

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
D/B/A CHRISTCHURCH ENGINE CENTRE

whose business address is

115 ORCHARD ROAD
CHRISTCHURCH INTERNATIONAL AIRPORT
CHRISTCHURCH, CANTERBURY 8051, 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 - ENGINE
LIMITED - AIRFRAME
LIMITED - NONDESTRUCTIVE INSPECTION, TESTING & PROCESSING

*This certificate, unless canceled, suspended, or revoked,
shall continue in effect* UNTIL OCTOBER 31, 2021

By direction of the Administrator

Date issued:

ORIGINAL:
APRIL 29, 2001

ALTON K. CLARK, MANAGER
LOS ANGELES-IFO (AFS-54 LAX)

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: 02/11/2016

HQ Revision: 05e

a. These operations specifications are issued to Pratt & Whitney Air New Zealand Services, a Repair Station, located outside the United States, pursuant to 14 CFR Part 145, § 145.53. The repair station certificate holder shall conduct operations in accordance with 14 CFR Part 145 and these operations specifications.

The certificate holder's address:

Fixed Location:
115 Orchard Road
Christchurch International Airport
Christchurch, Canterbury 8051
New Zealand

Mailing Address:
P.O. Box 14230
Christchurch International Airport
Christchurch, Canterbury, New
Zealand
8544

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 these operations specifications shall remain in effect until the expiration date on the issued certificate for a repair station that is located outside the United States unless previously surrendered, suspended, or revoked.

d. U.S./EU Aviation Safety Agreement Repair Station/Maintenance Organization Approvals not authorized.

e. 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. These Operations Specifications are approved by direction of the Administrator.



Digitally signed by Patrick M Crowley, Principal Maintenance Inspector (FS58)
[1] SUPPORT INFO: FAA HQ Template Change
[2] EFFECTIVE DATE: 5/21/2017, [3] AMENDMENT #: 23
DATE: 2017.05.21 16:49:24 -05:00

3. I hereby accept and receive the Operations Specifications in this paragraph.

Digitally signed by Blair J Price on behalf of Gullery, Dean, Manager Quality
Assurance & Safety
DATE: 2017.08.14 20:54:38 -05:00

A002 . Definitions and Abbreviations

HQ Control: 12/14/2017

HQ Revision: 05d

Unless otherwise defined in these operations specifications, all words, phrases, definitions, and abbreviations have identical meanings to those used in 14 CFR and 49 U.S.C., 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.

BASA	The Bilateral Aviation Safety Agreement (BASA) is 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" means 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.
CAAS	Civil Aviation Authority of Singapore
CFR	Code of Federal Regulations
Class Rating	As used with respect to the certification, ratings, privileges of airframes, powerplants, propellers, radios, instruments, and accessories within a category having similar operating characteristics.
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.
EU	European Union
Exemption	An authorization that permits an alternate means of compliance with a specific CFR. The exemption must meet the procedural requirements of 14 CFR Part 11.
FOCA	Federal Office of Civil Aviation
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.

Geographic Authorization	Authorization provided to a repair station located outside the United States to perform maintenance support under contract for a U.S. air carrier (or an operator of U.S.- registered aircraft under 14 CFR Part 129) at a location other than the repair station's main facility. A geographic authorization is issued by the FAA to respond to a U.S. air carrier's or Part 129 foreign operator's need 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.
Limited Rating	A 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 approved by 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.
MAG	The Maintenance Annex Guidance (MAG) defines the process that the FAA and EASA undertake in the inspection, findings of compliance certification, and monitoring of repair stations, as well as their joint cooperation in quality assurance and standardization activities in support of the EASA Agreement, Annex 2, Maintenance. The term Maintenance Agreement Guidance (MAG) defines the processes and activities applicable to a specific country under an MIP, and is not associated with the EASA Agreement.
Maintenance	The inspection, overhaul, repair, preservation, and replacement of parts, but excludes preventive maintenance.
U.S./EU Aviation Safety Agreement, Annex 2, Maintenance	Annex 2 covers the reciprocal acceptance of findings of compliance, approvals, documentation and technical assistance regarding approvals and the monitoring of repair stations/maintenance organizations.
MIP	Maintenance Implementation Procedures (MIP) are procedures for implementing the provisions of a BASA that apply to maintenance performed under 14 CFR Part 145, Section 145.53(b).
MOE	A maintenance organization exposition (MOE) pertains to procedural manuals used by maintenance organizations certificated by a foreign country. The MOE along with the FAA Supplement, sets forth the structure and procedures of the repair station to meet the requirements of 14 CFR Part 145 under a MIP.

**Preventive
Maintenance**

As defined in 14 CFR part 1 and part 43 appendix A,
subparagraph (c).

QCM

Quality Control Manual

**Repair Station located
in the United States**

A FAA certificated repair station located in the United States.

**Repair Station located
outside the United
States**

A FAA certificated repair station located outside of the United States.

