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Team Leader, Manufacturing Section
Safety Oversight Branch
Operations Division
CASA

Dear Sir,

Request for Australian Parts Manufacturer Approval

Applicant: THOMAS MANUFACTURING P/L
12 Aviation Street,
TULLAMARINE, VIC 3043

Manufacturing Facility Address: As Above
Contact Person: John Thomas, Managing Director
Telephone (03) 1234 1234

Part for which APMA is requested:

Part Description: Spring

Part P/N: THOMAS 7654321

For Installation on: General Aircraft Models T210, 315, 327 and Jonkers 234

Replacement for Original Part P/N: Bendix BS 89

Design Data: Drawing No 7654321

Licence Agreement: Nil

(See enclosed documentation for application design data and manufacturing procedures.)

The following are enclosed:

- o Two copies of the spring drawing No 7654321
- o One copy of the procurement Bill of Material
- o One copy of heat treatment process specifications
- o One copy of technical justification supporting a finding of test and computation and other supporting documentation.
- o A compliance statement for design and manufacturing against the regulatory requirements.
- o A statement that Thomas Manufacturing P/L has established the Fabrication Inspection System in compliance with CASR 21.303(11).
- o CASA form 849 Application for a Production Approval and CASA form 724 Statement of Conformity
- o One conforming 'first article' spring.

It is our understanding that if the APMA is granted, one copy of the drawing (stamped approved) will be returned to Thomas Manufacturing P/L and that this approved drawing is to be kept on file at the Thomas Manufacturing P/L manufacturing facility.

I look forward to a positive CASA response to this application.

Yours faithfully,

John Thomas
5 August 2009

Postal Address: GPO BOX 2005, CANBERRA ACT

File Ref:04/9999-1

ARN: 123456

**CIVIL AVIATION SAFETY AUTHORITY
AUSTRALIAN PARTS MANUFACTURING APPROVAL**

APMA No: APMA-123456

Mr John Thomas
Managing Director
Thomas Manufacturing P/L
12 Aviation Street
TULLAMARINE VIC. 3043

Dear Mr Thomas,

I refer to your APMA application to CASA dated 5 August 1999.

In accordance with the provisions of CASR 21.303, CASA has found the drawings, specifications and processes submitted as design data by Thomas Manufacturing P/L (the Manufacturer) on 5 August 1999 meet the airworthiness requirements of the Civil Aviation Safety Regulations (1998) applicable to the products on which the part(s) is to be installed. That design data is hereby approved.

CASA has determined that the Manufacturer has established the documented Fabrication Inspection System required by CASR 21.303(11). The documented system is identified as Revision 2, dated 30 July 1999 of the Thomas Manufacturing P/L Quality System Manual. The Manufacturer must maintain the documented system in continuous compliance with the requirements of CASR 21.303(11).

The attached Supplement defines the extent of approval given under this APMA and is to be read in conjunction with this approval. Manufacture in accordance with the established Fabrication Inspection System, and the attached Supplement, is approved at the following locations:

12 Aviation Street
TULLAMARINE VIC 3043.

In accordance with CASR 21.303(9), this APMA is granted to the Manufacturer to produce the part(s) listed in the attached Supplement in conformity with the CASA approved design.

This APMA is not transferable and, unless suspended, continues in force until cancelled. Subject to due process, CASA may suspend or cancel this APMA by written notice if the holder ceases to comply with the relevant parts of CASR Part 21.

This APMA is issued subject to the following conditions:

1. The Manufacturer must produce all parts in accordance with the documented (Manufacturer's name) ... quality system manual, Revision ..., dated, the approved system, or later CASA approved revision.
2. The Manufacturer's Fabrication Inspection System, methods, and procedures documented in the approved quality system manual, together with the Manufacturer's facilities, are subject to CASA audit or investigation. As CASA does not separately approve suppliers, the Manufacturer must advise any suppliers or contractors that their facilities and processes are also subject to CASA audit in assuring the Manufacturer's system is being properly maintained.
3. The design and process data listed on the attached Supplement is approved data. This data is not to be altered unless permitted and approved by CASA.

