



CIVIL AVIATION ACT 1988
CERTIFICATE OF APPROVAL
Number 1-PFMF4 Issue 04

This Certificate of Approval (COA) is granted to:

WALSH AVIONICS PTY LTD
ARN 804366 ACN 138 910 255

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 June 2013.

CAROL MAY SAMWORTH
Section Head Permissions Issue
Industry Permissions Division, Permission Application Centre

Delegate of the Civil Aviation Safety Authority

13 June 2013

Schedule 1 to Certificate of Approval Number 1-PFMF4 Issue 04

The following approved activities may only be conducted at:

LOCATION:	17 EAGLE DRIVE JANDAKOT AIRPORT, WA, 6164	TYPE: Main
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1. Maintenance of Aircraft - Specialised Maintenance Tasks

- (a) Machining
Limitations: Limited to printed circuit boards and panels
- (b) Preparation and application of protective coatings
 - (i) Decals, placards, markings, signs

2. Maintenance of aircraft airframe components, engines and engine components

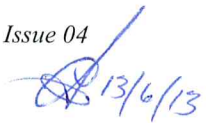
- (a) Emergency equipment
 - (i) Helicopter emergency float components
- (b) Helicopter dynamic components
 - (i) Cooling fans & blowers
- (c) Hot air balloon components
 - (i) Instruments
- (d) Ice and rain protection systems including windshield clear vision components
- (e) Piston engines components
 - (i) Fuel flow indicator
 - (ii) Ignition harnesses
 - (iii) Magnetos
 - (iv) Starting Vibrators
- (f) Pneumatic components
- (g) Pressurisation system components
- (h) Role equipment
 - (i) Cargo hook & hook release components
- (i) Turbine engine components
 - (i) Igniter system components

3. Maintenance of aircraft instrument components

- (a) Air data computers
Limitations: Limited to bench checks only
- (b) Autopilot
 - (i) Actuators and servos
 - (ii) Altitude hold sensors
 - (iii) Computers
 - (iv) Controllers

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Schedule 1 to Certificate of Approval Number 1-PFMF4 Issue 04 Continued

The following approved activities may only be conducted at:

LOCATION: 17 EAGLE DRIVE JANDAKOT AIRPORT, WA, 6164	TYPE: Main
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- (b) Autopilot continued
 - (v) Yaw damper computers
- (c) Caution and warning system components
- (d) Direct reading compasses
- (e) Electronic indicators
- (f) Fuel system
 - (i) Quantity indicators
 - (ii) Quantity sensors
- (g) Ground Proximity Warning System Equipment
- (h) Gyroscopic instruments
 - (i) Air driven
 - (ii) Auto-pilot coupled
 - (iii) Electric driven
- (i) Interwiring
- (j) Pitot-Static Instruments
- (k) Propeller control system components
- (l) Remote compass system
 - (i) Controllers
 - (ii) Flux detectors
 - (iii) Indicators
- (m) Stall warning system equipment
- (n) Thermocouples
- (o) Time pieces

4. Maintenance of aircraft electrical components

- (a) Alternators and generators
- (b) Cabin combustion heaters
- (c) Caution and warning system components
- (d) Electric motors, actuators and pumps
 - (i) Constant speed drive units & Integrated drive units
 - (ii) DC Motors
 - (iii) Fuel pumps
 - (iv) Inverters & converters
 - (v) Transformer/Rectifiers

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The following approved activities may only be conducted at:

LOCATION:	17 EAGLE DRIVE JANDAKOT AIRPORT, WA, 6164	TYPE: Main
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- (d) Electric motors, actuators and pumps continued
 - (vi) Transformers
 - (vii) Voltage regulators
- (e) Electric valves
- (f) Environmental system components
- (g) Fire detection and extinguishing system equipment
Limitations: Excluding pressure vessels and their contents
- (h) Galley equipment
- (i) Heating system components
- (j) Ice and rain protection system components
- (k) Ignition leads/harnesses
- (l) Ignition units
- (m) Interwiring
- (n) Lighting assemblies
- (o) Lighting system components
- (p) Magnetos
- (q) Printed circuit boards and logic cards
- (r) Propeller control units
- (s) Role equipment
- (t) Solenoids and relays
- (u) Starter generators
- (v) Starter motors
- (w) Switches and switch panels
- (x) Tacho generators
- (y) Transducers
- (z) Transmitters

