



**LAA TYPE ACCEPTANCE DATA SHEET  
TADS P19  
SENENICH**

Issue 1	Initial issue	Dated 17/03/21	JP
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This TADS is intended as a summary of available information about the propeller type and should be used during the overhaul, operation and permit revalidation phases to help owners and inspectors. Although it is hoped that this document is as complete a summary as possible, other sources contain more complete information, e.g. the manufacturer's website.

Section 1 contains general information about the propeller type and its variants.

Section 2 contains information about the propeller type that the LAA considers **mandatory** and must be complied with.

Section 3 contains advisory information that owners and inspectors should review to help them maintain the propeller in an airworthy condition. If due consideration and circumstances suggest that compliance with the requirements in this section can safely be deferred, is not required or not applicable, then this is a permitted judgement call. This section also provides a useful repository for advisory information gathered through defect reports and experience.

**Section 1 Introduction**

1.1 Contact Information

UK Contact: Adams Aviation

Address: Aeropia House  
2 Kelvin Lane  
Newton Road  
Crawley  
RH10 9TY

Tel: 01689 842 999  
Email: [weborders@adamsaviation.com](mailto:weborders@adamsaviation.com)  
Website: [www.adamsaviation.com](http://www.adamsaviation.com)

UK Contact: Airpart Supply Ltd

Address: Unit 3  
The Gateway Centre  
Coronation Road  
Cressex Business Park  
High Wycombe  
Buckinghamshire  
HP12 3SU

Tel: 01494 450 366  
Email: [sales@airpart.co.uk](mailto:sales@airpart.co.uk)  
Website: [www.airpart.co.uk](http://www.airpart.co.uk)

UK Contact: Brinkley Aerospace

Address: Unit 1  
Montgomery Way  
Stratton Business Park  
Biggleswade  
Bedfordshire  
SG18 8UB



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Tel: 01767 314 954  
Email: [info@brinkleyaerospace.com](mailto:info@brinkleyaerospace.com)  
Website: [www.brinkleyaerospace.com](http://www.brinkleyaerospace.com)

UK Contact: Nalson Aviation (Paul Nalson)

Address: Willey Park Farm  
Stanstead Road  
Caterham  
Surrey  
CR3 5DP

Tel: 01767 314 954  
Email: [paul@nalsonaviation.com](mailto:paul@nalsonaviation.com)  
Website: n/a

UK Contact: Proptech (Ali Mant)

Address: Spitfire Way  
Solent Airport  
Lee-on-the-Solent  
Hampshire  
PO13 9FY

Tel: 023 9265 7770  
Email: [sales@proptech.aero](mailto:sales@proptech.aero)  
Website: [www.proptech.aero](http://www.proptech.aero)

Manufacturer contact information:

Wood and Composite propellers

Address: Sensenich Wood Propeller Co  
2008 Wood Court  
Plant City  
FL 33563  
USA

Tel: +1 813 752 3711  
Email: [propsales@sensenich.com](mailto:propsales@sensenich.com)  
Website: [www.sensenich.com](http://www.sensenich.com)

Fixed pitch metal propellers:

Address: Sensenich Propeller Manufacturing Co Inc  
14 Citation Lane  
Lititz  
PA 17543  
USA

Tel: +1 813 752 3711  
Email: [sales@sensenich.com](mailto:sales@sensenich.com)  
Website: [www.sensenich.com](http://www.sensenich.com)



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1.2 Description

Sensenich is a long-established American manufacturer of traditional wood and metal (aluminium alloy) ranges of fixed pitch propellers as well as propellers produced with carbon fibre blades fitted to an aluminium hub allowing for ground adjustable pitch changes. Most of their propellers are certified but propellers are also manufactured for the non-certified market with specialist metal propellers for common high-performance aircraft such as the RV series.

Sensenich propellers are fitted to a large number of LAA administered aircraft types, both amateur built and ex-certified using pretty much all types of aircraft engines.

**Section 2 Mandatory information for owners, operators and inspectors**

At all times, responsibility for the maintenance and airworthiness of an aircraft (including the propeller) rests with the owner. A condition stated on a Permit to Fly requires that: *"the aircraft shall be maintained in an airworthy condition"*.

2.1 Lifed Items

<i>Reference ID</i>	<i>Dated</i>	<i>Description</i>
<a href="#">SB No R-17</a>	16 Mar 99	Increase if TBO (fixed pitch metal propellers)

Check the [Sensenich Support Documentation](#) section of the Sensenich website for updates to the above Service Bulletin and other useful information.

