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# **Type Acceptance Report**

**TAR 0/21B/10**

**Aerostar International Inc. S-77A**



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## Introduction

This report details the basis on which Type Acceptance Certificate No.0/21B/10 was granted in the Standard category in accordance with NZCAR Part 21 Subpart B.

Specifically the report aims to:

- (a) Record the airworthiness certification standard used for type acceptance of the applicable model in New Zealand;
- (b) Summarise any outstanding requirements which must be complied with for the issue of a NZ Airworthiness Certificate to the model covered by the Type Acceptance Certificate.

## Foreign Type Certificate Details

Type Certificate: A15CE

Issued by: FAA

Manufacturer: Aerostar International Inc.

Model: S-77A

MCTOW 3450 lbs

The certification basis of the S-77A is Part 31 of the Federal Aviation Regulations dated July 1 1964, as amended by 31-1 and 31-2.

This is an acceptable certification basis in accordance with NZCAR Part 21B Para §21.41. There are no non-compliances and no special conditions have been prescribed by the Director under 21.23.

## Type Acceptance Application

The application for New Zealand type acceptance was from Aoraki Balloon Safaris Ltd dated 23 December 1999.

Type Acceptance Certificate No.0/21B/10 was granted on 23 December 1999.

## Type Data

The type data requirements of NZCAR Part 21B Para §21.43 have been satisfied by supply of the following documents:

- |  |                      |
|--|----------------------|
| (1) Type certificate:                  | Already held by CAA. |
| (2) Airworthiness design requirements: | Already held by CAA. |
| (3) Certification compliance listing:  | Already held by CAA. |

- (4) Flight manual: FAA approved S-77A Balloon Flight Manual dated 15/4/83  
CAA Accepted as AIR 2678
- (5) Illustrated Parts Catalogue: N/A
- (6) Maintenance manual and service data: Already held by CAA.
- (7) Agreement from manufacturer to supply updates of data in (4):  
CAA 2171 form already held accepted as applicable.
- (8) Other information: Nil.

### **Additional New Zealand Certification requirements**

No additional NZ requirements are applicable to hot-air balloons.

### **Summary**

Type Acceptance Certificate No 0/21B/10 has been granted to the S-77A and all examples of this balloon are now eligible for the issue of a New Zealand Airworthiness Certificate in the Standard Category in accordance with CAR §21.177.

### **Sign off**

Peter Gill  
Airworthiness Engineer

Date: 23 December 1999