Notes

1. Items so marked shall be included on EASA Form 45.



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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 |

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