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# TYPE-CERTIFICATE DATA SHEET FOR NOISE

**No. EASA.IM.A.055**

**for**

**WACO YMF Series**

**Type Certificate Holder:  
The Waco Aircraft Corporation**

For models: YMF Model F5  
YMF Model F5C

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Type Certificate Holder<sup>1</sup>      **Waco Classic Aircraft Corporation**      Aircraft Type Designation<sup>1</sup>      **YMF Model F5**

Engine Manufacturer<sup>1</sup>      **Jacobs**      Engine Type Designation<sup>1</sup>      **R-755B2**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter<sup>1</sup>      **10 (10.4a)**

EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass <sup>1</sup> (kg)	Take-off dB(A)		See Note
					Level <sup>1</sup>	Limit	
C10769	<b>MT-Propeller</b>	<b>MT233R150-6AJ</b>	<b>none</b>	<b>1,256</b>	<b>84.1</b>	<b>86.5</b>	-

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<sup>1</sup> See Note 1.

Type Certificate Holder<sup>1</sup>      **Waco Classic Aircraft Corporation**      Aircraft Type Designation<sup>1</sup>      **YMF Model F5**

Engine Manufacturer<sup>1</sup>      **Jacobs**      Engine Type Designation<sup>1</sup>      **R-755B2**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter<sup>1</sup>      **6**

EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass <sup>1</sup> (kg)	Overflight dB(A)		See Note
					Level <sup>1</sup>	Limit	
C1739	<b>Sensenich</b>	<b>W90T6JA-70</b>	<b>none</b>	<b>1,256</b>	<b>75.6</b>	<b>76.7</b>	-
C1735	<b>Sensenich</b>	<b>W90T6JA-72</b>	<b>none</b>	<b>1,256</b>	<b>75.6</b>	<b>76.7</b>	-
C1741	<b>Sensenich</b>	<b>W90T6JB-70</b>	<b>none</b>	<b>1,256</b>	<b>75.6</b>	<b>76.7</b>	-
C1737	<b>Sensenich</b>	<b>W90T6JB-72</b>	<b>none</b>	<b>1,256</b>	<b>75.6</b>	<b>76.7</b>	-
C1743	<b>Sensenich</b>	<b>W96JA4-68</b>	<b>none</b>	<b>1,256</b>	<b>75.6</b>	<b>76.7</b>	-
C1745	<b>Sensenich</b>	<b>W96JB-4-68</b>	<b>none</b>	<b>1,256</b>	<b>75.6</b>	<b>76.7</b>	-

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<sup>1</sup> See Note 1.

Type Certificate Holder<sup>1</sup>      **Waco Classic Aircraft Corporation**      Aircraft Type Designation<sup>1</sup>      **YMF Model F5**

Engine Manufacturer<sup>1</sup>      **Jacobs**      Engine Type Designation<sup>1</sup>      **R-755B2M**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter<sup>1</sup>      **10 (10.4a)**

EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass <sup>1</sup> (kg)	Take-off dB(A)		See Note
					Level <sup>1</sup>	Limit	
C10770	<b>MT-Propeller</b>	<b>MT233R150-6AJ</b>	<b>none</b>	<b>1,256</b>	<b>84.1</b>	<b>86.5</b>	-

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<sup>1</sup> See Note 1.

Type Certificate Holder<sup>1</sup>      **Waco Classic Aircraft Corporation**      Aircraft Type Designation<sup>1</sup>      **YMF Model F5**

Engine Manufacturer<sup>1</sup>      **Jacobs**      Engine Type Designation<sup>1</sup>      **R-755B2M**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter<sup>1</sup>      **6**

EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass <sup>1</sup> (kg)	Overflight dB(A)		See Note
					Level <sup>1</sup>	Limit	
C1738	<b>Sensenich</b>	<b>W90T6JA-70</b>	<b>none</b>	<b>1,256</b>	<b>75.6</b>	<b>76.7</b>	-
C1734	<b>Sensenich</b>	<b>W90T6JA-72</b>	<b>none</b>	<b>1,256</b>	<b>75.6</b>	<b>76.7</b>	-
C1740	<b>Sensenich</b>	<b>W90T6JB-70</b>	<b>none</b>	<b>1,256</b>	<b>75.6</b>	<b>76.7</b>	-
C1736	<b>Sensenich</b>	<b>W90T6JB-72</b>	<b>none</b>	<b>1,256</b>	<b>75.6</b>	<b>76.7</b>	-
C1742	<b>Sensenich</b>	<b>W96JA4-68</b>	<b>none</b>	<b>1,256</b>	<b>75.6</b>	<b>76.7</b>	-
C1744	<b>Sensenich</b>	<b>W96JB-4-68</b>	<b>none</b>	<b>1,256</b>	<b>75.6</b>	<b>76.7</b>	-

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<sup>1</sup> See Note 1.

Type Certificate Holder<sup>1</sup>      **Waco Classic Aircraft Corporation**      Aircraft Type Designation<sup>1</sup>      **YMF Model F5C**

Engine Manufacturer<sup>1</sup>      **Jacobs**      Engine Type Designation<sup>1</sup>      **R-755A2**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter<sup>1</sup>      **10 (10.4a)**

EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass <sup>1</sup> (kg)	Take-off dB(A)		See Note
					Level <sup>1</sup>	Limit	
C12041	<b>Hamilton Standard</b>	<b>2B20/6135-15</b>	<b>none</b>	<b>1,338</b>	<b>85.6</b>	<b>87.4</b>	-
C11430	<b>MT-Propeller</b>	<b>MT233R150-6AJ</b>	<b>none</b>	<b>1,338</b>	<b>81.7</b>	<b>87.4</b>	-

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<sup>1</sup> See Note 1.

Type Certificate Holder<sup>1</sup>      **Waco Classic Aircraft Corporation**      Aircraft Type Designation<sup>1</sup>      **YMF Model F5C**

Engine Manufacturer<sup>1</sup>      **Jacobs**      Engine Type Designation<sup>1</sup>      **R-755A2M**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter<sup>1</sup>      **10 (10.4a)**

EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass <sup>1</sup> (kg)	Take-off dB(A)		See Note
					Level <sup>1</sup>	Limit	
C12043	<b>Hamilton Standard</b>	<b>2B20/6135-15</b>	<b>none</b>	<b>1,338</b>	<b>85.6</b>	<b>87.4</b>	-
C11431	<b>MT-Propeller</b>	<b>MT233R150-6AJ</b>	<b>none</b>	<b>1,338</b>	<b>81.7</b>	<b>87.4</b>	-

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<sup>1</sup> See Note 1.

Type Certificate Holder<sup>1</sup>      **Waco Classic Aircraft Corporation**      Aircraft Type Designation<sup>1</sup>      **YMF Model F5C**

Engine Manufacturer<sup>1</sup>      **Jacobs**      Engine Type Designation<sup>1</sup>      **R-755B2**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter<sup>1</sup>      **10 (10.4a)**

EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass <sup>1</sup> (kg)	Take-off dB(A)		See Note
					Level <sup>1</sup>	Limit	
C10767	<b>MT-Propeller</b>	<b>MT233R150-6AJ</b>	<b>none</b>	<b>1,338</b>	<b>84.1</b>	<b>87.4</b>	-

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<sup>1</sup> See Note 1.

