Issue: 8



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

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

EASA	Dropollor	Dronoller Type	Additional modifications essential to meet the	Maximum	Take-off dB(A)		\$00
Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	requirements or needed to attain the certificated noise levels	Take-off mass¹ (kg)	Level ¹	Limit	See Note
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.



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

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

EASA	Propeller Manufacturer ¹	Dranallar Tuna	Additional modifications essential to meet the	Maximum	Take-off dB(A)		See
Record No.		Propeller Type Designation ¹	requirements or needed to attain the certificated noise levels	Take-off mass ¹ (kg)	Level ¹	Limit	Note
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.



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

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

EASA	Drandlar	Dranallar Tyna	Additional modifications essential to meet the	Maximum Take-		ff 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
C4888	Avia Propeller Ltd.	V 510	none	6,600	85.4	88.0	-

¹ See Note 1.



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

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

EASA	Dropollor	Dranallar Tuna	Additional modifications essential to meet the	Maximum	Take-off dB(A)		See
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	Note
C4889	Avia Propeller Ltd.	V 510	none	6,600	85.4	88.0	-

¹ See Note 1.



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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	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the	Maximum	Take-off dB(A)		See
Record No.			requirements or needed to attain the certificated noise levels	Take-off mass ¹ (kg)	Level ¹	Limit	Note
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.



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

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

EACA	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the	Maximum	Take-o	ff dB(A)	See Note
EASA Record No.			requirements or needed to attain the certificated noise levels	Take-off mass ¹ (kg)	Level ¹	Limit	
C9863	Avia Propeller Ltd.	V 510	none	6,600	85.4	88.0	-

¹ See Note 1.



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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)

FACA	Dranallar	Dranellar Tuna	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 mass¹ (kg)	Level ¹	Limit	See Note
C9864	Avia Propeller Ltd.	V 510	none	6,600	85.4	88.0	-

¹ See Note 1.



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

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

EASA	Drandlar	Dranallar Tyna	Additional modifications essential to meet the	Maximum	Take-o	ff 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
C9861	Avia Propeller Ltd.	V 510	none	6,600	86.2	88.0	-

¹ See Note 1.



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

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

EASA	Dropollor	Dranallar 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
C9862	Avia Propeller Ltd.	V 510	none	6,600	86.2	88.0	-

¹ See Note 1.



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

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

EACA	Drandlar	Dranallar Tyna	Additional modifications essential to meet the	Maximum	Take-off dB(A)		Soo
EASA Record No.	Propeller Manufacturer	Propeller Type Designation	requirements or needed to attain the certificated noise levels	Take-off mass (kg)	Level	Limit	See Note
C9856	Avia Propeller Ltd.	V 508	none	5,700	-		2



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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	C A	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the	Maximum	Take-off dB(A)		See
Record				requirements or needed to attain the certificated noise levels	Take-off mass¹ (kg)	Level ¹	Limit	Note
C489	390	Avia Propeller Ltd.	V 510	none	6,600	86.0	88.0	-

¹ See Note 1.



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

Engine Manufacturer¹ Engine Type Designation¹ Walter M 601 E

Additional modifications essential to meet the requirements or needed to attain the None

certificated noise levels¹

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

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Maximum Mass		· ·	ull Power NL	Flyover EPNL		Approach EPNL		See
			Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	Note
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.



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

Engine Manufacturer¹ Engine Type Designation¹ Walter M 601 E-21

Additional modifications essential to meet the requirements or needed to attain the None

certificated noise levels¹

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

EASA	l Propeller I Propeller Type I		Maximum Mass		Lateral/Full Power EPNL		Flyover EPNL		Approach EPNL		See
Record No.	Manufacturer ¹ Designation ¹	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	Note	
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.



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

Engine Manufacturer¹ Engine Type Designation¹ M 601 E Walter

Additional modifications essential to meet the requirements or needed to attain the None

certificated noise levels¹

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

EASA	l Propeller I Propeller Type		Maximum Mass		Lateral/Full Power EPNL		Flyover EPNL		Approach EPNL		See
No.	ecord Manufacturer 1 Designation	Designation ¹	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	Note
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.



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

Engine Manufacturer¹ Engine Type Designation¹ Walter M 601 E-21

Additional modifications essential to meet the requirements or needed to attain the None

certificated noise levels¹

EASA	EASA Record No. Propeller Propeller Type Designation ¹	Propeller Type	Maximum Mass		Lateral/Full Power EPNL		Flyover EPNL		Approach EPNL		See
		Designation ¹	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	Note
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.



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

Engine Manufacturer¹ Engine Type Designation¹ Walter M 601 B

Additional modifications essential to meet the requirements or needed to attain the None

certificated noise levels¹

EASA	Propeller	Maximum Mass ropeller Type		Lateral/Full Power EPNL		Flyover EPNL		Approach EPNL		See	
Record No.	Manufacturer ¹	Designation ¹	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	Note
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.



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

Engine Manufacturer¹ Engine Type Designation¹ M 601 D Walter

Additional modifications essential to meet the requirements or needed to attain the None

certificated noise levels1

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

EASA	Propeller	Propeller Propeller Type Maximum Mass		Lateral/Full Power EPNL		Flyover EPNL		Approach EPNL		See	
Record No.	Manufacturer ¹	Designation ¹	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	Note
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.



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

Engine Type Designation¹ Engine Manufacturer¹ M 601 B Walter

Additional modifications essential to meet the requirements or needed to attain the None

certificated noise levels¹

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

EASA	Propeller	Propeller Type	Maximum Mass		Lateral/Full Power EPNL		Flyover EPNL		Approach EPNL		See
Record No.	Manufacturer ¹	Designation ¹	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	Note
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.



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

Engine Type Designation¹ Engine Manufacturer¹ M 601 D Walter

Additional modifications essential to meet the requirements or needed to attain the None

certificated noise levels¹

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

EASA	Propeller	er Propeller Type		Maximum Mass		Lateral/Full Power EPNL		Flyover EPNL		Approach EPNL	
Record No.	Manufacturer ¹	Designation ¹	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	Note
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.



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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.

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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