



Australian Government

Civil Aviation Safety Authority

TYPE CERTIFICATE

Number: VL501 Issue 5

This certificate, issued to Kavanagh Investment Trust, certifies that, pursuant to Regulation 21.13A of the Civil Aviation Regulations 1998, approval is granted for the following aircraft.

Model B-77 hot air balloon
Model B-105 hot air balloon
Model B-350 hot air balloon
Model B-400 hot air balloon

This certificate is valid until suspended or cancelled by the Civil Aviation Safety Authority. The basis of certification is as prescribed in Type Certificate Data Sheet Number VL501 issued by this Authority.

Date of application:

Model B-400: 26 October 1998
Model B-105: 30 June 1999
Model B-350: 21 July 2000
Model B-77: 29 July 2003

Date of issuance: 11 April 2008



Dinh Nguyen
Delegate of the Authority

Safe Skies for All

This certificate may be transferred in accordance with CASR 21.47

Notes

1. Fuel capacity

A minimum of two master tanks and one slave tank must be carried in the model B-400.

A minimum of two master tanks and one slave tank must be carried in the model B-350.

A minimum of two master tanks must be carried in the model B-105.

A minimum of two master tanks must be carried in the model B-77 if a double burner is fitted or a minimum of one master and one slave if a single burner is fitted

Additional master or slave tanks may be optionally carried.

All fuel tanks must be as specified in Drawing No. KAV-GEN-30-001, KAV-GEN-30-002 or KAV-GEN-30-003 as applicable to each model.
2. Flight Manuals

Kavanagh Balloons Hot Air Balloon Flight Manual - Issue 1, March 2008 and Supplements or later CASA approved revision.
3. Maintenance:

Airworthiness Limitations and maintenance requirements are specified in the Kavanagh Balloons Maintenance Manual, Issue 4, Revision 0, dated 1st March 2007 (or later revision)
4.

For Type B Balloons with Serial Numbers higher than 371 refer to Australian Type Certificate (TC) VL507 which consolidates all Kavanagh Balloon model into one TC.
5. Revision history:

Revision 6 of this TCDS:

 - (a) Reformats the TCDS for consistency with other models;
 - (b) Amend maximum envelope temperature for B-400 model;
 - (c) Makes minor corrections to envelope volumes.;
 - (b) Introduces an closing serial number;
 - (c) Introduces a common flight manual.

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