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I. General

1. Type/Variants

V 210

2. Type Certificate Holder

Avia Propeller Ltd.
Beranových 65/666
199 00 Praha 9 – Letňany
Czech Republic

Design Organisation Approval No.: EASA.21J.072

3. Manufacturer

Avia Propeller Ltd.
Beranových 65/666
199 00 Praha 9 – Letňany
Czech Republic

4. Date of Application

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| V 210 |
| 27.8.1970 |

5. Reference Date for determination of the applicable requirements

27 August 1970.

6. Certification Date

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| V 210 |
| 7.9.1970 |

Type certification of the V 210 series propeller model has been covered previously by Czech Republic Type Certificate No.70-03.

II. Certification Basis

1. Airworthiness Standards

British Civil Airworthiness Requirements (BCAR), Section C, Issue 6, dated 15 June, 1966.

Note:

Application was made to CAA - Czech Republic (former Czechoslovakia) before EASA was established. The applicable airworthiness standards were established in accordance with the rule in Czech Republic (former Czechoslovakia) at the time of application.

III. Technical Characteristics

1. Type Design Definition

The V 210 propeller model covers the following design configuration. Design configuration is defined by a main assembly drawing and an appropriate parts list.

V 210

Design Configuration "Fixed-Pitch"

Drawing No. 054-0000 dated June 15, 1968 (*1)

Parts List No. R-054-0000 dated September 15, 1969 (*1)

(*1) effective is the declared issue or a later approved revision.

2. Description

2-blade fixed-pitch propeller constructed of wood composite structure. Leading edge of the propeller blades is protected against damage.

3. Equipment

None

4. Dimensions

Propeller diameter: max.110 cm

5. Weight

Propeller weight: approx. 3,2 kg

6. Hub/Blade-Combinations

N/A, single piece propeller

7. Control System

N/A

8. Adaptation to Engine

Flange, six bolts, bolt spacing diameter 74 mm

9. Direction of Rotation

Left-hand tractor (viewed in flight direction).

IV. Operational Limits

1. Propeller Speed:

max. 4100 min⁻¹

2. Max.Take-Off Power:

33 kW

3. Max.Continuous Power:

33 kW

4. Propeller Pitch Angle:

11° measured at reference station

V. Operating and Service Instructions

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|-----------------------------------|--|
| Operation and Installation Manual | P/N E-1656 Date of Latest Issue/Revision Issue 1, July 2, 2009 (*) |
| Overhaul Manual | P/N E-1657 Date of Latest Issue/Revision Issue 1, July 2, 2009 (*) |
| Service Bulletins | as noted in the current List of Service Bulletins |

(*) effective is the declared issue or a later approved revision

VI. Notes

1. The suitability of the propeller for a given aircraft/engine-combination must be demonstrated within the scope of the type certification of the aircraft.
2. The overhaul intervals recommended by the manufacturer are listed in Avia Propeller Service Bulletin No. 1.
3. EASA Type Certificate and Type Certificate Data Sheet No.P.022 replace CAA - Czech Republic Type Certificate and Type Certificate Data Sheet No.70-03.