4. Changes to the Fabrication Inspection System that may affect inspection or conformity to the design data or airworthiness of the part are considered major changes to the APMA. CASA must be advised in writing of the changes within 2 days of implementation.
5. Relocation, or expansion of the manufacturing facilities to include new facilities, must be notified to CASA in writing within 10 days of the date the relocation or expansion takes place.
6. Parts produced under this approval must be permanently marked with APMA identification in the detail required by CASR 21.865. If an APMA is granted for an assembly, detail parts of the assembly sold separately must also be marked in accordance with the requirements of CASR 21 Subpart Q.
7. CASR 21.003 requires the Manufacturer to report to CASA information in the detail and to the timeframe required by CASR 21.003, all defects, failures, and malfunctions in any parts produced, or in processes approved under this APMA.
8. In addition to Item 7 above, the Manufacturer must report to CASA in a timely manner, all information concerning service difficulties on any part produced under this approval.
9. The Manufacturer must make available to CASA, on request, information concerning suppliers who furnish parts or services including;
 - a) a description of the part/s including part name, and part number,
 - b) where and by whom the part or service will be inspected,
 - c) any delegation of inspection functions to the supplier,
 - d) any delegation of material review functions to the supplier,
 - e) name and title of the company contact at the supplier facility,
 - f) inspection procedures required to be implemented by the supplier
 - g) results of the manufacturers internal evaluation, audit and surveillance of suppliers,
 - h) related purchase and work orders
 - i) feedback relative to service difficulties originating from the manufacturer's suppliers.
10. Parts, appliances or services furnished by any suppliers located in a foreign country may not be used in the production of any part listed in the enclosed APMA Supplement unless:
 - a) That part or service can and will be completely inspected for conformity at the Manufacturer's Australian facility; or
 - b) CASA has determined that the supplier's location places no undue burden upon CASA in administering the applicable airworthiness requirements; or
 - c) The parts/services furnished by the foreign supplier are produced under the 'components' provisions of an Australian Bilateral Airworthiness Agreement or Bilateral Aviation Safety Agreement, and approved for import to Australia in accordance with CASR 21.502.
11. All technical data required by CASR 21.303(3)(c) for the parts to be produced under this approval, must be readily available to CASA at the facility at which the parts are being produced.
12. CASA must be notified within 10 days if the Manufacturer's address shown in this approval changes.

Yours sincerely,

{Signed}

Delegate of CASA

Date of original issue: 30 September 1999

Attachment: APMA Supplement

5.3.1 Sample CASA APMA Supplement (Design Approval) Test and Computation

Australian Parts Manufacturing Approval Supplement No. 001

Australian Parts Manufacturing Approval No. APMA-123456

Dated: 30 September 1999

To: Thomas Manufacturing P/L
12 Aviation Street,
TULLAMARINE, VICTORIA 3043

APMA Replacement Part:
Part Name: Spring
For Installation on: General Aircraft Models
Part P/N: THOMAS 7654321
Replacement for Part P/N: Bendix BS 89
Design Data: Drawing No 7654321 Rev 1
Approval Means: Test and Computation
Licence Agreement: Nil

APMA Supplement Revision: 0

Yours faithfully,

{Signed}

Delegate of the Civil Aviation Safety Authority.

5.4.1 Sample CASA APMA Supplement (Design Approval) Identity

APMA Production Approval Supplement No. 001
Australian Parts Manufacturing Approval No. APMA-654321

Dated: 14 December 1998

To: Thomas Aircraft Interiors, Inc.,
12 Aviation Street,
TULLAMARINE, VICTORIA 3043

APMA Replacement Part:

Part Name: Galley
For Installation on: ACE Aircraft Model 700
Eligibility: ACE Aircraft Model 700, S/N 123 and up
Part P/N: S101001-101
S101001-301

Replacement for original P/N: 101001-101
101001-301

Design Data: Interior Inc STC, drawings per licensing agreement

Design Approved: Interior Inc. FAA STC No xxxx

Approval Means: Identity

Licensing Agreement: License agreement between Thomas Aircraft Interiors and Interiors Inc.

Refer Thomas File No 04/8888

FAA STC No. NN12345

Holder : Interiors Inc.

12 Main Street,

Los Angeles Airport, CA 900012, USA

APMA Supplement Rev 1

Yours faithfully,

{Signed}

Delegate of the Civil Aviation Safety Authority.

Production Approval Procedures Manual

5. Sample Letters

5.5 Sample Australian Parts Manufacturing Approval Supplement

Approved by Executive Manager, Operations Division Version 2.1: March 2010

AUSTRALIAN PARTS MANUFACTURING APPROVAL SUPPLEMENT

Manufacturer

Thomas Manufacturing Pty Ltd
12 Aviation St
Tullamarine
Victoria 3045

APMA No: APMA-599999

Supplement No: 001

ARN: 599999

Approved Location(s)

747 Mackay Ave.
Bowenmango QLD. 4108

Date: 30 September 2004

Part Name	Part Number	Approved Replacement for Part Number(s)	Approval Basis Approved Design/Process Data	Make Eligibility	Model Eligibility
Battery Kit 1 Battery Kit 2 Spacer Block Battery Tray L/H Support Bracket	A123 A125 A126-1 A126-2 A126-3 A126-4	See STC NN555	Identicality per STC NN555	Anstrom	Unitsia 204 Series

End of Listing

(Signed)

Delegate of the Civil Aviation Safety Authority.



