

型号认可证数据单

THE VALIDATION DATA SHEET

编号/No: VTC0375P

版次/Revision: 0

型号/Type: W80

型别/Model:

W80CM8, W80DM, W80DM7, W80DR

批准人/Approved By:



职务/Title: Director General of CAAC-AAD

批准日期/ Approved Data: 2023 年 1 月 20 日

本数据单是型号认可证(编号: VTC0375P)的组成部分, 它规定了符合中国民用航空局的适航要求所颁发此型号认可证的产品状态和限制。

This data sheet, which is part of Validation of Type Certificate (No: VTC0375P) , prescribes condition and limitation under which the product for which the Validation of type certificate was issued meets the airworthiness requirements of the Chinese Civil Aviation Regulation.

型号合格证持有人/ Type Certificate Holder:

Sensenich Wood Propeller Company, Inc. 2008 Wood Court Plant City, Florida 33563.

## 第 1 部分 概述

## SECTION 1 GENERAL

## 1. 型号认证数据单版次信息以及修订记录/ Revision and Change Record of the Validation of Type Certificate Data Sheet

## 数据单版次信息/Revision of the Type Certificate Data Sheet

|               | 型号认证数据单编号、版次和颁发日期<br>Validation of Type Certificate Data Sheet<br>Number, Revision and issuance date | 型号合格证数据单编号、版次和颁发日期<br>Type Certificate Data Sheet Number, Revision and<br>issuance date                                                                                                                 |
|---------------|------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 当前<br>Current | No. VTC0375P, 版次 0<br>2023 年 01 月 20 日<br>No. VTC0375P, Revision 0, Date of Issue:<br>Jan. 20, 2023  | 型别 W80CM8, W80DM, W80DM7, W80DR<br>对应 FAA 数据单:<br>FAA TCDS No. P27NE, 第 2 版<br>2003 年 12 月 15 日<br><br>型别 W80CM8, W80DM, W80DM7, W80DR<br>对应FAA的数据单:<br>FAA TCDS No. P27NE, Revision 2<br>Dec. 15, 2003 |

注: 上表中出口国局方型号合格证数据单信息仅供参考

Note: Above TCDS information of Certification Authority is only for reference

## 2. 认可当局/Validation Authority:

中国民用航空局/CAAC

## 审定当局/Certifying Authority:

美国联邦航空管理局/FAA

## 3. 型号合格证持有人/Type Certificate Holder:

Sensenich Wood Propeller 公司,  
2008 年伍德法院工厂城, 佛罗里达州 33563。  
Sensenich Wood Propeller Company, Inc.  
2008 Wood Court Plant City, Florida 33563

## 4. 生产制造商/Manufacturer

见生产许可证 No.335CE  
See Production Certificate No. 335CE

## 5. 双发延程飞行/ETOPS:

不适用/N/A

## 6. CAAC 专用要求/Special Requirements::

无/NONE

## 第2部分 数据单

## SECTION 2 DATA SHEET

类型/Type: 定距木质/Fixed-Pitch Wood.

材料/Material: 木质 (桦木) /Wood (Birch)

桨叶数/Number of Blades: 2/Two

| 基本型号<br>(见注2)/<br>Basic<br>Model<br>(See Note<br>2) | 起飞和最大连<br>续/Takeoff &<br>Max.Cont. |            | 直径<br>/Diameter | 标准桨距<br>/Standard<br>Pitch | 桨毂/Hub Drilling     |                      |                              | 桨毂尺寸<br>/HUB<br>Dimensions |        | 重量<br>(磅) (最<br>大直径)<br>/Weight<br>(lb.)<br>(Max. Dia.) |
|-----------------------------------------------------|------------------------------------|------------|-----------------|----------------------------|---------------------|----------------------|------------------------------|----------------------------|--------|---------------------------------------------------------|
|                                                     | 马力<br>/HP                          | 转/分<br>RPM |                 |                            | 孔数<br>/No.<br>Holes | 孔径<br>/Dia.<br>Holes | 螺栓直径<br>/Dia. Bolt<br>Circle | Dia.                       | Thick. |                                                         |
| W80CM8                                              | 180                                | 2700       | 80"             | 55"-35"                    | 6                   | 33/64"               | 4-3/4"                       | 7-1/2"                     | 3-5/8" | 16.5                                                    |
| W80DM                                               | 160                                | 2700       | 80"             | 52"-32"                    | 6                   | 25/64"               | 4-3/4"                       | 6-1/2"                     | 4"     | 14                                                      |
| W80DM7                                              | 160                                | 2700       | 80"             | 52"-32"                    | 6                   | 29/64"               | 4-3/4"                       | 6-1/2"                     | 4"     | 14                                                      |
| W80DR                                               | 160                                | 2700       | 80"             | 52"-32"                    | 8                   | 25/65"               | 4-3/4"                       | 6-1/2"                     | 4"     | 14                                                      |

## 审定基础

Certification  
Basis

螺旋桨型别W80CM8; FAR 35部第7修正案, 1995年12月28日生效

Model W80CM8; FAR 35 as amended through amendment 7, effective December 28, 1995.

