

UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

Air Agency Certificate

Number Z3EY983Y

This certificate is issued to

Pratt & Whitney Air New Zealand Services
DBA Christchurch Engine Centre

whose business address is

634 Memorial Avenue
Christchurch International Airport
New Zealand

upon finding that its organization complies in all respects with the requirements of the Federal Aviation Regulations relating to the establishment of an Air Agency, and is empowered to operate an approved REPAIR STATION

with the following ratings:

LIMITED AIRFRAME
LIMITED POWERPLANT
LIMITED NONDESTRUCTIVE INSPECTION, TESTING AND PROCESSING

This certificate, unless canceled, suspended, or revoked, shall continue in effect Until October 31, 2012

Date issued:

Original:
April 29, 2001

By direction of the Administrator


Gregory N. Bousie
Manager, Singapore IFO (WP-33)

This Certificate is not Transferable, AND ANY MAJOR CHANGE IN THE BASIC FACILITIES, OR IN THE LOCATION THEREOF, SHALL BE IMMEDIATELY REPORTED TO THE APPROPRIATE REGIONAL OFFICE OF THE FEDERAL AVIATION ADMINISTRATION

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both

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A001 . Issuance and Applicability

HQ Control: 11/04/2011

HQ Revision: 05b

a. These operations specifications are issued to Pratt & Whitney Air New Zealand, a Foreign Repair Station, pursuant to Title 14 Code of Federal Regulations (CFR) Section 145.53. The repair station certificate holder shall conduct operations in accordance with CFR Part 145 and these operations specifications.

The certificate holder's address:

Fixed Location:
634 Memorial Avenue
Christchurch International Airport
Christchurch, Canterbury 8053
New Zealand

Mailing Address:
P.O. Box 14005
Christchurch International Airport
Christchurch, Canterbury, New
Zealand
8053

b. The holder of these operations specifications is the holder of Certificate Number Z3EY983Y and shall hereafter be referred to as the certificate holder.

c. These operations specifications are issued as part of this Repair Station Certificate, and are in effect as of the Date Approval is effective. This certificate and operations specifications shall remain in effect until 10/31/2012, unless sooner surrendered, suspended, or revoked.

The certificate holder is authorized to conduct the operations described in subparagraph a under the following other business names:

Christchurch Engine Centre

Delegated authorities: None

1. Issued by the Federal Aviation Administration .
2. Support information reference:
3. These Operations Specifications are approved by direction of the Administrator.



2012.01.17 20:01:45 Central Standard Time
Location: WebOPSS
Digitally signed by John J Hiles, Principal
Maintenance Inspector (WP33)

4. Date Approval is effective: 01/09/2012 Amendment Number: 20
5. I hereby accept and receive the Operations Specifications in this paragraph.

Gullery, Dean, Manager Quality Assurance & Safety



2012.01.08 15:47:59 Central Standard Time
Location: WebOPSS
Digitally signed by Geoffrey Winter on behalf of
Gullery, Dean, Manager Quality Assurance & Safety

Date: 01/09/2012

A002 . Definitions and Abbreviations

HQ Control: 11/15/2010

HQ Revision: 05a

Unless otherwise defined in these operations specifications, all words, phrases, definitions, and abbreviations have identical meanings to those used in the Title 14 Code of Federal Regulations (CFR) Regulations and Title 49 United States Code as cited in Public Law 103-272, as amended. Additionally, the definitions listed below are applicable to operations conducted in accordance with these operations specifications.

**Bilateral Aviation
Safety Agreement
(BASA)**

An executive agreement concluded between the United States and a foreign country for the purpose of promoting aviation safety; also known as an Agreement for the Promotion of Aviation Safety.

Certificate Holder

In these operations specifications the term "certificate holder" shall mean the holder of the repair station certificate described in these operations specifications in Part A paragraph A001 and any of its officers, employees, or agents used in the conduct of operations under this certificate.

CFR

Code of Federal Regulations

Class rating

As used with respect to the certification, ratings, privileges, and limitation of aircraft within a category having similar operating characteristics.

**Domestic Repair
Station**

A certificated repair station located in the United States.

