



LAA TYPE ACCEPTANCE DATA SHEET
TADS P07
EVRA

Issue 1	Initial issue	Dated 16/03/21	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: n/a

Manufacturer contact information:

Address: Hélices Evra
4 Avenue de la forêt d'Halatte
601010 Creil
France

Tel: +33 344 255 031

Email: helice.evra@wanadoo.fr

Website: www.helices-evra.com

1.2 Description

Long-established French manufacturer of traditional fixed-pitch wooden propellers for Continentals, Lycomings, VW, etc, mostly for the certified aircraft market but equally suitable for LAA administered Permit to Fly aircraft. Normally fitted with metal leading edge reinforcement.

There is an immense number of Evra propellers in use on a whole variety of LAA administered aircraft.

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*".



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2.1 Lifed Items

No type-specific 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.

Check the [Evra Propellers](#) website for further information. At this time the website is all in French – check any translations for accuracy.

Refer also to [EASA TCDS P.110 EASA Evra Propeller](#) which may contain some pertinent information.

2.3 Maintenance Schedule

Standard maintenance procedures for wooden propellers apply.

Also, check the [Evra Propellers](#) website for further information. At this time the website is all in French (check any translations for accuracy).

[EASA TCDS P.110 EASA Evra Propeller](#) refers to the Evra Operating and Maintenance manual, document CMM 61/10/01 Issue 2 (dated 02/99).

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) [CAP411](#) 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.

2.4 Airworthiness Directives

Certified versions may have EASA issued Airworthiness Directives which can be found via the [EASA AD Safety Publishing Tool](#).

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.



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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 [CAP747](#) and [CAP562](#) 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)

No type specific required modifications at this time.

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.

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.

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.



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3.4 Special Inspection Points

1. Standard maintenance procedures for wooden propellers apply.
2. Check for signs of wood rot under the leading edge protection due to water seepage, which if left untreated can cause metal leading edge to come adrift in flight.
3. In common with most wooden propeller manufacturers, Evra recommend regular re-torquing of attachment bolts to counteract effects of wood shrinkage and swelling due to climatic changes.

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Please report any errors or omissions to LAA Engineering: engineering@laa.uk.com