

Airworthiness Directive

Alpha Aviation HR200 Series and R2000 Series Aircraft



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/R2000/25A Engine Air Intake Box and Ducting – Inspection

- Applicability:** Model HR 200/100, HR 200/100S, HR 200/120, HR 200/120B and HR 200/160 aircraft, S/Ns 001 through 378.
Model R 2100, R 2100 A, R 2112, R 2120 U, R 2160 and R 2160 D aircraft, S/Ns 001 through 378.
- Requirement:** To prevent loss of engine power due to a possible paint adherence defect inside the engine air intake box, accomplish the following:
Inspect the engine air intake box (including the deflection flap) and the engine air intake ducting (include the area downstream of the filter) per Alpha Aviation Service Bulletin No. AA-SB-71-007 dated August 2014 or later approved revisions.
If any defects are found, replace affected parts per SB No. AA-SB-71-007 before further flight.
- Note 1:** The replacement of defective parts is not a terminating action to the repetitive inspection requirements mandated by this AD.
- Note 2:** From the effective date of this AD do not install a painted engine air intake box or a repaired engine air duct on any aircraft.
(EASA AD 2014-0155 and CEAPR SB No. 161R3 dated 6 Sep 2012 refer)
- Compliance:** Within the next 100 hours TIS and thereafter at intervals not to exceed 100 hours TIS.
- Effective Date:** DCA/R2000/25 - 29 June 2006
DCA/R2000/25A - 5 September 2014
- Background:** DCA/R2000/25A revised to introduce Alpha Aviation Service Bulletin No. AA-SB-71-007 dated August 2014 which provides more specific inspection and replacement instructions. This SB supersedes the requirements in CEAPR SB No. 161.

A handwritten signature in dark ink, appearing to read 'Owen Olls', is positioned above the printed name and title.

Owen Olls
Airworthiness Specialist
Delegate of the Civil Aviation Authority of New Zealand
28 August 2014