



TYPE-CERTIFICATE DATA SHEET FOR NOISE

No. EASA.A.026

for

L-410

**Type Certificate Holder:
Aircraft Industries, a.s.**

Na Záhonech 1177
686 04 Kunovice
CZECH REPUBLIC

For models: L 410 NG
L-410 UVP-E20
L-410 UVP-E20 CARGO
L-410 UVP-E9
L-410M Turbolet
L-420
L-410 UVP-E
L-410 UVP-E-LW
L-410 UVP-LW
L-410 UVP-Turbolet



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Type Certificate Holder¹ **Aircraft Industries, a.s.** Aircraft Type Designation¹ **L 410 NG**

Engine Manufacturer¹ **GE Aviation Czech, s.r.o.** Engine Type Designation¹ **H85-200 BC04**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **6 Edition / Amendment 10** Chapter¹ **10 (10.4a)**

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)	Take-off dB(A)		See Note
					Level ¹	Limit	
C12978	Avia Propeller Ltd.	AV 725-1-E-C-F-R(W)-A/CFR230-433	none	7,000	83.5	88.0	-

¹ See Note 1.

Type Certificate Holder¹ **Aircraft Industries, a.s.** Aircraft Type Designation¹ **L-410 UVP-E20**

Engine Manufacturer¹ **GE Aviation Czech, s.r.o.** Engine Type Designation¹ **H80-200**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **10 (10.4a)**

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)	Take-off dB(A)		See Note
					Level ¹	Limit	
C10978	Avia Propeller Ltd.	AV 725-1-E-C-F-R(W)/CFR230-433	none	6,600	83.1	88.0	-

¹ See Note 1.

Type Certificate Holder¹ **Aircraft Industries, a.s.** Aircraft Type Designation¹ **L-410 UVP-E20**

Engine Manufacturer¹ **GE Aviation Czech, s.r.o.** Engine Type Designation¹ **M 601 E**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **10 (10.4a)**

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)	Take-off dB(A)		See Note
					Level ¹	Limit	
C4888	Avia Propeller Ltd.	V 510	none	6,600	85.4	88.0	-

¹ See Note 1.

Type Certificate Holder¹ **Aircraft Industries, a.s.** Aircraft Type Designation¹ **L-410 UVP-E20**

Engine Manufacturer¹ **GE Aviation Czech, s.r.o.** Engine Type Designation¹ **M 601 E-21**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **10 (10.4a)**

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)	Take-off dB(A)		See Note
					Level ¹	Limit	
C4889	Avia Propeller Ltd.	V 510	none	6,600	85.4	88.0	-

¹ See Note 1.

Type Certificate Holder¹ **Aircraft Industries, a.s.** Aircraft Type Designation¹ **L-410 UVP-E20 CARGO**

Engine Manufacturer¹ **GE Aviation Czech, s.r.o.** Engine Type Designation¹ **H80-200**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **10 (10.4a)**

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)	Take-off dB(A)		See Note
					Level ¹	Limit	
C12046	Avia Propeller Ltd.	AV 725-1-E-C-F-R(W)/CFR230-433	none	6,600	83.1	88.0	-

¹ See Note 1.

Type Certificate Holder¹ **Aircraft Industries, a.s.** Aircraft Type Designation¹ **L-410 UVP-E20 CARGO**

Engine Manufacturer¹ **GE Aviation Czech, s.r.o.** Engine Type Designation¹ **M 601 E**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **10 (10.4a)**

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)	Take-off dB(A)		See Note
					Level ¹	Limit	
C9863	Avia Propeller Ltd.	V 510	none	6,600	85.4	88.0	-

¹ See Note 1.



Type Certificate Holder¹ **Aircraft Industries, a.s.** Aircraft Type Designation¹ **L-410 UVP-E20 CARGO**

Engine Manufacturer¹ **GE Aviation Czech, s.r.o.** Engine Type Designation¹ **M 601 E-21**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **10 (10.4a)**

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)	Take-off dB(A)		See Note
					Level ¹	Limit	
C9864	Avia Propeller Ltd.	V 510	none	6,600	85.4	88.0	-

¹ See Note 1.

