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# TYPE-CERTIFICATE DATA SHEET FOR NOISE

**No. EASA.A.357**

**for**

**Bölkow BO 209**

**Type Certificate Holder:**  
**Airbus Defence and Space GmbH**  
Willy-Messerschmitt-Straße 1  
82024 Taufkirchen  
Germany

For models: Bölkow BO 209 Monsun  
Bölkow BO 209 S



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Type Certificate Holder      **Airbus Defence and Space GmbH**      Aircraft Type Designation      **Bölkow BO 209 Monsun**

Engine Manufacturer      **Lycoming**      Engine Type Designation      **AIO-320-C1B**

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

EASA Record No.	Propeller Manufacturer	Propeller Type Designation	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass (kg)	Overflight dB(A)		See Note
					Level	Limit	
C579	<b>Hartzell Propeller Inc.</b>	<b>HC-C2YL-1B/7663A-6</b>	<b>Fixed nose wheel</b>	<b>820</b>	<b>67.1</b>	<b>70.9</b>	<b>1</b>
C580	<b>Hartzell Propeller Inc.</b>	<b>HC-C2YL-1B/7663A-6</b>	<b>Retractable nose wheel</b>	<b>820</b>	<b>66.7</b>	<b>70.9</b>	<b>1</b>

Type Certificate Holder      **Airbus Defence and Space GmbH**      Aircraft Type Designation      **Bölkow BO 209 Monsun**

Engine Manufacturer      **Lycoming**      Engine Type Designation      **IO-320-D1A**

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

EASA Record No.	Propeller Manufacturer	Propeller Type Designation	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass (kg)	Overflight dB(A)		See Note
					Level	Limit	
C571	<b>Hartzell Propeller Inc.</b>	<b>HC-C2YL-1B/7663A-6</b>	<b>Fixed nose wheel</b>	<b>820</b>	<b>67.1</b>	<b>70.9</b>	<b>1</b>
C572	<b>Hartzell Propeller Inc.</b>	<b>HC-C2YL-1B/7663A-6</b>	<b>Retractable nose wheel</b>	<b>820</b>	<b>66.7</b>	<b>70.9</b>	<b>1</b>



Type Certificate Holder      **Airbus Defence and Space GmbH**      Aircraft Type Designation      **Bölkow BO 209 Monsun**

Engine Manufacturer      **Lycoming**      Engine Type Designation      **IO-320-D1B**

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

EASA Record No.	Propeller Manufacturer	Propeller Type Designation	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass (kg)	Overflight dB(A)		See Note
					Level	Limit	
C575	<b>Hartzell Propeller Inc.</b>	<b>HC-C2YL-1B/7663A-6</b>	<b>Fixed nose wheel</b>	<b>820</b>	<b>67.1</b>	<b>70.9</b>	<b>1</b>
C576	<b>Hartzell Propeller Inc.</b>	<b>HC-C2YL-1B/7663A-6</b>	<b>Retractable nose wheel</b>	<b>820</b>	<b>66.7</b>	<b>70.9</b>	<b>1</b>



Type Certificate Holder	<b>Airbus Defence and Space GmbH</b>	Aircraft Type Designation	<b>Bölkow BO 209 Monsun</b>
Engine Manufacturer	<b>Lycoming</b>	Engine Type Designation	<b>O-320-E1C</b>
Noise Certification Basis	<b>ICAO Annex 16, Volume I</b>	Edition / Amendment	Chapter <b>6</b>

EASA Record No.	Propeller Manufacturer	Propeller Type Designation	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass (kg)	Overflight dB(A)		See Note
					Level	Limit	
C583	<b>Hartzell Propeller Inc.</b>	<b>HC-C2YL-1B/7663A-6</b>	<b>Fixed nose wheel</b>	<b>820</b>	<b>68.3</b>	<b>70.9</b>	<b>1</b>
C585	<b>Hoffmann Propeller</b>	<b>HO-V123L-180R-10</b>	<b>Fixed nose wheel</b>	<b>820</b>	<b>68.0</b>	<b>70.9</b>	<b>1</b>
C584	<b>Hartzell Propeller Inc.</b>	<b>HC-C2YL-1B/7663A-6</b>	<b>Retractable nose wheel</b>	<b>820</b>	<b>67.5</b>	<b>70.9</b>	<b>1</b>
C586	<b>Hoffmann Propeller</b>	<b>HO-V123L-180R-10</b>	<b>Retractable nose wheel</b>	<b>820</b>	<b>67.2</b>	<b>70.9</b>	<b>1</b>



