

European Aviation Safety Agency

EASA

TYPE-CERTIFICATE DATA SHEET FOR NOISE

L-410

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

686 04 Kunovice 1177
CZECH Republic

For models : 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 Holder* **Aircraft Industries, a.s.** Aircraft Type Designation* **L 410 UVP-E20**
 Engine Manufacturer* **Walter** Engine Type Designation* **M 601 E**
 Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter* **10**

EASA Record No.	Propeller Manufacturer*	Propeller Type Designation*	Additional modifications**	Maximum Take-off mass* (kg)	Take-off dB(A)	
					Level*	Limit
C4888	Avia Propeller Ltd.	V 510	none	6.600	85,4	88,0

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

** Additional modifications essential to meet the requirements or needed to attain the certificated noise levels. Items so marked shall be included on EASA Form 45

Type Certificate Holder* **Aircraft Industries, a.s.** Aircraft Type Designation* **L 410 UVP-E20**
 Engine Manufacturer* **Walter** Engine Type Designation* **M 601 E-21**
 Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter* **10**

EASA Record No.	Propeller Manufacturer*	Propeller Type Designation*	Additional modifications**	Maximum Take-off mass* (kg)	Take-off dB(A)	
					Level*	Limit
C4889	Avia Propeller Ltd.	V 510	none	6.600	85,4	88,0

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

** Additional modifications essential to meet the requirements or needed to attain the certificated noise levels. Items so marked shall be included on EASA Form 45

Type Certificate Holder* **Aircraft Industries, a.s.** Aircraft Type Designation* **L 410 UVP-E20 CARGO**
 Engine Manufacturer* **Walter** Engine Type Designation* **M 601 E-21**
 Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter* **10**

EASA Record No.	Propeller Manufacturer*	Propeller Type Designation*	Additional modifications**	Maximum Take-off mass* (kg)	Take-off dB(A)	
					Level*	Limit
C9864	Avia Propeller Ltd.	V 510	none	6.600	85,4	88,0

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

** Additional modifications essential to meet the requirements or needed to attain the certificated noise levels. Items so marked shall be included on EASA Form 45

Type Certificate Holder* **Aircraft Industries, a.s.** Aircraft Type Designation* **L 410 UVP-E9**
 Engine Manufacturer* **Walter** Engine Type Designation* **M 601 E**
 Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter* **10**

EASA Record No.	Propeller Manufacturer*	Propeller Type Designation*	Additional modifications**	Maximum Take-off mass* (kg)	Take-off dB(A)	
					Level*	Limit
C9861	Avia Propeller Ltd.	V 510	none	6.600	86,2	88,0

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

** Additional modifications essential to meet the requirements or needed to attain the certificated noise levels. Items so marked shall be included on EASA Form 45

Type Certificate Holder* **Aircraft Industries, a.s.** Aircraft Type Designation* **L 410 UVP-E9**
 Engine Manufacturer* **Walter** Engine Type Designation* **M 601 E-21**
 Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter* **10**

EASA Record No.	Propeller Manufacturer*	Propeller Type Designation*	Additional modifications**	Maximum Take-off mass* (kg)	Take-off dB(A)	
					Level*	Limit
C9862	Avia Propeller Ltd.	V 510	none	6.600	86,2	88,0

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

** Additional modifications essential to meet the requirements or needed to attain the certificated noise levels. Items so marked shall be included on EASA Form 45

Type Certificate Holder* **Aircraft Industries, a.s.** Aircraft Type Designation* **L-420**
 Engine Manufacturer* **Walter** Engine Type Designation* **M 601 F**
 Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter* **10**

EASA Record No.	Propeller Manufacturer*	Propeller Type Designation*	Additional modifications**	Maximum Take-off mass* (kg)	Take-off dB(A)	
					Level*	Limit
C4890	Avia Propeller Ltd.	V 510	none	6.600	86,0	88,0

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

** Additional modifications essential to meet the requirements or needed to attain the certificated noise levels. Items so marked shall be included on EASA Form 45

Type Certificate Holder* **Aircraft Industries, a.s.** Aircraft Type Designation* **L-410 UVP-E**

Engine Manufacturer* **Walter** Engine Type Designation* **M 601 E**

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* **5**

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
B1088	Avia Propeller Ltd.	V 510	6.400	6.200	85,1	96,0	86,3	89,0	97,2	98,0

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

Type Certificate Holder* **Aircraft Industries, a.s.** Aircraft Type Designation* **L-410 UVP-E**
 Engine Manufacturer* **Walter** Engine Type Designation* **M 601 E-21**

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* **5**

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
B1159	Avia Propeller Ltd.	V 510	6.400	6.200	85,1	96,0	86,3	89,0	97,2	98,0

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

Type Certificate Holder* **Aircraft Industries, a.s.** Aircraft Type Designation* **L-410 UVP-E-LW**

Engine Manufacturer* **Walter** Engine Type Designation* **M 601 E**

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* **5**

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
B1160	Avia Propeller Ltd.	V 510	5.700	5.700	85,1	96,0	86,3	89,0	97,2	98,0

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

Type Certificate Holder* **Aircraft Industries, a.s.** Aircraft Type Designation* **L-410 UVP-E-LW**

Engine Manufacturer* **Walter** Engine Type Designation* **M 601 E-21**

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* **5**

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
B1161	Avia Propeller Ltd.	V 510	5.700	5.700	85,1	96,0	86,3	89,0	97,2	98,0

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

Type Certificate Holder* **Aircraft Industries, a.s.** Aircraft Type Designation* **L-410 UVP-LW**

Engine Manufacturer* **Walter** Engine Type Designation* **M 601 B**

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* **5**

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
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

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

Type Certificate Holder* **Aircraft Industries, a.s.** Aircraft Type Designation* **L-410 UVP-LW**
 Engine Manufacturer* **Walter** Engine Type Designation* **M 601 D**

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* **5**

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
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

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

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

Engine Manufacturer* **Walter** Engine Type Designation* **M 601 B**

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* **5**

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
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

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

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

Engine Manufacturer* **Walter** Engine Type Designation* **M 601 D**

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* **5**

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
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

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

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