

European Aviation Safety Agency

EASA

TYPE-CERTIFICATE DATA SHEET FOR NOISE

Jetstream 4100

**Type Certificate Holder:
BAE Systems (Operations) Ltd**

Prestwick International Airport
Monkton, Ayrshire, Scotland
KA9 2RW
United Kingdom

For models : Jetstream 4100

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Type Certificate Holder* **BAE Systems (Operations) Ltd** Aircraft Type Designation* **Jetstream 4100**

Engine Manufacturer* **Garrett Airesearch** Engine Type Designation* **TPE331-14GR-801H, TPE331-14HR-801H**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels* **None**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter* **3**

EASA Record No.	Propeller Manufacturer *	Propeller Type Designation *	Maximum Mass		Lateral/Full Power EPNL		Flyover EPNL		Approach EPNL	
			Take-off* (kg)	Landing* (kg)	Level*	Limit	Level*	Limit	Level*	Limit
B1128	McCauley	B5JFR36C1103/114HCA-0, C5JFR36C1104/L114HCA-0	10.886	10.569	83,4	94,0	86,4	89,0	87,8	98,0
B56	McCauley	B5JFR36C1103/114HCA-0, C5JFR36C1104/L114HCA-0	10.443	10.115	83,5	94,0	85,8	89,0	87,8	98,0

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

Type Certificate Holder* **BAE Systems (Operations) Ltd** Aircraft Type Designation* **Jetstream 4100**
 Engine Manufacturer* **Garrett Airesearch** Engine Type Designation* **TPE331-14GR-802H, TPE331-14HR-802H**
 Additional modifications essential to meet the requirements or needed to attain the certificated noise levels* **None**
 Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter* **3**

EASA Record No.	Propeller Manufacturer *	Propeller Type Designation *	Maximum Mass		Lateral/Full Power EPNL		Flyover EPNL		Approach EPNL	
			Take-off* (kg)	Landing* (kg)	Level*	Limit	Level*	Limit	Level*	Limit
B1131	McCauley	B5JFR36C1103/114HCA-0, C5JFR36C1104/L114HCA-0	10.886	10.569	83,4	94,0	86,4	89,0	87,8	98,0
B1133	McCauley	B5JFR36C1103/114HCA-0, C5JFR36C1104/L114HCA-0	10.443	10.115	83,5	94,0	85,8	89,0	87,8	98,0

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

Type Certificate Holder* **BAE Systems (Operations) Ltd** Aircraft Type Designation* **Jetstream 4100**
 Engine Manufacturer* **Garrett Airesearch** Engine Type Designation* **TPE331-14GR-805H, TPE331-14HR-805H**
 Additional modifications essential to meet the requirements or needed to attain the certificated noise levels* **None**
 Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter* **3**

EASA Record No.	Propeller Manufacturer *	Propeller Type Designation *	Maximum Mass		Lateral/Full Power EPNL		Flyover EPNL		Approach EPNL	
			Take-off * (kg)	Landing * (kg)	Level *	Limit	Level *	Limit	Level *	Limit
B1137	McCauley	B5JFR36C1101/114GCA-0, C5JFR36C1102/L114GCA-0	10.886	10.569	84,3	94,0	86,5	89,0	87,8	98,0
B57	McCauley	B5JFR36C1103/114HCA-0, C5JFR36C1104/L114HCA-0	10.886	10.569	84,3	94,0	86,5	89,0	87,8	98,0

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

Type Certificate Holder* **BAE Systems (Operations) Ltd** Aircraft Type Designation* **Jetstream 4100**
 Engine Manufacturer* **Garrett Airesearch** Engine Type Designation* **TPE331-14GR-807H, TPE331-14HR-807H**
 Additional modifications essential to meet the requirements or needed to attain the certificated noise levels* **None**
 Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter* **3**

EASA Record No.	Propeller Manufacturer *	Propeller Type Designation *	Maximum Mass		Lateral/Full Power EPNL		Flyover EPNL		Approach EPNL	
			Take-off* (kg)	Landing* (kg)	Level *	Limit	Level *	Limit	Level *	Limit
B1121	McCauley	B5JFR36C1101/114GCA-0, C5JFR36C1102/L114GCA-0	10.886	10.569	83,4	94,0	86,4	89,0	87,8	98,0
B1125	McCauley	B5JFR36C1101/114GCA-0, C5JFR36C1102/L114GCA-0	10.443	10.115	83,5	94,0	85,8	89,0	87,8	98,0
B1120	McCauley	B5JFR36C1103/114HCA-0, C5JFR36C1104/L114HCA-0	10.886	10.569	83,4	94,0	86,4	89,0	87,8	98,0
B1127	McCauley	B5JFR36C1103/114HCA-0, C5JFR36C1104/L114HCA-0	10.443	10.115	83,5	94,0	85,8	89,0	87,8	98,0