Type Certificate Holder¹ **Aircraft Industries, a.s.** Aircraft Type Designation¹ **L-410 UVP-E9**

Engine Manufacturer¹ **GE Aviation Czech, s.r.o.** Engine Type Designation¹ **M 601 E**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **10 (10.4a)**

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)	Take-off dB(A)		See Note
					Level ¹	Limit	
C9861	Avia Propeller Ltd.	V 510	none	6,600	86.2	88.0	-

¹ See Note 1.

Type Certificate Holder¹ **Aircraft Industries, a.s.** Aircraft Type Designation¹ **L-410 UVP-E9**

Engine Manufacturer¹ **GE Aviation Czech, s.r.o.** Engine Type Designation¹ **M 601 E-21**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **10 (10.4a)**

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)	Take-off dB(A)		See Note
					Level ¹	Limit	
C9862	Avia Propeller Ltd.	V 510	none	6,600	86.2	88.0	-

¹ See Note 1.

Type Certificate Holder **Aircraft Industries, a.s.** Aircraft Type Designation **L-410M Turbolet**

Engine Manufacturer **GE Aviation Czech, s.r.o.** Engine Type Designation **M 601 A**

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

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	
C9856	Avia Propeller Ltd.	V 508	none	5,700	-		2



Type Certificate Holder¹ **Aircraft Industries, a.s.** Aircraft Type Designation¹ **L-420**

Engine Manufacturer¹ **GE Aviation Czech, s.r.o.** Engine Type Designation¹ **M 601 F**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **10 (10.4a)**

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)	Take-off dB(A)		See Note
					Level ¹	Limit	
C4890	Avia Propeller Ltd.	V 510	none	6,600	86.0	88.0	-

¹ See Note 1.

Type Certificate Holder¹ **Aircraft Industries, a.s.** Aircraft Type Designation¹ **L-410 UVP-E**

Engine Manufacturer¹ **Walter** Engine Type Designation¹ **M 601 E**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **None**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **5**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Maximum Mass		Lateral/Full Power EPNL		Flyover EPNL		Approach EPNL		See Note
			Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
B1088	Avia Propeller Ltd.	V 510	6,400	6,200	85.1	96.0	86.3	89.0	97.2	98.0	-

¹ See Note 1.

Type Certificate Holder¹ **Aircraft Industries, a.s.** Aircraft Type Designation¹ **L-410 UVP-E**

Engine Manufacturer¹ **Walter** Engine Type Designation¹ **M 601 E-21**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **None**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **5**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Maximum Mass		Lateral/Full Power EPNL		Flyover EPNL		Approach EPNL		See Note
			Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
B1159	Avia Propeller Ltd.	V 510	6,400	6,200	85.1	96.0	86.3	89.0	97.2	98.0	-

¹ See Note 1.

Type Certificate Holder¹ **Aircraft Industries, a.s.** Aircraft Type Designation¹ **L-410 UVP-E-LW**

Engine Manufacturer¹ **Walter** Engine Type Designation¹ **M 601 E**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **None**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **5**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Maximum Mass		Lateral/Full Power EPNL		Flyover EPNL		Approach EPNL		See Note
			Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
B1160	Avia Propeller Ltd.	V 510	5,700	5,700	85.1	96.0	86.3	89.0	97.2	98.0	-

¹ See Note 1.

Type Certificate Holder¹ **Aircraft Industries, a.s.** Aircraft Type Designation¹ **L-410 UVP-E-LW**

Engine Manufacturer¹ **Walter** Engine Type Designation¹ **M 601 E-21**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **None**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **5**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Maximum Mass		Lateral/Full Power EPNL		Flyover EPNL		Approach EPNL		See Note
			Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
B1161	Avia Propeller Ltd.	V 510	5,700	5,700	85.1	96.0	86.3	89.0	97.2	98.0	-

¹ See Note 1.