Type Certificate Holder<sup>1</sup>      **Waco Classic Aircraft Corporation**      Aircraft Type Designation<sup>1</sup>      **YMF Model F5C**

Engine Manufacturer<sup>1</sup>      **Jacobs**      Engine Type Designation<sup>1</sup>      **R-755B2**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter<sup>1</sup>      **10**

EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass <sup>1</sup> (kg)	Take-off dB(A)		See Note
					Level <sup>1</sup>	Limit	
C1751	<b>Sensenich</b>	<b>W90T6JA-70</b>	<b>none</b>	<b>1,338</b>	<b>85.8</b>	<b>87.4</b>	-
C1747	<b>Sensenich</b>	<b>W90T6JA-72</b>	<b>none</b>	<b>1,338</b>	<b>85.8</b>	<b>87.4</b>	-
C1753	<b>Sensenich</b>	<b>W90T6JB-70</b>	<b>none</b>	<b>1,338</b>	<b>85.8</b>	<b>87.4</b>	-
C1749	<b>Sensenich</b>	<b>W90T6JB-72</b>	<b>none</b>	<b>1,338</b>	<b>85.8</b>	<b>87.4</b>	-
C1755	<b>Sensenich</b>	<b>W96JA-4-68</b>	<b>none</b>	<b>1,338</b>	<b>85.8</b>	<b>87.4</b>	-
C1757	<b>Sensenich</b>	<b>W96JB-4-68</b>	<b>none</b>	<b>1,338</b>	<b>85.8</b>	<b>87.4</b>	-

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<sup>1</sup> See Note 1.

Type Certificate Holder<sup>1</sup>      **Waco Classic Aircraft Corporation**      Aircraft Type Designation<sup>1</sup>      **YMF Model F5C**

Engine Manufacturer<sup>1</sup>      **Jacobs**      Engine Type Designation<sup>1</sup>      **R-755B2M**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter<sup>1</sup>      **10 (10.4a)**

EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass <sup>1</sup> (kg)	Take-off dB(A)		See Note
					Level <sup>1</sup>	Limit	
C10768	<b>MT-Propeller</b>	<b>MT233R150-6AJ</b>	<b>none</b>	<b>1,338</b>	<b>84.1</b>	<b>87.4</b>	-

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<sup>1</sup> See Note 1.

Type Certificate Holder<sup>1</sup>      **Waco Classic Aircraft Corporation**      Aircraft Type Designation<sup>1</sup>      **YMF Model F5C**

Engine Manufacturer<sup>1</sup>      **Jacobs**      Engine Type Designation<sup>1</sup>      **R-755B2M**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter<sup>1</sup>      **10**

EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass <sup>1</sup> (kg)	Take-off dB(A)		See Note
					Level <sup>1</sup>	Limit	
C1750	<b>Sensenich</b>	<b>W90T6JA-70</b>	<b>none</b>	<b>1,338</b>	<b>85.8</b>	<b>87.4</b>	-
C1746	<b>Sensenich</b>	<b>W90T6JA-72</b>	<b>none</b>	<b>1,338</b>	<b>85.8</b>	<b>87.4</b>	-
C1752	<b>Sensenich</b>	<b>W90T6JB-70</b>	<b>none</b>	<b>1,338</b>	<b>85.8</b>	<b>87.4</b>	-
C1748	<b>Sensenich</b>	<b>W90T6JB-72</b>	<b>none</b>	<b>1,338</b>	<b>85.8</b>	<b>87.4</b>	-
C1754	<b>Sensenich</b>	<b>W96JA4-68</b>	<b>none</b>	<b>1,338</b>	<b>85.8</b>	<b>87.4</b>	-
C1756	<b>Sensenich</b>	<b>W96JB-4-68</b>	<b>none</b>	<b>1,338</b>	<b>85.8</b>	<b>87.4</b>	-

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<sup>1</sup> See Note 1.

**TCDSN EASA.IM.A.055 Notes**

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

**Change Record**

<b>Issue</b>	<b>Date</b>	<b>Changes</b>
Issue 1	29 January 2007	Initial Issue
Issue 2	03 May 2007	Revised
Issue 3	23 October 2012	Records C10767 - C10770 added.
Issue 4	08 November 2013	Records C11430 and C11431 added.
Issue 5	16 October 2014	Records C12041 and C12043 added.

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