



Australian Government

Civil Aviation Safety Authority

CERTIFICATE of TYPE APPROVAL

Number: 34-3, Issue 3

Certificate Holder: Airtourer Cooperative Ltd.

Address: 7/2 Harbourview Crescent
Abbotsford Cove
NSW
Australia

This certifies that, on 2 August 1963, approval was granted in accordance with regulation 28 of the Air Navigation Regulations for Air Tourer 115 aeroplanes manufactured by Victa Limited.

Aeroplanes for which this certificate is issued conform with Victa drawing number 00301 and all component drawings current at 2 August 1963, or other drawings approved under the Air Navigation Regulations.

This certificate is valid until suspended or cancelled by the Civil Aviation Safety Authority. The basis of certification is as prescribed in Certificate of Type Approval Data Sheet No. 34-3 issued by this Authority.

A handwritten signature in black ink, appearing to read 'Dinh Nguyen'.

Dinh Nguyen
Delegate of the Authority
23 April 2007





No.: 34-3
Revision: 2
Aircraft: Air Tourer AT-115
Date: 23 April 2007

CERTIFICATE OF TYPE APPROVAL DATA SHEET

This data sheet, which is part of the Certificate of Type Approval No. 34-3, lists the conditions and limitations under which the aircraft for which the Certificate of Type Approval was issued meets the airworthiness requirements of the Civil Aviation Safety Authority.

Certificate Holder. Airtourer Cooperative Ltd.
7/2 Harbourview Crescent
Abbotsford Cove
NSW, 2046
AUSTRALIA

1 Model Air Tourer AT-115 (Normal and Acrobatic Categories) Approved 2 August 1963

Engine	Lycoming O-235-C1 or O-235-C2A
Engine limits	Maximum, takeoff: 2800 rpm Maximum, continuous: 2800 rpm
Fuel	80/87 minimum grade aviation gasoline
Propeller	Type: McCauley 1A105/SLM 6950 Pitch-- 50 inches Diameter: 69 inches (not less than 68 inches) or Type: McCauley 1C90/LM 7055 Pitch: 55 inches Diameter: 70 inches (not less than 69 inches) For both propellers the pitch reference station is 2/3 chord.
Airspeed limits (Knots IAS)	Never exceed 175 Max. structural cruising 122 Manoeuvring at 1650 lb 107 1550 lb 122 Flaps extended 100

Maximum weight	Normal Category:	1650 lb,
	Acrobatic Category:	1550 lb
Maximum baggage	100 lb. See Note 1.	
Centre of Gravity Limits	Forward limit:	
	Normal Category:	
	82.25 inches aft of datum at 1650 lb, and	
	78.75 inches aft of datum at 1275 lb or less. See Note 2.	
	Acrobatic Category:	
	81.3 inches aft of datum at 1550 lb, and	
	78.75 inches aft of datum at 1275 lb or less. See Note 2.	
	Aft limit:	
	Normal Category:	
	86.35 inches aft of datum at all weights.	
	Acrobatic Category:	
	84.9 inches aft of datum at all weights.	
	Datum: 50.0 inches forward of front face of engine bulkhead.	
Fuel Capacity	29.0 Imp. Gal. (28.7 Imp. Gal. useable)	
Oil capacity	1.25 Imp. Gal.	
Number of seats	2	
Control Surface Movements		
	Elevators:	22° up 15° down
	Rudder:	18° left 23° right
		<u>Flaps up</u> <u>Flaps down</u>
	Ailerons:	8° up 4.5° up
	Ailerons:	3° down 9.3° down
	Flapperons:	7.9° up 8° up
	Flapperons:	4.4° down 18° down
	Centre Flap: flaps full down 28.4°	
Serial Nos. Eligible	1 - 169. See Note 3.	

Certification Basis Commonwealth of Australia Department of Civil
Aviation Air Navigation Orders Section 101.1 current at
October 1960. See Note 4.

Aircraft Manuals

Flight Manual: Edge Aviation Document EA-AT115/34-3.

Pilot's Handbook: Air Tourer 115.

Maintenance and Repair Manual: Air Tourer 115.

Illustrated Parts Catalogue: Air Tourer 115.

Placards

Mandatory placards and marking information are specified in the
approved aircraft Flight Manual.

Notes:

1. Baggage must not be carried when performing aerobatics.
2. Linear variation between 1330 lb and 1650 lb.
3. This data sheet is only applicable to AT115 aircraft manufactured by Victa Limited.
However, the Certificate Holder is responsible for the continuing airworthiness of
aircraft within the applicable serial number range.
4. The original Certificate of Type Approval 34-3 was issued without a data sheet. |
5. Revision 2 of this Certificate of Type Approval Data Sheet identifies the new holder of this
CTA and minor change to Note 4. |

Revision 1 of this Certificate of Type Approval Data Sheet references a new aircraft flight
manual, Edge Aviation Document EA-AT115/34-3, which supersedes the original aircraft
flight manual. Revision 1 also amends the maximum engine rpm limitations to reflect the
latest issue of the engine TCDS.

END