螺旋桨型别W80DM, W80DM7, W80DR; FAR 35部第6修正案, 1989年8月18日生效

Models W80DM, W80DM7, W80DR; FAR35 as amended through amendment 6, effective August 18, 1989.

## 生产基础

## Production Basis

生产许可证 No.335CE

Production Certificate No. 335CE

## 注 1/NOTE 1: 安装/Installation

将木质螺旋桨安装于法兰曲轴上时, 必须采用一个与法兰面积和厚度大致相同的前部装置, 以及符合 MIL-B-6812 标准的 AN 螺栓。批准的隔圈长度见注 7。

Installation of wood propellers on flanged crankshafts must include a front plant of approximately the same area and thickness as the flange and AN bolts conforming to MIL-B-6812. See NOTE 7 for approved spacer lengths.

- a. 采用直径 7 英寸的安装法兰和伸入桨毂 0.375-0.750 英寸的传动衬套将型号为 W80CM8 的螺旋桨安装在 SAE NO.6 法兰轴或鼓筒隔圈上。
- a. Propeller model W80CM8 is installed on SAE No. 6 flanged shaft or spool spacer with 7" diameter mounting flange and a drive bushing protrusion into propeller hub from .375" -.750".
- b. 螺旋桨型号 W80DM 和 W80DM7 安装在 SAE NO.2 法兰轴上。
- b. Propeller models W80DM and W80DM7 are installed on SAE No. 2 flanged shaft.
- c. 螺旋桨型号 W80DR 安装在 SAE NO.3 法兰轴上。
- c. Propeller model W80DR is installed on SAE No. 3 flanged shaft.

**注2/NOTE 2 型号编制/ Model Designation**

|          |           |          |           |           |                                                                                                                                                    |
|----------|-----------|----------|-----------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| <u>W</u> | <u>80</u> | <u>C</u> | <u>M8</u> | <u>47</u> |                                                                                                                                                    |
|          |           |          |           |           | 指定设计更改/ Designates design change                                                                                                                   |
|          |           |          |           |           | “G” 表示玻璃纤维镶边/ “G” denotes glass fabric tipping                                                                                                     |
|          |           |          |           |           | “U” 表示合成纤维前缘/ “U” denotes synthetic leading edge                                                                                                   |
|          |           |          |           |           | 在0.75半径站位处的桨距，单位为英寸/Pitch in inches at .75 radius station                                                                                          |
|          |           |          |           |           | 指定桨毂构型/Designates hub configuration                                                                                                                |
|          |           |          |           |           | “M” -安装于SAE NO.2 （参考AS 127）法兰轴，用公称直径3/8英寸的螺栓/“M” – for installation on SAE No. 2 (Ref. AS 127) flanged shaft with 3/8 dia. bolts                   |
|          |           |          |           |           | “M7” -安装于SAE NO.2 （参考AS 127）法兰轴，用公称直径7/16英寸的螺栓/ “M7” - for installation on SAE No. 2 (Ref. AS 127) flanged shaft with 7/16 dia. bolts              |
|          |           |          |           |           | “M8” -安装于SAE NO.6 （参考AS 127）法兰轴，用公称直径8/16 (1/2) 英寸的螺栓/ "M8" - for installation on SAE No. 6 (Ref. AS 127) flanged shaft with 8/16 (1/2) dia. bolts |
|          |           |          |           |           | “R” -安装于SAE NO.3 （参考AS 127）法兰轴，用公称直径3/8英寸的螺栓/“R” – for installation on SAE No. 3 (Ref. AS 127) flanged shaft with 3/8 dia. bolts                   |
|          |           |          |           |           | 桨叶设计/ Designates blade design                                                                                                                      |
|          |           |          |           |           | 基本直径（单位英寸）/ Basic diameter in inches                                                                                                               |
|          |           |          |           |           | 木质螺旋桨/ Designates wood propeller                                                                                                                   |

**注 3, 4, 5, 6, 8/NOTE 3, 4, 5, 6, 8: 不适用/Not applicable****注 7/NOTE 7: 扩展/Extensions**

型号为 W80CM8 的螺旋桨被批准用于 4.0 英寸及以下的类型

Propeller model W80CM8 is approved for spool type extensions up to and including 4.0".

**注 9/NOTE 9: 不适用/Not applicable**

完  
END ...