

SERVICE BULLETIN

Title: XT 912 Fitment of Cruze Wing

Identification	SB-004
Status	Optional
Issue	1
Issue Date	04 October 2005
Applicability	XT 912 Base, serial numbers 092 and prior
Compliance	Optional

Issued by: Rick Duncan

Approved by: The technical content of this service bulletin has been approved by CASA

Summary of Changes
Initial Issue

Introduction

Certification of the XT912 coupled with the Cruze wing in September 2005 has allowed the opportunity to fit the Cruze wing to earlier manufactured XT 912 trike bases. Fitment of the Cruze wing affects stall speed, never exceed speed and performance

Skills

With care, the owner / maintainer can incorporate this service bulletin. Installation of the Cruze wing can be done using the Pilot's Operating Handbook instructions.

Tooling

No special tools required

Action

To allow the fitment of the Cruze to XT912 bases, serial numbers 092 and prior, the following is required:

1. Fitment of dual Vne Placard (part # 107237)
2. Fitment of new Limitations placard 450kg (part # 105705). The aircraft empty weight is required to be marked onto this placard prior to fitting.
3. Installation of new flight manual XT 912 Streak / Cruze (part # 107164) in the aircraft under seat bag

Documentation

The compliance notice at the rear of this document should be filled out and entered in the rear of the applicable maintenance manual.

Ordering

The above parts should be ordered from AirBorne. When ordering the aircraft placarded empty weight and serial number should be advised.

PO Box 7042, REDHEAD, NSW 2290 AUSTRALIA

E-mail fly@airborne.com.au

Phone (02) 4944 9199 Int +61 2 4944 9199 Fax (02) 4944 9395 Int +61 2 4944 9395

Installation

Removing Placards

Remove existing ASI placard. A knife blade can be use to separate the placard from the ASI. Clean with a mild solvent such as Prepsol to remove any residue glue

ASI Placard

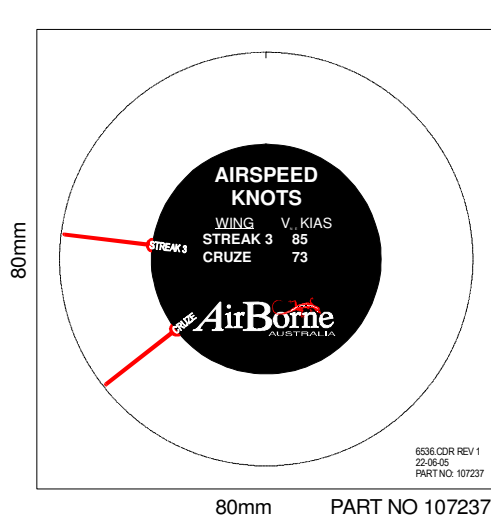
Install placard ensuring that the Vne lines are aligned with the Air Speed Indicator markings

Limitations Placard

Install new placard on right side of dash as positioned previously. Ensure the placard has the correct aircraft empty weight.

Manual

Check Flight Manual has serial numbers of wing/wings and base on the cover. Transfer Aircraft Weighing Information in section 6.2.0 from existing manual



Replacement ASI Placard

ENGINE LIMITATIONS		
ROTAX 912 UL	ENGINE RPM	MAX EGT
5 MINUTES MAX	5800 rpm	880 Deg C
CONTINUOUS	5500 rpm	850 Deg C
	MIN	MAX
OIL PRESSURE	0.8 bar	7 bar
OIL TEMPERATURE	50 Deg C	140 Deg C
CYLINDER HEAD TEMP	150 Deg C	
FUEL TANK CAPACITY	70 Litres	
USEABLE FUEL	67 Litres	
LOADING LIMITATIONS - SEE PILOT'S HANDBOOK SECTION 6.3.3 FOR FUEL LOAD LIMITATIONS.		
EMPTY WEIGHT		
MAX TAKEOFF WEIGHT	450kg	
WEIGHT OF OCCUPANTS	MIN 55kg	MAX 200kg
FLY SOLO FROM FRONT SEAT ONLY		

Replacement Limitations Placard

Safety Bulletin Compliance

SB-004 XT 912 Fitment of Cruze Wing

Aircraft Serial Number

XT 912	
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I/we have incorporated Service Bulletin SB – 004 for the above aircraft

Signed:	
Print Name	

Once complete inset sheet in rear of applicable maintenance manual.