Exemption

An authorization that permits an alternate means of compliance with a specific CFR. The exemption must meet the procedural requirements of CFR 14, Part 11.

**FAA Accountable
Manager**

A person designated by the certificated repair station who is responsible for and has authority over all repair station operations that are conducted under 14 CFR Part 145, including ensuring that the repair station's personnel follow the regulations and serving as the primary contact with the FAA.

FAA Form 8000-4-1

The FAA Form 8000-4-1 has been replaced with the form contained within this operations specifications application (OPSS) for the generation of the 14 CFR Part 145 Repair Station Operations Specifications.

**Foreign Repair
Station**

A certificated repair station located outside of the United States.

**Geographic
Authorization**

An approval provided to a foreign repair station to perform maintenance support under contract for a U.S. air carrier, or operator of U.S. - registered aircraft under 14 CFR Part 129, at a location other

than the repair station facility. A geographic authorization is issued by the FAA to respond to the need of a U.S. air carrier or Part 129 foreign operator for maintenance at a station where the frequency and scope of that maintenance does not warrant permanently staffing and equipping the station for its accomplishment.

EASA

European Aviation Safety Agency

**EASA Accountable
Manager**

The manager who has corporate authority for ensuring that all maintenance required by the customer can be financed and carried out to the standard required by the EASA full member Authority.

Limited Rating

Rating issued to repair stations for the performance of maintenance on particular makes and models of airframes, powerplants, propellers, radios, instruments, accessories, and/or parts.

**Limited Ratings -
Specialized Services**

Rating issued for a special maintenance function when the function is performed in accordance with a specification or data acceptable to the Administrator.

Line Maintenance

Any unscheduled maintenance resulting from unforeseen events; or scheduled checks where certain servicing and/or inspections do not require specialized training, equipment, or facilities.

Maintenance

The inspection, overhaul, repair, preservation, and the replacement of parts, but excludes preventive maintenance.

**Maintenance
Implementation
Procedures (MIP)**

Procedures for implementing the provisions of a BASA that apply to maintenance.

MOE

Maintenance Organization Exposition - Pertains to European Aviation Safety Agency member countries that use an MOE in place of a Repair Station Manual and a Quality Control Manual.

**Preventive
Maintenance**

As defined in Appendix A subparagraph (c) of 14 CFR Part 43.

QCM

Quality Control Manual

RSM

Repair Station Manual

1. Issued by the Federal Aviation Administration .
2. Support information reference:
3. These Operations Specifications are approved by direction of the Administrator.



2012.01.17 20:01:45 Central Standard Time
Location: WebOPSS
Digitally signed by John J Hiles, Principal
Maintenance Inspector (WP33)

4. Date Approval is effective: 01/09/2012 Amendment Number: 9
5. I hereby accept and receive the Operations Specifications in this paragraph.

Gullery, Dean, Manager Quality Assurance & Safety



2012.01.08 15:51:26 Central Standard Time
Location: WebOPSS
Digitally signed by Geoffrey Winter on behalf of
Gullery, Dean, Manager Quality Assurance & Safety

Date: 01/09/2012

A003 . Ratings and Limitations

HQ Control: 01/30/2004

HQ Revision: 010

The Certificate Holder is authorized the following Ratings and/or Limitations:

Class Ratings

None authorized

Limited Ratings

<u>Rating</u>	<u>Manufacturer</u>	<u>Make/Model</u>	<u>Limitations</u>
Airframe	Boeing	B-727 Series, B-737-200	Limited to removal, installation and inspection of engines and associated QEC components. Minor repairs of associated QEC components must be accomplished in accordance with maintenance technical data or other data acceptable to the administrator.
	McDonnell Douglas	DC-9 Series, MD-80 series, MD-90 series	Limited to removal, installation and inspection of engines and associated QEC components. Minor repairs of associated QEC components must be accomplished in accordance with maintenance technical data or other data acceptable to the administrator.
	Fokker	F27	Limited to removal, installation and inspection of engines and associated QEC components. Minor repairs of associated QEC components must be accomplished in accordance with maintenance technical data or other data acceptable to the administrator.
	Nippi Corp (NAMC)	YS-11	Limited to removal, installation and inspection of engines and associated QEC components. Minor repairs of associated QEC components must be accomplished in accordance with maintenance technical data or other data acceptable to the administrator.
	BAE	Hawker Sidely 748	Limited to removal, installation and inspection of engines and associated QEC components. Minor repairs of associated QEC components must be accomplished in accordance with maintenance technical data or other data acceptable to the administrator.
	Airbus	A319, A320, A321	Limited to removal, installation and inspection of engines and associated QEC components. Minor repairs of associated QEC components must be accomplished in accordance with maintenance technical data or other data acceptable to the administrator.
	Fairchild	F227	Limited to removal, installation and inspection of engines and associated QEC components. Minor

<u>Rating</u>	<u>Manufacturer</u>	<u>Make/Model</u>	<u>Limitations</u>
Powerplant	Rolls Royce Dart	RDa7, RDa8, RDa10	repairs of associated QEC components must be accomplished in accordance with maintenance technical data or other data acceptable to the administrator.
	Pratt & Whitney	JT8D-7B, -9, -11, -15, -15A, -17, -17A, -17R, 217 Series & 219 Series	Limited to Overhaul, Test, Inspect, Modify, Repair including major repairs and major alterations in accordance with the manufacturer's technical data and instructions, FAA approved customer specification, FAA approved air carrier maintenance program or other data approved by the administrator.
	International Aero Engines	V2500-A1, -A5, -D5	Limited to Overhaul, Test, Inspect, Modify, Repair including major repairs and major alterations in accordance with the manufacturer's technical data and instructions, FAA approved customer specification, FAA approved air carrier maintenance program or other data approved by the administrator.
Nondestructive Inspection, Testing, and Processing			Limited to the performance of Liquid Penetrant, Magnetic Particle, Ultrasonic, Radiography, and Eddy Current inspection processes. This work shall be accomplished in accordance with current technical instructions issued by the article's manufacturer or in accordance with the air carrier's technical instructions when required by 14 CFR Part 145.205. NDT personnel shall be qualified in accordance with NAS 410, as required.

Limited Ratings - Specialized Services

<u>Rating</u>	<u>Specifications</u>	<u>Limitations</u>
None Authorized		

1. Issued by the Federal Aviation Administration .
2. Support information reference:
3. These Operations Specifications are approved by direction of the Administrator.



2012.01.17 20:01:46 Central Standard Time
Location: WebOPSS
Digitally signed by John J Hiles, Principal
Maintenance Inspector (WP33)

4. Date Approval is effective: 01/09/2012 Amendment Number: 24
5. I hereby accept and receive the Operations Specifications in this paragraph.

Gullery, Dean, Manager Quality Assurance & Safety



2012.01.08 15:54:59 Central Standard Time
Location: WebOPSS
Digitally signed by Geoffrey Winter on behalf of
Gullery, Dean, Manager Quality Assurance & Safety

Date: 01/09/2012

A004 . Summary of Special Authorizations and Limitations

HQ Control: 09/23/1998

HQ Revision: 010

a. The certificate holder, in accordance with the reference paragraphs, is authorized to:

	Reference Paragraphs
Use an approved electronic recordkeeping system, electronic/digital signature, and/or electronic media.	A025

b. The certificate holder is *not authorized and shall not*:

	Reference Paragraphs
Use Exemptions.	A005
Perform maintenance with NAA ratings where the scope of work is authorized by a BASA/MIP.	A060
Perform work, including continuous operations, at additional locations other than at its primary fixed location.	A101
Conduct operations choosing to have an antidrug and alcohol misuse prevention program.	A449
Perform maintenance in accordance with foreign repair station geographic authorizations.	B050
Perform work, excluding continuous operations, at additional locations other than at its primary Fixed Location.	D100
Perform line maintenance for cert. holders conducting operations under Parts 121 and 135 and for foreign carriers/persons operating U.S. registered aircraft in common carriage under Part 129, apart from D100 which authorizes that work away from station.	D107

1. Issued by the Federal Aviation Administration .
2. Support information reference:
3. These Operations Specifications are approved by direction of the Administrator.