2.2 Operator's Manuals

Where possible, the manuals describing setup, operation and maintenance procedures for the propeller should be obtained from the manufacturer or importer and retained with the aircraft's records.

Installation instructions and other information documentation can be downloaded from the [Sensenich Support Documentation](#) section of the Sensenich website.

2.3 Maintenance Schedule

Installation instructions and other information documentation can be downloaded from the [Sensenich Support Documentation](#) section of the Sensenich website.

Propellers fitted to LAA administered aircraft that are maintained either in accordance with the manufacturer's maintenance schedule, the CAA Light Aircraft Maintenance Schedule (LAMS) [CAP 411](#) or the LAA Generic Maintenance Schedule, further details of which can be found in LAA Technical Leaflet [TL 2.19: The LAA Generic Maintenance Schedule](#). Note: The CAA and LAA produced maintenance schedules were originally written around the maintenance requirements of aircraft fitted with traditional aircraft engines and propellers.

Some aircraft may have mandated maintenance requirements and/or schedules which are stated on the aircraft's Operating Limitations document and these must be followed.

More information on maintenance schedules can be found in the [Aircraft Maintenance](#) section of the LAA website.



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2.4 Airworthiness Directives

There are a number of model-specific Airworthiness Directives issued by the FAA for some Sensenich propellers.

There is an Airworthiness Directive list in the [Sensenich Support Documentation](#) section of the Sensenich website but the [FAA AD Library](#) should also be checked for current applicable ADs issued by propeller model.

2.5 Mandatory Permit Directives

No type-specific MPDs at this time.

Check CAA [CAP 661](#) which lists MPDs issued before 31 January 2012 and is no longer being updated.

The CAA now provides links to MPDs issued after 31 January 2012 on the [CAA MPD Listing](#) page of their website.

The LAA website should be checked for MPDs that are non-type specific in LAA Technical Leaflet [TL 2.22: Non-Type Specific MPDs](#).

2.6 CAA Mandatory Requirements for Airworthiness CAP747 and Civil Aircraft Airworthiness Information and Procedures (CAAIP) CAP562

No type specific requirements or information at this time.

CAA publications [CAP 747](#) and [CAP 562](#) contain information that may be relevant to LAA administered aircraft and should be checked for applicability.

2.7 LAA Required Modifications (including LAA issued AILs, SBs, etc)

<i>Reference ID</i>	<i>Dated</i>	<i>Description</i>
<a href="#">LAA/AWA/18/05</a>	25 Jul 18	Ground adjustable propeller hub inspection. Refer also to Sensenich Service Bulletin <a href="#">SB2016-06B</a> , <a href="#">SB2016-06B FAQ</a> and LAA AIL <a href="#">MOD/SEN/001 Issue 1</a>

2.8 Operating Limitations to be Placarded or Shown by Instrument Markings

The Operating Limitations document for the aircraft will specify aircraft and powerplant limitations for that particular aircraft. Where a propeller is being fitted in accordance with a Propeller Type List ([PTL/1](#)), any limitations proscribed by the relevant [PTL/1](#) document must be adhered to.

Notes:

- Refer to the propeller manufacturer's latest documentation for the definitive parameter values and recommended placards.
- Data stated on the aircraft's Operating Limitations document must be displayed by means of cockpit placards or instrument markings.



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**Section 3 Advice to owners, operators and inspectors**

3.1 General

Where possible, the manuals describing setup, operation and maintenance procedures for the propeller should be obtained from the manufacturer or importer and retained with the aircraft's records.

Installation instructions and other information documentation can be downloaded from the [Sensenich Support Documentation](#) section of the Sensenich website.

3.2 Standard Options

There are no Standard Options for any propellers fitted to LAA administered aircraft at this time.

3.3 Manufacturer's Information (including Service Bulletins, Service Letters, etc)

In the absence of any over-riding LAA classification, inspections and modifications published in the manufacturer's continuing airworthiness data should be satisfied according to the recommendations therein. It is the owner's responsibility to be aware of and supply such information to their inspector.

Service Bulletins and other information documentation can be downloaded from the [Sensenich Support Documentation](#) section of the Sensenich website.

3.4 Special Inspection Points

None

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*Please report any errors or omissions to LAA Engineering: [engineering@laa.uk.com](mailto:engineering@laa.uk.com)*