Type Certificate Holder¹ **Aircraft Industries, a.s.** Aircraft Type Designation¹ **L-410 UVP-LW**

Engine Manufacturer¹ **Walter** Engine Type Designation¹ **M 601 B**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **None**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **5**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Maximum Mass		Lateral/Full Power EPNL		Flyover EPNL		Approach EPNL		See Note
			Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
B1155	Avia Propeller Ltd.	V 508B	5,700	5,500	78.4	96.0	88.1	89.0	88.2	98.0	-
B1156	Avia Propeller Ltd.	V 508D	5,700	5,500	78.4	96.0	88.1	89.0	88.2	98.0	-

¹ See Note 1.

Type Certificate Holder¹ **Aircraft Industries, a.s.** Aircraft Type Designation¹ **L-410 UVP-LW**

Engine Manufacturer¹ **Walter** Engine Type Designation¹ **M 601 D**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **None**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **5**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Maximum Mass		Lateral/Full Power EPNL		Flyover EPNL		Approach EPNL		See Note
			Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
B1157	Avia Propeller Ltd.	V 508B	5,700	5,500	78.4	96.0	88.1	89.0	88.2	98.0	-
B1158	Avia Propeller Ltd.	V 508D	5,700	5,500	78.4	96.0	88.1	89.0	88.2	98.0	-

¹ See Note 1.

Type Certificate Holder¹ **Aircraft Industries, a.s.** Aircraft Type Designation¹ **L-410 UVP-Turbolet**

Engine Manufacturer¹ **Walter** Engine Type Designation¹ **M 601 B**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **None**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **5**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Maximum Mass		Lateral/Full Power EPNL		Flyover EPNL		Approach EPNL		See Note
			Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
B1147	Avia Propeller Ltd.	V 508B	5,800	5,500	78.4	96.0	88.1	89.0	88.2	98.0	-
B1151	Avia Propeller Ltd.	V 508B	5,700	5,500	78.4	96.0	88.1	89.0	88.2	98.0	-
B1148	Avia Propeller Ltd.	V 508D	5,800	5,500	78.4	96.0	88.1	89.0	88.2	98.0	-
B1152	Avia Propeller Ltd.	V 508D	5,700	5,500	78.4	96.0	88.1	89.0	88.2	98.0	-

¹ See Note 1.

Type Certificate Holder¹ **Aircraft Industries, a.s.** Aircraft Type Designation¹ **L-410 UVP-Turbolet**

Engine Manufacturer¹ **Walter** Engine Type Designation¹ **M 601 D**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **None**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **5**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Maximum Mass		Lateral/Full Power EPNL		Flyover EPNL		Approach EPNL		See Note
			Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
B1149	Avia Propeller Ltd.	V 508B	5,800	5,500	78.4	96.0	88.1	89.0	88.2	98.0	-
B1153	Avia Propeller Ltd.	V 508B	5,700	5,500	78.4	96.0	88.1	89.0	88.2	98.0	-
B1150	Avia Propeller Ltd.	V 508D	5,800	5,500	78.4	96.0	88.1	89.0	88.2	98.0	-
B1154	Avia Propeller Ltd.	V 508D	5,700	5,500	78.4	96.0	88.1	89.0	88.2	98.0	-

¹ See Note 1.

TCDSN EASA.A.026 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 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

Issue	Date	Changes
Issue 1	29 January 2007	Initial Issue
Issue 2	30 April 2007	Revised
Issue 3	12 July 2010	Revised
Issue 4	04 March 2011	Models L-410 UVP-E, L-410-UVP-E-LW, L-410 UVP-LW and L-410 UVP-Turbolet added
Issue 5	05 June 2013	Model L410UVP-E20 fitted with GE H80-200 engine and AV-725 propeller added
Issue 6	22 July 2013	Revised
Issue 7	08 August 2014	Added record C12046
Issue 8	19 December 2017	Added Model L 410 NG

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