

SERVICE BULLETIN

N° EP-SB-2026-001

May 24, 2026

IMPORTANT INFORMATION

Affected propellers:	27 propellers: 3-blade models for tractor ultralights equipped with Rotax 912 & 912S engines (DURANDAL), manufactured in late 2019 . Models: DU 80 MT 160, DU 80 MT 170, DU 100 MT 165, DU 100 MT 170, DU 100 MT 175. See Section 3 for the complete list of affected blade serial numbers.
Reason:	Potential progressive debonding of the blade leading-edge protections, caused by an initial adhesive bonding process used exclusively on the first 27 propellers produced.
Description:	One case of protection detachment has been reported, with no safety consequence. Since January 2020, an improved bonding process has been in use with no issues on several thousand propellers delivered worldwide.
Action:	Return the blades to E-Props within 30 days for re-bonding of the leading-edge protections at no charge. Sending the complete propeller assembly (blades, hub, spacer and spinner) is strongly recommended.
Contact:	as@e-props.fr – helices@e-props.fr – Phone : +33 (0)4 92 34 00 00

Issued by:

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**Signed by:**

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1. CONTEXT

In late 2019, E-Props introduced Titanium leading-edge protection on its propellers. The first 27 DURANDAL 3-blade propellers for tractor ultralights equipped with Rotax 912/912S engines fitted with this new feature were assembled using a newly developed adhesive bonding process. These 27 propellers were invoiced between November 22, 2019 and January 17, 2020.

It has since been found that this initial bonding process may be less durable than expected over time. No issue was reported for several years; however, a case of protection detachment has been reported on one propeller from this batch (Fig. 1 and Fig. 2): May 22, 2026 in Niger. Fortunately, no safety incident occurred as a result of this event.



Fig. 1 – Blade with leading-edge protection detachment



Fig. 2 – Detail of the debonded leading-edge protection

The root cause has been identified as a production error in the surface preparation of the titanium leading-edge protection prior to bonding. An inadequate surface preparation resulted in insufficient adhesion between the titanium part and the blade.

Since January 2020, the surface preparation process has been revised and the bonding procedure updated accordingly. This improved method has shown **no issues** on several thousand DURANDAL propellers delivered worldwide over the past six years.

E-Props is proactively contacting all affected customers directly to offer the corrective action described in this Service Bulletin. **This situation does not require any immediate grounding of the aircraft.** The debonding process, where it occurs, is slow and progressive. Nevertheless, E-Props recommends completing the corrective action within 30 days.

2. CORRECTIVE ACTION

E-Props offers to replace the blade leading-edge protections on all affected propellers.

Item	Details
Impacted parts	Leading-edge protections on the 3 blades of the affected propeller.
Modification	Removal of the existing protections and re-bonding new Titanium parts using the improved adhesive process that has been in use since January 2020.
Urgency	No immediate grounding required. The corrective action must be completed within 30 days of receipt of this Service Bulletin.
Procedure	Send the blades — or preferably the complete propeller assembly (blades + hub + spacer + spinner) — to E-Props at the address below. When the complete assembly is received, E-Props will also perform a full inspection and a rebalancing to ensure optimal performance.
Shipping address	HELICES E-PROPS 195, Route de l'Aviation – ZI Aérodrome de Sisteron 04200 VAUMEILH – France Return reference : SB-T Contact : Antoine Phone : +33 (0)4 92 34 00 00 Email : as@e-props.fr – helices@e-props.fr
Cost	Free of charge. The re-bonding, full inspection and rebalancing are entirely covered by E-Props.
Return shipping	Return shipping costs are at the customer's expense. E-Props will cover re-delivery after the corrective action is completed.

Note: E-Props is contacting each affected customer directly. If you have any questions or have not yet been contacted, please reach out at the address above. We remain at your disposal.

3. LIST OF AFFECTED PROPELLERS

The following 27 propellers are concerned by this Service Bulletin. Each propeller is identified by its invoice or delivery-note reference, its model, and the serial numbers of its three blades.

#	Invoice / BL reference	Date	Model	Blade serial numbers
1	F7668	2019-11-22	DU 100 MT 175	74604 – 74605 – 74606
2	F7667	2019-11-22	DU 100 MT 170	74657 – 74658 – 74659
3	F7680	2019-11-25	DU 100 MT 175	74510 – 74511 – 74512
4	F7682	2019-11-25	DU 100 MT 175	74530 – 74531 – 74532
5	BL2019-12-03-5	2019-12-03	DU 100 MT 170	74560 – 74561 – 74562
6	F7862	2019-12-06	DU 100 MT 175	74577 – 74578 – 74579
7	F7866	2019-12-06	DU 100 MT 165	74580 – 74581 – 74582
8	F7875	2019-12-09	DU 100 MT 170	74677 – 74678 – 74679
9	F7881	2019-12-10	DU 100 MT 175	74589 – 74590 – 74591
10	F7891	2019-12-11	DU 100 MT 170	74592 – 74593 – 74594
11	F7921	2019-12-17	DU 100 MT 175	74607 – 74608 – 74609
12	F7931	2019-12-18	DU 100 MT 175	74613 – 74614 – 74615
13	F7933	2019-12-18	DU 100 MT 175	74610 – 74611 – 74612
14	F7934	2019-12-18	DU 100 MT 170	74619 – 74620 – 74621
15	F7944	2019-12-19	DU 100 MT 175	74636 – 74637 – 74638
16	F7950	2019-12-20	DU 80 MT 170	74645 – 74646 – 74647
17	F7948	2019-12-20	DU 100 MT 170	74639 – 74640 – 74641
18	F7964	2020-01-06	DU 100 MT 175	74704 – 74705 – 74706
19	F7979	2020-01-07	DU 100 MT 175	74654 – 74655 – 74656
20	F7980	2020-01-07	DU 100 MT 175	74663 – 74664 – 74665
21	F8003	2020-01-10	DU 100 MT 175	74669 – 74670 – 74671
22	F8004	2020-01-10	DU 100 MT 170	74666 – 74667 – 74668
23	F8012	2020-01-13	DU 100 MT 175	74672 – 74673 – 74674
24	F8011	2020-01-13	DU 80 MT 160	74680 – 74681 – 74682
25	F8026	2020-01-15	DU 100 MT 170	74695 – 74696 – 74697
26	F8050	2020-01-17	DU 100 MT 175	74716 – 74717 – 74718
27	F8049	2020-01-17	DU 100 MT 175	74686 – 74687 – 74688

Total: 27 propellers concerned — 81 blades affected.