



TYPE-CERTIFICATE DATA SHEET FOR NOISE

No. EASA.IM.A.294

for

A-1

Type Certificate Holder:

Aviat Aircraft Inc.

672 South Washington Street

Afton, Wyoming 83110

U.S.A.

For models: A-1
A-1A
A-1B
A-1C-180



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Type Certificate Holder¹ **Aviat Aircraft Inc.** Aircraft Type Designation¹ **A-1**

Engine Manufacturer¹ **Lycoming** Engine Type Designation¹ **O-360-A1P**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **6**

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)	Overflight dB(A)		See Note
					Level ¹	Limit	
C2879	Hartzell Propeller Inc.	HC-C2YK-1BF/F7666A-4	none	816	62.0	70.9	-

¹ See Note 1.

Type Certificate Holder ¹	Aviat Aircraft Inc.	Aircraft Type Designation ¹	A-1
Engine Manufacturer ¹	Lycoming	Engine Type Designation ¹	O-360-C1G
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Chapter ¹ 6

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)	Overflight dB(A)		See Note
					Level ¹	Limit	
C9086	Hartzell Propeller Inc.	HC-C2YK-1BF/F7666A-0	Highest power in the normal operating range set to 135 HP and 2400 rpm	816	62.1	70.9	-
C2882	Hartzell Propeller Inc.	HC-C2YK-1BF/F7666A-4	none	816	62.0	70.9	-

¹ See Note 1.

Type Certificate Holder ¹	Aviat Aircraft Inc.	Aircraft Type Designation ¹	A-1A
Engine Manufacturer ¹	Lycoming	Engine Type Designation ¹	O-360-A1P
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Chapter ¹ 6

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)	Overflight dB(A)		See Note
					Level ¹	Limit	
C5061	Hartzell Propeller Inc.	HC-C2YK-1BF/F7666A	none	857	65.5	71.4	-

¹ See Note 1.

Type Certificate Holder¹ **Aviat Aircraft Inc.** Aircraft Type Designation¹ **A-1B**

Engine Manufacturer¹ **Lycoming** Engine Type Designation¹ **O-320-D2A**

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	
C12470	Sensenich	74DM6S8-0-58	Engine Option Group Configuration	907	75.2	81.8	-

¹ See Note 1.

Type Certificate Holder¹ **Aviat Aircraft Inc.** Aircraft Type Designation¹ **A-1B**

Engine Manufacturer¹ **Lycoming** Engine Type Designation¹ **O-360-A1P**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **6**

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)	Overflight dB(A)		See Note
					Level ¹	Limit	
C2	Hartzell Propeller Inc.	HC-C2YK-1BF/F7666A	none	907	65.5	72.1	-

¹ See Note 1.

Type Certificate Holder ¹	Aviat Aircraft Inc.	Aircraft Type Designation ¹	A-1C-180
Engine Manufacturer ¹	Lycoming	Engine Type Designation ¹	O-360-A1P
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Chapter ¹ 10 (10.4b)

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	
C9280	Hartzell Propeller Inc.	HC-C2YR-1N/N7605	none	998	78.2	78.7	-

¹ See Note 1.

TCDSN EASA.IM.A.294 Notes

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



Change Record

Issue	Date	Changes
Issue 1	18 February 2008	Initial Issue
Issue 2	23 April 2010	Variant A-1C added
Issue 3	28 July 2010	Re-published to correctly show modification status.
Issue 4	23 November 2015	TC holder changed; new engine option group for A-1B included

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