5. Maintenance of aircraft radio components

- (a) Analogue Audio system equipment excluding IFES
- (b) Analogue HF communication equipment
- (c) Analogue UHF communication system components

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The following approved activities may only be conducted at:

LOCATION:	17 EAGLE DRIVE JANDAKOT AIRPORT, WA, 6164	TYPE: Main
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- (d) Analogue VHF communication equipment
 - (e) ATC Transponder equipment excluding ACAS equipment
 - (f) Automatic Direction Finding equipment
 - (g) Cockpit Voice Recording equipment
Limitations: Limited to control panels only
 - (h) Digital Audio system equipment excluding IFES
 - (i) Digital HF communication equipment
 - (j) Digital UHF communication system components
 - (k) Digital VHF communication equipment
 - (l) Distance Measuring equipment
 - (m) Emergency locating transmitters and receivers
Limitations: Limited to switch panels and battery changes
 - (n) ILS equipment
 - (o) In Flight Entertainment System (IFES) equipment
Limitations: Limited to aircraft under 5700kg
 - (p) Interwiring
 - (q) Multi Modal Receivers
 - (r) Satellite Navigation equipment
 - (s) TAC/COM system components
 - (t) TCAS equipment
Limitations: Limited to control and display systems only
 - (u) VHF Omni Range (VOR) equipment
- 6. Maintenance of aircraft components - specialised maintenance tasks**
- (a) Preparation and application of protective coatings
 - (i) Decals, placards, markings, signs
- 7. Maintenance of aircraft materials - specialised maintenance tasks**
- (a) Machining
Limitations: Limited to printed circuit boards and instrument panels
 - (b) Preparation and application of protective coatings
 - (i) Decals, placards, markings & signs

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Schedule 1 to Certificate of Approval Number 1-PFMF4 Issue 04 Continued

The following approved activities may only be conducted at:

LOCATION:	17 EAGLE DRIVE JANDAKOT AIRPORT, WA, 6164	TYPE: Main
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8. Distribution of aircraft components and materials excluding aviation fuels

- (i) Limited to avionics components

....End This Location....

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Schedule 1 to Certificate of Approval Number 1-PFMF4 Issue 04 Continued

The following approved activities may only be conducted at:

LOCATION:	TYPE: Temporary
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1. Maintenance of Aircraft

- (a) Class A and Class B aircraft not classified as Non Type Certificated Historical and Ex-military aircraft and not classified as Group 20
 - (i) Piston engine aeroplanes with a maximum take-off weight not exceeding 5700 kg
Limitations: Limited to electrical, instrument and radio systems only
 - (ii) Piston engine helicopters with a maximum take-off weight not exceeding 3175 kg
Limitations: Limited to electrical, instrument and radio systems only
 - (iii) Turbine engine aeroplanes with a maximum take-off weight not exceeding 5700 kg
Limitations: Limited to electrical, instrument and radio systems only
 - (iv) Turbine engine helicopters with a maximum take-off weight not exceeding 3175 kg
Limitations: Limited to electrical, instrument and radio systems only
- (b) Non Type Certificated Historical and Ex-military aircraft
Limitations: Limited to electrical, instrument and radio systems only

...End Schedule 1....

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Schedule 2 to Certificate of Approval Number 1-PFMF4 Issue 04

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

1. Maintenance at mobile locations is limited to aircraft defect rectification only.
2. All maintenance carried out at temporary and mobile locations must be carried out in accordance with the provisions of Chapter 6 Section 9 of the Walsh Avionics Pty Ltd Maintenance Organisation Manual. Proposed changes to Chapter 6 Section 9 must be accepted by CASA in writing before being implemented.

...End Schedule 2....

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