To: Thomas Aircraft Interiors, Inc.,
12 Aviation Street,
TULLAMARINE, VICTORIA 3043

14 December 1998

I refer to your APMA application dated 01 November 1998

CASA has reviewed the data you submitted. CASA does not find that compliance with the regulatory requirements for APMA has been demonstrated. Non-compliance in relation to CASR 21.303(3) was found in the following areas:

*The design data was not found to be compliant with the corresponding end product Type Certificate design standard.
or for 'Identicality',*

The design data was not found to be identical with the corresponding replacement part data.

The data you submitted is enclosed.

Yours faithfully,

{Signed}

Delegate of the Civil Aviation Safety Authority.

5. Sample Letters

5.7 Sample ATSO Authorisation Application and Statement of Conformance

Approved by Executive Manager, Operations Division Version 2.1: March 2010

{Date}

Team Leader, Manufacturing Section,
Safety Oversight Branch,
Operations Division

Dear Sir,

**Subject: ATSO {title of ASTO} for
{model or part number}-() Series**

I am applying for issue of an Australian Technical Standard Order Authorisation (ATSOA).

I certify that the article(s) listed below by model, type and part number *{use applicable designation}* has (have) been tested and meet(s) the performance standards of *{ATSO number}*. In addition, the applicable provisions of CASR Part 21 have been met.

{Model, type or part number} Example: Model _____-() Series.

The technical data required by the ATSO are enclosed.

The quality control data required by CASR 21.605(2)(c) are enclosed.

CASA form 724 Statement of Conformity is enclosed.

Yours faithfully,

{Signed}

Ref: 04/12345

Avia Belts Pty. Ltd.
PO Box 578910
Numpytown
Qld 4896

For Attention: Mr D Samuelson

Subject: Avia Belt Restraint Harness Technical Standard Order C114

Dear Sir,

This Letter of Approval refers to your application, dated 01 May, 2003, requesting an Australian Technical Standards Order Authorisation (ATSOA) for your restraint harness Part Number ABPL 5-A1. Based on the data presented and your statement certifying that the article meets in full the minimum performance standards of TSO C114 as applicable, and the requirements of Civil Aviation Safety Regulations Part 21, Subpart O, authorisation is granted.

Effective from the date of this authorisation you are authorised to manufacture the restraint harness P/N ABPL 5-A1 and mark the articles with the identification marks required in CASR 21.607(c) and, if applicable, any additional marking requirement.

All ATSO articles must be manufactured at the authorised location in accordance with the Avia Belts Pty. Ltd. ATSOA Quality Assurance and Procedures Manual, Initial Issue dated 27 July, 2003 or later CASA-approved revision. Revisions must be passed to CASA for review before implementation.

Your production authorisation methods, and procedures documented in the approved quality system manual, together with the manufacturing facilities, are subject to CASA audit or investigation. As CASA does not separately approve suppliers, you should advise any suppliers or contractors that their facilities and processes are also subject to CASA audit in assuring CASA your system is being properly maintained.

The authorised design data may be changed, however the requirements of CASR 21.611 apply. Minor design changes must be forwarded to CASA at intervals not exceeding six months. Major design changes require a new ATSOA application to CASA.

You are required to report to CASA information in the detail and to the timeframe required by CASR 21.003, all defects, failures and malfunctions in any parts produced, or in processes authorised under this ATSOA. Reports are to be forwarded to your CASA controlling office.

The production location is identified as:

9 Markus Street,
Numptytown
QLD 4896



This authorisation is not transferable to another location or person and continues in force until it is surrendered, suspended or cancelled. Subject to due process, CASA may suspend or cancel this ATSOA by written notice if the holder ceases to comply with the relevant parts of CASR Part 21.