Type Certificate Holder	<b>Airbus Defence and Space GmbH</b>	Aircraft Type Designation	<b>Bölkow BO 209 Monsun</b>
Engine Manufacturer	<b>Lycoming</b>	Engine Type Designation	<b>O-320-E1F</b>
Noise Certification Basis	<b>ICAO Annex 16, Volume I</b>	Edition / Amendment	Chapter <b>6</b>

EASA Record No.	Propeller Manufacturer	Propeller Type Designation	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass (kg)	Overflight dB(A)		See Note
					Level	Limit	
C591	<b>Hartzell Propeller Inc.</b>	<b>HC-C2YL-1B/7663A-6</b>	<b>Fixed nose wheel</b>	<b>820</b>	<b>68.3</b>	<b>70.9</b>	<b>1</b>
C593	<b>Hoffmann Propeller</b>	<b>HO-V123L-180R-10</b>	<b>Fixed nose wheel</b>	<b>820</b>	<b>68.0</b>	<b>70.9</b>	<b>1</b>
C592	<b>Hartzell Propeller Inc.</b>	<b>HC-C2YL-1B/7663A-6</b>	<b>Retractable nose wheel</b>	<b>820</b>	<b>67.5</b>	<b>70.9</b>	<b>1</b>
C594	<b>Hoffmann Propeller</b>	<b>HO-V123L-180R-10</b>	<b>Retractable nose wheel</b>	<b>820</b>	<b>67.2</b>	<b>70.9</b>	<b>1</b>



Type Certificate Holder      **Airbus Defence and Space GmbH**      Aircraft Type Designation      **Bölkow BO 209 Monsun**

Engine Manufacturer      **Lycoming**      Engine Type Designation      **O-320-E2C**

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

EASA Record No.	Propeller Manufacturer	Propeller Type Designation	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass (kg)	Overflight dB(A)		See Note
					Level	Limit	
C599	<b>McCauley</b>	<b>1C172/MGM70.5-60</b>	<b>none</b>	<b>820</b>	<b>69.4</b>	<b>70.9</b>	<b>1</b>
C600	<b>McCauley</b>	<b>1C172/MGM70.5-66</b>	<b>none</b>	<b>820</b>	<b>69.4</b>	<b>70.9</b>	<b>1</b>





Type Certificate Holder      **Airbus Defence and Space GmbH**      Aircraft Type Designation      **Bölkow BO 209 Monsun**

Engine Manufacturer      **Lycoming**      Engine Type Designation      **O-320-E2F**

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

EASA Record No.	Propeller Manufacturer	Propeller Type Designation	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass (kg)	Overflight dB(A)		See Note
					Level	Limit	
C602	<b>McCauley</b>	<b>1C172/MGM70.5-60</b>	<b>none</b>	<b>820</b>	<b>69.4</b>	<b>70.9</b>	<b>1</b>
C603	<b>McCauley</b>	<b>1C172/MGM70.5-66</b>	<b>none</b>	<b>820</b>	<b>69.4</b>	<b>70.9</b>	<b>1</b>



Type Certificate Holder      **Airbus Defence and Space GmbH**      Aircraft Type Designation      **Bölkow BO 209 S**

Engine Manufacturer      **Rolls-Royce**      Engine Type Designation      **O-240-A**

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

EASA Record No.	Propeller Manufacturer	Propeller Type Designation	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass (kg)	Take-off dB(A)		See Note
					Level	Limit	
C605	<b>McCauley</b>	<b>1C172/EM70.5-55</b>	<b>none</b>	<b>760</b>	<b>71.5</b>	<b>79.3</b>	<b>1</b>

### **TCDSN EASA.A.357 Notes**

1. 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.

### **Change Record**

<b>Issue</b>	<b>Date</b>	<b>Changes</b>
Issue 1	02 February 2015	Initial Issue
Issue 2	13 November 2018	Change of TC holder address

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