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

Type Certificate Holder* **BAE Systems (Operations) Ltd** Aircraft Type Designation* **Jetstream 4100**
 Engine Manufacturer* **Garrett Airesearch** Engine Type Designation* **TPE331-14GR-901H, TPE331-14HR-901H**
 Additional modifications essential to meet the requirements or needed to attain the certificated noise levels* **None**
 Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter* **3**

EASA Record No.	Propeller Manufacturer *	Propeller Type Designation *	Maximum Mass		Lateral/Full Power EPNL		Flyover EPNL		Approach EPNL	
			Take-off* (kg)	Landing* (kg)	Level*	Limit	Level*	Limit	Level*	Limit
B1140	McCauley	B5JFR36C1101/114GCA-0, C5JFR36C1102/L114GCA-0	10.886	10.569	84,3	94,0	86,7	89,0	87,9	98,0
B1139	McCauley	B5JFR36C1103/114HCA-0, C5JFR36C1104/L114HCA-0	10.886	10.569	84,3	94,0	86,7	89,0	87,9	98,0

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

Type Certificate Holder* **BAE Systems (Operations) Ltd**

Aircraft Type Designation* **Jetstream 4100**

Engine Manufacturer* **Garrett Airesearch**

Engine Type Designation* **TPE331-14GR-901H, TPE331-14HR-901H**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels*

JK42750 (Landing flap restricted to 9 degrees)

Noise Certification Basis **ICAO Annex 16, Volume I**

Edition / Amendment

Chapter* **3**

EASA Record No.	Propeller Manufacturer *	Propeller Type Designation *	Maximum Mass		Lateral/Full Power EPNL		Flyover EPNL		Approach EPNL	
			Take-off * (kg)	Landing * (kg)	Level *	Limit	Level *	Limit	Level *	Limit
B60	McCauley	B5JFR36C1103/114HCA-0, C5JFR36C1104/L114HCA-0	10.886	10.569	84,3	94,0	86,7	89,0	88,1	98,0

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

Type Certificate Holder* **BAE Systems (Operations) Ltd**

Aircraft Type Designation* **Jetstream 4100**

Engine Manufacturer* **Garrett Airesearch**

Engine Type Designation* **TPE331-14GR-901H, TPE331-14HR-901H**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels*

JK412094 (Maritime surveillance role kit), JK42809 (Engines de-rated to - 805H performance)

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

Chapter* **3**

EASA Record No.	Propeller Manufacturer *	Propeller Type Designation *	Maximum Mass		Lateral/Full Power EPNL		Flyover EPNL		Approach EPNL	
			Take-off* (kg)	Landing* (kg)	Level*	Limit	Level*	Limit	Level*	Limit
B1146	McCauley	B5JFR36C1103/114HCA-0, C5JFR36C1104/L114HCA-0	10.886	10.569	84,3	94,0	86,7	89,0	87,8	98,0

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

Type Certificate Holder* **BAE Systems (Operations) Ltd**

Aircraft Type Designation* **Jetstream 4100**

Engine Manufacturer* **Garrett Airesearch**

Engine Type Designation* **TPE331-14GR-901H, TPE331-14HR-901H**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels*

JM41T-4124 (Maritime surveillance role kit), JK42809 (Engines de-rated to -805H performance)

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter* **3**

EASA Record No.	Propeller Manufacturer *	Propeller Type Designation *	Maximum Mass		Lateral/Full Power EPNL		Flyover EPNL		Approach EPNL	
			Take-off * (kg)	Landing * (kg)	Level *	Limit	Level *	Limit	Level *	Limit
B61	McCauley	B5JFR36C1103/114HCA-0, C5JFR36C1104/L114HCA-0	10.886	10.569	84,3	94,0	86,7	89,0	87,8	98,0

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

Change Record

Issue	Date	Changes
Issue 1	30 September 2009	Initial Issue
Issue 2	30 July 2010	Duplicate records removed, Records B60 and B1146 added