



CIVIL AVIATION ACT 1988
CERTIFICATE OF APPROVAL
Number C575729 Issue 08

This Certificate of Approval (COA) is granted to:

PRATT & WHITNEY AIR NEW ZEALAND SERVICES

ARN 575729 Z3EY983Y

trading as

CHRISTCHURCH ENGINE CENTRE

This Certificate of Approval, granted pursuant to regulation 30 of the *Civil Aviation Regulations (1988)*, provides authority for the holder to carry out the aviation related activities at the locations listed in Schedule 1 subject to conditions listed in Schedule 2.

This Certificate is effective from 13 September 2011 and will expire on 30 September 2012.

PETER REGINALD FEREDAY
Executive Manager
Industry Permissions Division

Delegate of the Civil Aviation Safety Authority

13 September 2011

Schedule 1 to Certificate of Approval Number C575729 Issue 08

The following approved activities may only be conducted at:

LOCATION:	634 Memorial Avenue Christchurch International Airport CHRISTCHURCH, 8053 NEW ZEALAND	TYPE: Main
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1. Maintenance of aircraft airframe components, engines and engine components

(a) Turbine engines

- (i) International Aero Engine (IAE) V2500 A1, A5 & D5 Series engines.
- (ii) Pratt & Whitney JT8D Standard Series engines.
- (iii) Pratt & Whitney JT8D-200 Series engines.
- (iv) Rolls Royce Dart Series engines.

2. Maintenance of aircraft components - specialised maintenance tasks

(a) Non-destructive testing

- (i) Eddy current in accordance with the articles current manufacturers technical instructions or applicable air carriers maintenance manual as appropriate.
- (ii) Fluorescent Magnetic Particle in accordance with ASTM E-1444 as revised.
- (iii) Liquid Penetrant in accordance with ASTM E-1417 as revised.
- (iv) Radiography in accordance with ASTM E-1742 as revised.
- (v) Ultrasonic in accordance with the articles current manufacturers technical instructions or applicable air carriers maintenance manual as appropriate.

(b) Welding

- (i) Welding type 4 Tungsten Inert Gas (TIG) welding IAW AWS D17.1 as revised.

....End This Location....

Schedule 1 to Certificate of Approval Number C575729 Issue 08 Continued

The following approved activities may only be conducted at:

LOCATION:	TYPE: Temporary
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1. Maintenance of aircraft airframe components, engines and engine components

(a) Turbine engines

- (i) International Aero Engine (IAE) V2500 A1, A5 & D5 Series engines.
Limitations: Limited to off-wing engine maintenance and unserviceability rectification within the normal capability of the organisation. All such work to be performed under arrangement with an approved aircraft maintenance organisation.
- (ii) Pratt & Whitney JT8D Standard Series engines.
Limitations: Limited to off-wing engine maintenance and unserviceability rectification within the normal capability of the organisation. All such work to be performed under arrangement with an approved aircraft maintenance organisation.
- (iii) Pratt & Whitney JT8D-200 Series engines.
Limitations: Limited to off-wing engine maintenance and unserviceability rectification within the normal capability of the organisation. All such work to be performed under arrangement with an approved aircraft maintenance organisation.
- (iv) Rolls Royce Dart Series engines.
Limitations: Limited to off-wing engine maintenance and unserviceability rectification within the normal capability of the organisation. All such work to be performed under arrangement with an approved aircraft maintenance organisation.

2. Maintenance of aircraft components - specialised maintenance tasks

(a) Non-destructive testing

- (i) Eddy current in accordance with the articles current manufacturers technical instructions or applicable air carriers maintenance manual as appropriate.
Limitations: Limited to off-wing engine maintenance and unserviceability rectification within the normal capability of the organisation. All such work to be performed under arrangement with an approved aircraft maintenance organisation.
- (ii) Fluorescent Magnetic Particle in accordance with ASTM E-1444 as revised.
Limitations: Limited to off-wing engine maintenance and unserviceability rectification within the normal capability of the organisation. All such work to be performed under arrangement with an approved aircraft maintenance organisation.
- (iii) Liquid Penetrant in accordance with ASTM E-1417 as revised.
Limitations: Limited to off-wing engine maintenance and unserviceability rectification within the normal capability of the organisation. All such work to be performed under arrangement with an approved aircraft maintenance organisation.
- (iv) Radiography in accordance with ASTM E-1742 as revised.
Limitations: Limited to off-wing engine maintenance and unserviceability rectification within the normal capability of the organisation. All such work to

Schedule 1 to Certificate of Approval Number C575729 Issue 08 Continued

The following approved activities may only be conducted at:

LOCATION:	TYPE: Temporary
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be performed under arrangement with an approved aircraft maintenance organisation.

- (v) Ultrasonic in accordance with the articles current manufacturers technical instructions or applicable air carriers maintenance manual as appropriate.
Limitations: Limited to off-wing engine maintenance and unserviceability rectification within the normal capability of the organisation. All such work to be performed under arrangement with an approved aircraft maintenance organisation.

(b) Welding

- (i) Welding type 4 Tungsten Inert Gas (TIG) welding IAW AWS D17.1 as revised.
Limitations: Limited to off-wing engine maintenance and unserviceability rectification within the normal capability of the organisation. All such work to be performed under arrangement with an approved aircraft maintenance organisation.

...End Schedule 1....

Schedule 2 to Certificate of Approval Number C575729 Issue 08

Approved activities set out in Schedule 1 are subject to the following conditions:

1. The authority of this certificate is conditional upon compliance with Civil Aviation legislation inclusive of any additional conditions imposed in accordance with sub-regulation 30(3) of the Civil Aviation regulations 1988.
2. An activity covered by the certificate may only be conducted at the locations approved for that activity as set out in schedule 1.
3. All Non-Destructive Testing (NDT) shall be accomplished in accordance with Manufacturer's technical data or where no data exists in accordance with approved aircraft maintenance data developed to comply with the listed NDT specifications. All personnel are to be qualified and certified in accordance with the NAS-410 standard.

...End Schedule 2....