RSM

Repair Station Manual

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1. Issued by the Federal Aviation Administration.
 2. These Operations Specifications are approved by direction of the Administrator.



Digitally signed by Patrick M Crowley, Principal Maintenance Inspector (FS58)
[1] SUPPORT INFO: FAA HQ Template Change - Add New Definition
[2] EFFECTIVE DATE: 4/2/2018, [3] AMENDMENT #: 12
DATE: 2018.04.02 16:28:54 -05:00

3. I hereby accept and receive the Operations Specifications in this paragraph.

Digitally signed by Blair J Price, Systems Audit QA Engineer
DATE: 2018.04.02 15:42:17 -05:00

A003 . Ratings and Limitations

HQ Control: 04/03/2017

HQ Revision: 01a

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	Airbus	A319, A320, A321	Limited to removal, installation, inspection and minor repairs of QEC components and specific air carrier engine related inspections and repairs, including 'C' Check, when performed in accordance with an approved air carrier's Continuous Airworthiness Maintenance Program (CAMP), maintenance technical data or other data acceptable to the administrator.
	McDonnell Douglas	MD-90 Series	Limited to removal, installation, inspection and minor repairs of QEC components and specific air carrier engine related inspections and repairs, including 'C' Check, when performed in accordance with an approved air carrier's Continuous Airworthiness Maintenance Program (CAMP), maintenance technical data or other data acceptable to the administrator.
Engines	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

Rating Manufacturer Make/Model Limitations

NAS 410, as required.

Limited Ratings - Specialized Services

Rating Specifications Limitations

None Authorized

-
1. Issued by the Federal Aviation Administration.
 2. These Operations Specifications are approved by direction of the Administrator.



Digitally signed by Patrick M Crowley, Principal Maintenance Inspector (FS58)
[1] SUPPORT INFO: Updated Ops Spec Template
[2] EFFECTIVE DATE: 8/15/2017, [3] AMENDMENT #: 29
DATE: 2017.08.15 16:57:27 -05:00

3. I hereby accept and receive the Operations Specifications in this paragraph.

Digitally signed by Blair J Price on behalf of Gullery, Dean, Manager Quality
Assurance & Safety
DATE: 2017.08.15 18:46:32 -05:00

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. These Operations Specifications are approved by direction of the Administrator.



Digitally signed by Walter W Bearden, Principal Maintenance Inspector (FS58)
[1] SUPPORT INFO: Removed A101.
[2] EFFECTIVE DATE: 6/30/2015, [3] AMENDMENT #: 16
DATE: 2015.06.30 15:16:10 -05:00

3. I hereby accept and receive the Operations Specifications in this paragraph.

Digitally signed by Geoffrey Winter on behalf of Gullery, Dean, Manager Quality
Assurance & Safety
[1] SUPPORT INFO: Remove A101, additional fixed location, as no longer
required.
DATE: 2015.06.30 14:40:45 -05:00

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
Director of Quality Assurance / Manager Quality Assurance & Safety	Gullery, Dean	A
FAA Accountable Manager, 145 / General Manager	Jack, Graham R	A
QA Systems/Audit Engineer	Winter, Geoff A	A
QA Systems/Audit Engineer	Price, Blair J	A

- 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

1. The Certificate Holder applies for the Operations in this paragraph.
2. These Operations Specifications are approved by direction of the Administrator.



Digitally signed by Patrick M Crowley, Principal Maintenance Inspector (FS58)
[1] SUPPORT INFO: QA Management Title Change - Geoff
[2] EFFECTIVE DATE: 7/16/2018, [3] AMENDMENT #: 18
DATE: 2018.07.16 21:08:29 -05:00

3. I hereby accept and receive the Operations Specifications in this paragraph.

Digitally signed by Geoffrey A Winter on behalf of Gullery, Dean, Manager Quality
Assurance & Safety
[1] SUPPORT INFO: Update job titles of QA audit engineers to reflect current
description
DATE: 2018.07.16 21:02:53 -05:00

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

HQ Control: 04/03/2017

HQ Revision: 00b

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

See CHCEC Exposition 4.11.3/4.11.4/4.12.1 - Electronic Record keeping.

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

See CHCEC Exposition 3.4.5/4.11.0 Paperwork & Signatory Standards

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.

1. Issued by the Federal Aviation Administration.

2. These Operations Specifications are approved by direction of the Administrator.



Digitally signed by Patrick M Crowley, Principal Maintenance Inspector (FS58)
[1] SUPPORT INFO: Initial Issue of Ops Spec - Data Validated
[2] EFFECTIVE DATE: 4/2/2018, [3] AMENDMENT #: 6
DATE: 2018.04.02 16:31:41 -05:00

3. I hereby accept and receive the Operations Specifications in this paragraph.

Digitally signed by Blair J Price, Systems Audit QA Engineer
DATE: 2018.04.02 15:44:26 -05:00