

Airworthiness Directive Schedule

Engines

Austro E4 Series

26 September 2024

- Notes:**
1. This AD schedule is applicable to Austro E4 and E4P series engines manufactured under EASA Type Certificate No. E.200.
 2. The European Union Aviation Safety Agency (EASA) is the National Airworthiness Authority (NAA) responsible for the issue of State of Design Airworthiness Directives (ADs) for these engines.
State of Design ADs can be obtained directly from the EASA website at:
<http://ad.easa.europa.eu/>
 3. The date above indicates the amendment date of this schedule.
 4. New or amended ADs are shown with an asterisk *

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EASA AD 2011-0039 High Pressure Fuel Pump – Inspection

Applicability: Model E4 engines, all S/N.

Compliance: Initial compliance required before the issue of a New Zealand Certificate of Airworthiness, or at the next Review of Airworthiness (RA), whichever is the sooner, unless previously accomplished. Repetitive inspections, if required, are to be accomplished at intervals not to exceed the times specified in the EASA AD.

Effective Date: 25 June 2020

EASA AD 2013-0213R1 Waste Gate Controller – Replacement

Applicability: Model E4 engines, all S/N.

Compliance: Initial compliance required before the issue of a New Zealand Certificate of Airworthiness, or at the next Review of Airworthiness (RA), whichever is the sooner, unless previously accomplished. Repetitive inspections, if required, are to be accomplished at intervals not to exceed the times specified in the EASA AD.

Effective Date: 25 June 2020

EASA AD 2017-0103R1 Timing Chain – Replacement / AFM – Amendment

Applicability: Model E4 engines, all S/N having configuration “-B” or “-C”; and
Model E4P engines, all S/N installed on twin engine aeroplanes.

Compliance: Initial compliance required before the issue of a New Zealand Certificate of Airworthiness, or at the next Review of Airworthiness (RA), whichever is the sooner, unless previously accomplished. Repetitive inspections, if required, are to be accomplished at intervals not to exceed the times specified in the EASA AD.

Effective Date: 25 June 2020

EASA AD 2018-0125 Waste Gate Controller and Control Rod Circlip – Life Limit / Modification

Applicability: Model E4 and E4P engines, all S/N.

Compliance: Initial compliance required before the issue of a New Zealand Certificate of Airworthiness, or at the next Review of Airworthiness (RA), whichever is the sooner, unless previously accomplished. Repetitive inspections, if required, are to be accomplished at intervals not to exceed the times specified in the EASA AD.

Effective Date: 25 June 2020

EASA AD 2019-0041 Airworthiness Limitations – Amendment

Applicability: Model E4 and E4P engines, all S/N.

Compliance: Initial compliance required before the issue of a New Zealand Certificate of Airworthiness, or at the next Review of Airworthiness (RA), whichever is the sooner, unless previously accomplished. Repetitive inspections, if required, are to be accomplished at intervals not to exceed the times specified in the EASA AD.

Effective Date: 25 June 2020

EASA AD 2021-0055R1 Cancelled – EASA AD 2021-0094 refers

Effective Date: 29 April 2021

EASA AD 2021-0094 Oil Pump – Replacement

Applicability: Model E4 and E4P engines, all S/N.

Effective Date: 29 April 2021

EASA AD 2021-0143-E Cancelled – EASA AD 2021-0191-E Refers

Effective Date: 20 August 2021

EASA AD 2021-0191-E Oil Pump – Replacement

Applicability: Model E4 and E4P engines, all S/N.

Effective Date: 20 August 2021

EASA AD 2021-0203R1 Cancelled – EASA AD 2021-0274-E Refers

Effective Date: 23 December 2021

EASA AD 2021-0274-E High Pressure Pump Driving Gear – Inspection

Applicability: Model E4 and E4P engines, all S/N.

Note: EASA AD 2021-0274-E partially retains the requirements in superseded EASA AD 2021-0203R1, requires replacement of the HPP driving gear on engines fitted with an affected cylinder head/HPP driving gear combination. This AD also provides requirements for the installation of a HPP driving gear.

Effective Date: 23 December 2021

EASA AD 2022-0240R1 Cancelled – EASA AD 2023-0163 Refers

Effective Date: 1 September 2023

EASA AD 2023-0163 Pistons – Oil Analysis / Replacement

Applicability: E4 and E4P engines, all S/N listed in Table 1, 2, 3 and 4 of Austro Engine MSB MSB-E4-039 Revision 2.

These engines are known to be installed on, but not limited to, Diamond Aircraft Industries DA 40 NG, DA 42 NG, DA 42 M-NG and DA 62 aircraft.

Effective Date: 1 September 2023

EASA AD 2024-0037R1 Engine Main Bearing / Studs – Replacement

Applicability: E4 and E4P engines, all S/N.

These engines are known to be installed on, but not limited to, Diamond Aircraft Industries DA 40 NG, DA 42 NG, DA 42 M-NG and DA 62 aircraft.

Effective Date: EASA AD 2024-0037 - 6 February 2024
EASA AD 2024-0037R1 - 6 February 2024

*** EASA AD 2024-0172-E Pistons – Inspection / Replacement**

Applicability: E4 and E4P engines, all S/N.

These engines are known to be installed on, but not limited to, Diamond Aircraft Industries DA 40 NG, DA 42 NG, DA 42 M-NG and DA 62 aircraft.

Effective Date: 30 August 2024