

SERVICE Information

Title: Approved Base and Wing combinations - Australia

Identification	SB-018
Status	Active
Issue	1
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Applicability	All Airborne Windsports trike bases and wings
Compliance	Compliance is dependent on combination

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Summary of Changes: First issue

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Introduction

Some confusion is beginning to arise as to whether or not customers own/operate an approved combination of Airborne Windsports wing and base.

This service information is issued to clarify the approval status of AirBorne Wing and Base combinations.

Identification

Airborne Windsports aircraft are certificated to three different design standards.

To determine the certification type of your aircraft the data plate on the **base** needs to be examined. The following are applicable:

1. **95-32.** All Edge and Edge X series aircraft are certified to this standard. There is a 582 and 503 engine variant.



2. **Type Certified – B Series.** Earlier Edge XT aircraft are certified to this standard. There is a 912 and 582 engine variant. Note the “B” suffix of the model designation on data plate.



3. **LSA – L Series.** Later Edge XT aircraft are certified to this standard. There is a 912 and 582 engine variant. Note the “L” suffix of the model designation on the data plate.



Approved Combinations

95-32 Combinations

Edge & Edge X Base / Wing Approval		
Compliant Wings	Edge 503 95-32	Edge 582 95-32
Edge	AD32	AD32
Wizard	AD32	AD32
Streak 1, 2 and 2B	AD32	AD32

As an example, model X-503, serial no. 503-123 can only be operated with wings:

- Edge, Wizard (all models), Streak 1, Streak 2 and Streak 2B.

Type Certified Combinations

Edge XT - B Series Base / Wing Approval		
Compliant Wings	Edge XT-912-B Primary (TC-VA513)	Edge XT-582-B Primary (TC-VA513)
Cruze	Type Certificate	Type Certificate
Streak 3	Type Certificate	No

If you have a **B Series** base you can only fly with the Cruze wing on the 582. The Cruze and Streak 3 wing can be used on the XT 912.

- Merlin, SST, Arrow, Arrow S, Arrow K wings are not permitted.

Light Sport Aircraft Combinations

Edge XT - L Series Base / Wing Approval		
Compliant Wings	Edge XT-912-L LSA	Edge XT-582-L LSA
Cruze	LSA	LSA
Streak 3	LSA	No
Streak 2B	No	LSA
Merlin	LSA	LSA
SST	LSA	No
Arrow	LSA	No
Arrow S	LSA	No
Arrow K	LSA	LSA

If you have an **L Series** base most wings are allowable. See the table above for approved engine / wing combinations.

Unapproved combinations

In the case of the XT range the bases in each category are essentially the same, the only differences being several placards, the Pilot Handbook and the data plate. The Pilot Handbook, or Flight manual, also defines the approved combinations.

While there are no known flight safety issues of a B series base with an LSA wing, if you have a B series base with an LSA wing, or are thinking of upgrading to a newer wing model, you need to have the aircraft re-certified to the LSA category.

Edge and Edge X bases cannot be re-certified.

Airborne can arrange the issue of a Light Sport Certificate of Airworthiness for a B series aircraft if required. Please contact the factory for further details.

End of Service Bulletin.