Parts, appliances or services furnished by any suppliers located in a foreign country may not be used in the production of any ATSOA article unless:

- a) That part or service can and will be completely inspected for conformity at the authorised manufacturer's Australian facility; or
- b) CASA has determined that the supplier's location places no undue burden upon CASA in administering the applicable airworthiness requirements; or
- c) The parts/services furnished by the foreign supplier are produced under the provisions of an Australian Bilateral Airworthiness Agreement or Bilateral Aviation Safety Agreement, and approved for import to Australia in accordance with CASR 21.502.

Should you cease to manufacture the subject ATSO article, you are required to send to CASA copies of the complete and current technical data file for the article including design drawings and specifications in accordance with CASR 21.613(1)(a).

This ATSOA is a design and manufacturing authorisation, not an installation approval. Therefore, to address end user/installer responsibilities and in accordance with the applicable TSO requirements, the following text must be supplied with each article:

"The conditions and tests required for ATSO approval of this article are minimum performance standards. It is the responsibility of each person intending to install the article on or within an aircraft to determine that the conditions in which the article will be installed are not more onerous than those specified in the ATSO. The article may only be installed in accordance with installation data approved by CASA or an appropriately authorised person."

Yours faithfully,

Delegate of the
Civil Aviation Safety Authority

Date issued:

Ref: 04/12345

Avia Belts Pty. Ltd.
PO Box 578910
Numpytown
Qld 4896

Dear ,

Production Inspection System Approval

Your production inspection system established and maintained at *{facility address}* has been evaluated and found to be in compliance with CASR 21.125. You are now authorised to produce the following Aircraft/Engines/Propellers and their associated parts in compliance with the requirements contained in CASR Part 21, Subpart F, and in conformity with the type design data forming the basis for the following type certificate(s):

Type Certificate

Make

Model

Subject to due process, CASA may cancel this approval by written notice if the holder ceases to comply with the relevant parts of CASR Part 21.

1. The Manufacturer must manufacture all products and parts in accordance with the documented ... (Manufacturer's name) ... Approved Production Inspection System manual, Revision ..., dated, or later CASA approved revision.
2. The Manufacturer's Production Inspection System, together with the Manufacturer's facilities, are subject to CASA audit or investigation. As CASA does not separately approve suppliers, the Manufacturer must advise any suppliers or contractors that their facilities and processes are also subject to CASA audit in assuring the Manufacturer's system is being properly maintained.
3. Changes to the Approved Production Inspection System that affect inspection or conformity to the design data are considered major changes. CASA must be advised in writing of the changes within 2 days of implementation. Product or parts produced between the time the change is implemented and CASA evaluation of the change must be quarantined until released by CASA.
4. Relocation, or expansion of the manufacturing facilities to include new facilities, must be notified to CASA in writing within 10 days of the date the relocation or expansion takes place. Product or parts produced between the dates the relocation or expansion takes place and CASA evaluation of the changes effected in the manufacturing facility, must be quarantined until released by CASA.
5. Products and parts produced under this approval must be permanently marked with identification in the detail required by CASR Part 21, Subpart Q.



6. CASR 21.003 requires the Manufacturer to report to CASA information in the detail and to the timeframe required by CASR 21.003, all defects, failures, and malfunctions in any parts produced, or in processes approved under this approval.
7. The Manufacturer must make available to CASA, on request, information concerning suppliers who furnish parts or services including;
 - a. a description of the part/s including part name, and part number,
 - b. where and by whom the part or service will be inspected,
 - c. any delegation of inspection functions to the supplier,
 - d. any delegation of material review functions to the supplier,
 - e. name and title of the company contact at the supplier facility,
 - f. inspection procedures required to be implemented by the supplier
 - g. results of the manufacturer's internal evaluation, audit and surveillance of suppliers,
 - h. related purchase and work orders
 - i. feedback relative to service difficulties originating from the manufacturer's suppliers.
8. Parts, appliances or services furnished by any suppliers located in a foreign country may not be used in the production of any product under this approval unless:
 - a. That part or service can and will be completely inspected for conformity at the Manufacturer's Australian facility; or
 - b. CASA has determined that the supplier's location places no undue burden upon CASA in administering the applicable airworthiness requirements; or
 - c. The parts/services furnished by the foreign supplier are produced under the 'components' provisions of an Australian Bilateral Airworthiness Agreement or Bilateral Aviation Safety Agreement, and approved for import to Australia in accordance with CASR 21.502.
9. All technical data required for the parts to be produced under this approval, must be readily available to CASA at the facility at which the parts are being produced. CASR 21.123(1)(b)
10. CASA must be notified within 10 days if the Manufacturer's address shown in this approval changes.

Yours faithfully,

{Signed}

Delegate of CASA

Date issued:

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