



Supplemental Type Certificate

Number: SVR 509 Revision 1

This certificate, issued to: AKV, Inc
777 Aviation Dr
Camarillo, Ca 93010
United States of America

Certifies that the change in the type design for the following product with the limitations and conditions as specified herein meets the airworthiness requirements of 14 CFR Part 29. Refer Continuation sheet for applicable amendment level.

Original Product: Type or Type Acceptance Certificate Number: VR503
Referenced TC Number (if applicable):
Make: Kawasaki-BK117
Model: A-4, B-1, B-2

Description of Type Design Change: Installation of AKV, Inc. Dual Engine Cycle Counter (kit P/N BK1172XCC) in Kawasaki BK117 A-4, B-1 and B-2 models in accordance with CASA Approved AKV, Inc. Master Drawing List (MDL), No. 771-9048 Rev E dated September 30, 2022, or later CASA approved revisions.

Limitations and Conditions: This approval should not be extended to aircraft of this model on which previously approved modifications are incorporated unless it is determined by the installer that the interrelationship between this change and any of those previously approved modifications will produce no adverse effect upon the airworthiness of that aircraft.

If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.

This certificate and the supporting data which is the basis for approval shall remain in effect until suspended, cancelled or a termination date is otherwise established by the Civil Aviation Safety Authority.

Date of Application: 20 September 2009 **Date of Re-issue:** 18 February 2011
Date of Issuance: 16 December 2009 **Date of Amendment:** 28 March 2023

This certificate issued pursuant to Part 21.120B of the Civil Aviation Safety Regulations 1998.



Klaus Schwerdtfeger
Delegate of the Authority

This certificate may be transferred in accordance with CASR (1998) 21.120
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safe skies for all

Supplemental Type Certificate

(Continuation Sheet)

Number: SVR509 Revision 1

Date of issuance: 28 March 2023

1. Applicability

1.1 This data sheet is applicable to Kawasaki Heavy Industries, Ltd BK117A-4, B-1 and B-2 aircraft installed with AKV, Inc. Dual Engine Cycle Counter (kit P/N BK1172XCC) in accordance with CASA Approved AKV, Inc. Master Drawing List (MDL), No. 771-9048 Rev E dated September 30, 2022, or later CASA approved revisions.

1.2 This data sheet is part of Supplemental Type Certificate Number SVR509 and shall be read in conjunction with CASA Type Certificate Data Sheet No. VR503. There is no change in data or limitations as specified in CASA Type Certificate Data Sheet No. VR503.

2. Certificate Holder

The holder of Supplemental Type Certificate Number SVR509 is:

AKV, Inc
777 Aviation Dr
Camarillo, Ca 93010
United States of America

3. Serial Numbers Eligible for Modification

Kawasaki Heavy Industries, Ltd BK117 A-4, B-1 and B-2, all serial numbers.

4. Certification Basis

Original STC SVR509 dated 16 December 2009: 14 CFR Part 29, including Amendments 29-1 through 29-16. Master Drawing List (MDL), No. 771-9048 Rev D dated September 28, 2009 is applicable.

STC SVR509 Revision 1, dated 28 March 2023: 14 CFR Part 29, including Amendments 29-1 through 29-16, except for the following clauses: 29.1301 (a)(b)(c)(d) Amdt 29-0; 29.1309(a)(b)(c)(d) Amdt 29-53; 29.1353(a) Amdt 29-15; 29.1529 Amdt 29-20; 29.1581 Amdt 29-15 and 29.1585 Amdt 29-24. Master Drawing List (MDL), No. 771-9048 Rev E dated September 30, 2022 is applicable.

5. Documents

Approved data:

- AKV, Inc. Master Drawing List (MDL), No. 771-9048 Rev E dated September 30, 2022, or later CASA approved revisions.
- AKV, Inc. Kawasaki-BK117 Rotorcraft Flight Manual Supplement, RFMS 080-0401 Rev C, dated 28 March, 2023 or later CASA approved revisions.
- AKV, Inc. Maintenance Support Document, AMMS 050-0443 Rev D, dated February 21, 2023 or later CASA approved revisions.

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