Airworthiness Directive

Pacific Aerospace FBA-2C Series Aircraft

CIVIL AVIATION AUTHORITY OF NEW ZEALAND

Issued by the Civil Aviation Authority of New Zealand in accordance with section 72I(3A) of the Civil Aviation Act. An Airworthiness Directive (AD) contains regulatory information which is mandatory. An operator of an aircraft must not operate the aircraft unless the operator complies with every applicable AD issued by the Director in accordance with section 72I(3A) of the Civil Aviation Act. An AD is issued where the Director believes on reasonable grounds that an unsafe condition exists in an aircraft or aeronautical product.

DCA/FBA/4 Elevator Push-pull Rod Assembly – Inspection

Applicability: Pacific Aerospace Limited FBA-2C1, FBA-2C2, FBA-2C3 and FBA-2C4 aircraft, all S/N.

Requirement: To ensure the integrity of the elevator push-pull rod assembly, accomplish the following:

Remove the elevator push-pull rod assembly and inspect the exterior and interior of the push-pull rod per the instructions in Pacific Aerospace Service Bulletin (SB) PACSB/2C/001 issue 1, dated 25 September 2018, or later approved revision.

Inspect the exterior of the elevator push-pull rod and if moderate or severe corrosion is found in the external surface of the push-pull rod, replace the push-pull rod before further flight, per the instructions in PACSB/2C/001.

Inspect the interior of the elevator push-pull rod and if any corrosion is found in the internal surface of the push-pull rod, replace the push-rod before further flight, per the instructions in PACSB/2C/001.

Re-assemble and re-install the elevator push-pull rod assembly per the instructions in PACSB/2C/001.

Compliance: Within the next 50 hour TIS, or by 31 January 2019, whichever is the sooner.

Effective Date: 6 December 2018

Background: During a visual inspection corrosion was found in the external surface of a push-pull rod on a FBA-2C1 aircraft in operation overseas. Further investigation revealed severe corrosion in the internal surface of the elevator push-pull rod. To ensure the integrity of the elevator push-pull rod assembly DCA/FBA/4 is issued to mandate the instructions in Pacific Aerospace Service Bulletin (SB) PACSB/2C/001 issue 1, dated 25 September 2018.