

LIGHT AIRCRAFT ASSOCIATION

PFA PROPELLER TYPE LIST – PTL/1

When referenced in the Operating Limitations document (part of the Permit to Fly) issued to a particular aircraft, this document lists the aircraft/propeller combinations that are acceptable for installation on that aircraft to the LAA. This is subject to satisfying the notes overleaf and any special notes below.

When relying on this document for propeller 'approval', a copy of this document (including the notes overleaf) must be kept with the aircraft records and made available to the LAA inspector on request.

AIRCRAFT TYPE: STREAK SHADOW SA

ENGINE TYPE: ROTAX 532 (2.58:1 REDUCTION)

PROP MANUFACTURER & MODEL DESIGNATION	PROP DIAMETER & PITCH	SPECIAL NOTES
Arplast 152/132 DAM 48/4	1330mm diameter	4 bladed ground adjustable composite propeller
Precision Propellers	52" x 55"	3 blade ground adjustable wood propeller

- Blade pitch angle of ground adjustable propellers to be set initially to result in maximum static RPM of 6200 ± 100 .
- When changing the propeller or its set-up on a microlight it is a legal requirement to obtain an appropriate Noise Certificate.

ENGINE TYPE: ROTAX 582 ('B' Type 2.58 and 'E' Type 2.62:1 REDUCTION)

PROP MANUFACTURER & MODEL DESIGNATION	PROP DIAMETER & PITCH	SPECIAL NOTES
Arplast 152/132 DAM 48/3	1320mm diameter	3 bladed ground adjustable composite propeller
Arplast 152/132 DAM 48/4	1330mm diameter	4 bladed ground adjustable composite propeller
Arplast Ecoprop 133R130/3	1330mm diameter	3 bladed ground adjustable composite propeller
Precision Propellers	52" x 55"	3 blade ground adjustable wood propeller

- Blade pitch angle of ground adjustable propellers to be set initially to result in maximum static RPM of 6200 ± 100 .
- When changing the propeller or its set-up on a microlight it is a legal requirement to obtain an appropriate Noise Certificate.

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PFA PROPELLER TYPE LIST – PTL/1

ENGINE TYPE: **ROTAX 618 ('E' Type 2.62:1 REDUCTION)**

PROP MANUFACTURER & MODEL DESIGNATION	PROP DIAMETER & PITCH	SPECIAL NOTES
Arplast 152/130 DAM 48/4	1310mm diameter	4 bladed ground adjustable composite propeller
Precision Propellers	52" x 55"	3 blade ground adjustable wood propeller
Precision Propellers	52" x 50"	4 blade ground adjustable wood propeller

- Blade pitch angle of ground adjustable propellers to be set initially to result in maximum static RPM of 6200 ± 100.
- When changing the propeller or its set-up on a microlight it is a legal requirement to obtain an appropriate Noise Certificate.

ENGINE TYPE: **ROTAX 912-UL (2.27:1 REDUCTION)**

PROP MANUFACTURER & MODEL DESIGNATION	PROP DIAMETER & PITCH	SPECIAL NOTES
Arplast Ecoprop 133L130/3	1330mm diameter	3 bladed ground adjustable composite propeller
GSC Tech III	52" diameter x 64" to 65" pitch	3 blade ground adjustable wood propeller

- Blade pitch angle of ground adjustable propellers to be set initially to result in maximum static RPM of 5300 ± 100.
- When changing the propeller or its set-up on a microlight it is a legal requirement to obtain an appropriate Noise Certificate.

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