

SERVICE BULLETIN

Title: XT 912 / Streak 3 upgrade to 450 kg

Identification	SB-005
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

The XT 912 Streak 3 was originally certificated to a reduced Maximum Take Off Weight of 445 kg to show category fit compliance to the design standard ie (35 knot stall at MTOW). Subsequent re testing of stall using improved technique showed compliance to the minimum stall speed with a MTOW of 450kg

Skills

With care, the owner / maintainer can incorporate this service bulletin.

Tooling

No special tools required

Action

To allow the MTOW upgrade to XT912 bases serial numbers 092 and prior, the following is required:

1. Fitment of new Limitations placard 450kg (part # 105705). The aircraft empty weight is required to be marked onto this placard prior to fitting.
2. 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.

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

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

62mm

ENGINE LIMITATIONS	ENGINE RPM	MAX EGT
ROTAX 912 UL		
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
	MIN	MAX
WEIGHT OF OCCUPANTS	55kg	200kg
FLY SOLO FROM FRONT SEAT ONLY		

72mm

PART No.105705

Replacement Limitations Placard

Safety Bulletin Compliance

SB-005 XT 912 / Streak 3 upgrade to 450 kg

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.