2012.01.17 20:01:46 Central Standard Time
Location: WebOPSS
Digitally signed by John J Hiles, Principal
Maintenance Inspector (WP33)

4. Date Approval is effective: 01/09/2012 Amendment Number: 14
5. I hereby accept and receive the Operations Specifications in this paragraph.

Gullery, Dean, Manager Quality Assurance & Safety



2012.01.08 15:59:21 Central Standard Time
Location: WebOPSS
Digitally signed by Geoffrey Winter on behalf of
Gullery, Dean, Manager Quality Assurance & Safety

Date: 01/09/2012

A007 . Designated Persons

HQ Control: 12/19/2006

HQ Revision: 030

a. The personnel listed in the following table are designated to officially apply for and receive operations specifications for the certificate holder indicated below.

Table 1 – Designated Persons to Apply for and Receive Authorizations

Title	Name	Parts Authorized
FAA Accountable Manager, 145 / General Manager	McWilliam, Brendon S	A,D
Manager of Operations	Jack, Graham R	A,D
Manager Quality Assurance & Safety	Gullery, Dean	A,D

b. The following personnel listed in Table 2 are designated by the certificate holder to receive Information for Operators (INFO) messages for the certificate holder as indicated below. A receipt for the information by an operator or person is not required.

Table 2 – Designated to Receive INFO Messages

Name	Email Address	Telephone No.	Type of Information to Receive
Gullery, Dean	dean.gullery@pw.utc.com	+64 3 3747003 +64 21 625031	ALL
Jack, Graham	graham.jack@pw.utc.com	+64 3 3747980 +64 21 757413	ALL
McWilliam, Brendon S	brendon.mcwilliam@pw.utc.com	+64 3 3747892 +64 21 790034	ALL

1. Issued by the Federal Aviation Administration .
2. Support information reference: Add Dean Gullery & Brendon McWilliam to receive info messages, correct phone number for Graham Jack
3. These Operations Specifications are approved by direction of the Administrator.



2012.01.17 20:01:47 Central Standard Time
Location: WebOPSS
Digitally signed by John J Hiles, Principal
Maintenance Inspector (WP33)

4. Date Approval is effective: 01/09/2012 Amendment Number: 14
5. I hereby accept and receive the Operations Specifications in this paragraph.

Gullery, Dean, Manager Quality Assurance & Safety



2012.01.08 16:28:26 Central Standard Time
Location: WebOPSS
Digitally signed by Geoffrey Winter on behalf of
Gullery, Dean, Manager Quality Assurance & Safety

Date: 01/09/2012

**A025 . Electronic/Digital Recordkeeping System,
Electronic/Digital Signature, and Electronic Media**

HQ Control: 11/16/2004

HQ Revision: 00a

a. The certificate holder is authorized to use an approved electronic/digital recordkeeping system, described and/or referenced in this paragraph (if none, enter N/A.)

See CHCEC Exposition 4.11.3/4.11.4 - Electronic Record keeping.

b. The certificate holder is authorized the use of the following electronic/digital signature procedures (if none, enter "N/A").

N/A

c. The certificate holder is authorized to use electronic media for the repair station and quality control manuals, if acceptable (if none, enter "N/A").

See CHCEC Exposition 4.5.2/4.8.8 - Electronic Manuals.

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2. Support information reference:
3. These Operations Specifications are approved by direction of the Administrator.



2012.01.17 20:01:47 Central Standard Time
Location: WebOPSS
Digitally signed by John J Hiles, Principal
Maintenance Inspector (WP33)

4. Date Approval is effective: 01/09/2012 Amendment Number: 4
5. I hereby accept and receive the Operations Specifications in this paragraph.

Gullery, Dean, Manager Quality Assurance & Safety



2012.01.08 16:32:44 Central Standard Time
Location: WebOPSS
Digitally signed by Geoffrey Winter on behalf of
Gullery, Dean, Manager Quality Assurance & Safety

Date: 01/09/2012