

# FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

ABI, LLC.  
81 East Commercial Drive  
Palmer, AK 99645

PMA No. PQ4204CE  
Supplement No. 10  
Dated: October 14, 2021

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Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make Eligibility:	Model Eligibility:
Shimmy Dampener 3400 Bent Assembly	KEG-111	Modification Part	Identity per 14 CFR, § 21.303, licensing agreement between ABI, LLC and Keller Engineering Group. <u>File No.:</u> ABI001 <u>Dated:</u> 9/20/2021 <u>STC:</u> SA02533AK <u>Dwg No.:</u> KEG-111 <u>Rev:</u> IR <u>Date:</u> 9/17/2020 or later FAA-approved revisions	Textron Aviation, Inc.	180, 180A, 180B, 180C, 180D, 180E, 180F, 180G, 180H, 180J, 180K, 182, 182A, 182B, 182C, 182D, 182E, 182F, 182G, 182H, 182J, 182S, 182T, 182K, 182L, 182M, 182N, 182P, 182Q, 182R, T182, T182T, 185, 185A, 185B, 185C, 185D, 185E, A185E, A185F, 188, 188A, 188B. A188, A188B, T188C
Shimmy Dampener 3400 Bent Assembly	KEG-111	Modification Part	Identity per 14 CFR, § 21.303, licensing agreement between ABI, LLC and Keller Engineering Group. <u>File No.:</u> ABI001 <u>Dated:</u> 9/20/2021 <u>STC:</u> SA02533AK <u>Dwg No.:</u> KEG-111 <u>Rev:</u> IR <u>Date:</u> 9/17/2020 or later FAA-approved revisions	Pacific Aerospace Ltd	FBA-2C, FBA-2C1, FBA-2C2, FBA-2C4, FBA-2C4T
Shimmy Dampener 3400 Straight Assembly	KEG-112	Modification Part	Identity per 14 CFR, § 21.303, licensing agreement between ABI, LLC and Keller Engineering Group. <u>File No.:</u> ABI001 <u>Dated:</u> 9/20/2021 <u>STC:</u> SA02533AK <u>Dwg No.:</u> KEG-112 <u>Rev:</u> IR <u>Date:</u> 9/20/2020 or later FAA-approved revisions	Textron Aviation, Inc.	180, 180A, 180B, 180C, 180D, 180E, 180F, 180G, 180H, 180J, 180K, 182, 182A, 182B, 182C, 182D, 182E, 182F, 182G, 182H, 182J, 182S, 182T, 182K, 182L, 182M, 182N, 182P, 182Q, 182R, T182, T182T, 185, 185A, 185B, 185C, 185D, 185E, A185E, A185F, 188, 188A, 188B. A188, A188B, T188C
Shimmy Dampener 3400 Straight Assembly	KEG-112	Modification Part	Identity per 14 CFR, § 21.303, licensing agreement between ABI, LLC and Keller Engineering Group. <u>File No.:</u> ABI001 <u>Dated:</u> 9/20/2021 <u>STC:</u> SA02533AK <u>Dwg No.:</u> KEG-112 <u>Rev:</u> IR <u>Date:</u> 9/20/2020 or later FAA-approved revisions	Pacific Aerospace Ltd	FBA-2C, FBA-2C1, FBA-2C2, FBA-2C4, FBA-2C4T

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Shimmy Dampener 3450 Straight Assembly	KEG-113	Modification Part	Identity per 14 CFR, § 21.303, licensing agreement between ABI, LLC and Keller Engineering Group <u>File No.:</u> ABI001 <u>Dated:</u> 9/20/2021 <u>STC:</u> SA02533AK <u>Dwg No.:</u> KEG-113 <u>Rev:</u> IR <u>Date:</u> 9/21/2020 or later FAA-approved revisions	Textron Aviation, Inc.	180, 180A, 180B, 180C, 180D, 180E, 180F, 180G, 180H, 180J, 180K, 182, 182A, 182B, 182C, 182D, 182E, 182F, 182G, 182H, 182J, 182S, 182T, 182K, 182L, 182M, 182N, 182P, 182Q, 182R, T182, T182T, 185, 185A, 185B, 185C, 185D, 185E, A185E, A185F, 188, 188A, 188B. A188, A188B, T188C
Shimmy Dampener 3450 Straight Assembly	KEG-113	Modification Part	Identity per 14 CFR, § 21.303, licensing agreement between ABI, LLC and Keller Engineering Group <u>File No.:</u> ABI001 <u>Dated:</u> 9/20/2021 <u>STC:</u> SA02533AK <u>Dwg No.:</u> KEG-113 <u>Rev:</u> IR <u>Date:</u> 9/21/2020 or later FAA-approved revisions	Pacific Aerospace Ltd	FBA-2C, FBA-2C1, FBA-2C2, FBA-2C4, FBA-2C4T
Shimmy Dampener 3200 Straight Assembly	KEG-116	Modification Part	Identity per 14 CFR, § 21.303, licensing agreement between ABI, LLC and Keller Engineering Group. <u>File No.:</u> ABI001 <u>Dated:</u> 9/20/2021 <u>STC:</u> SA02533AK <u>Dwg No.:</u> KEG-116 <u>Rev:</u> IR <u>Date:</u> 12/20/2020 or later FAA-approved revisions	American Champion	7AC, 7ACA, S7AC, (L-16A) 7BCM, (L-16B) 7CCM, S7CCM, 7DC, S7DC, 7EC, S7EC, 7ECA, 7FC, 7GC, 7GCA, 7GCAA, 7GCB, 7GCBA, 7GCBC, 7HC, 7JC, 7KC, 7KCAB, 8KCAB, 8GCBC, 11AV, S11AC, 11BC, S11BC, 11CC, S11CC
Shimmy Dampener 3200 Straight Assembly	KEG-116	Modification Part	Identity per 14 CFR, § 21.303, licensing agreement between ABI, LLC and Keller Engineering Group. <u>File No.:</u> ABI001 <u>Dated:</u> 9/20/2021 <u>STC:</u> SA02533AK <u>Dwg No.:</u> KEG-116 <u>Rev:</u> IR <u>Date:</u> 12/20/2020 or later FAA-approved revisions	AeroSedan, LLC	15AC, S15AC

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Shimmy Dampener 3200 Straight Assembly	KEG-116	Modification Part	<p>Identity per 14 CFR, § 21.303, licensing agreement between ABI, LLC and Keller Engineering Group.  <u>File No.:</u> ABI001  Dated: 9/20/2021  <u>STC:</u> SA02533AK  <u>Dwg No.:</u> KEG-116  <u>Rev:</u> IR  <u>Date:</u> 12/20/2020 or later  FAA-approved revisions</p>	Topcub Aircraft, Inc.	CC18-180, CC18-180A
Shimmy Dampener 3200 Straight Assembly	KEG-116	Modification Part	<p>Identity per 14 CFR, § 21.303, licensing agreement between ABI, LLC and Keller Engineering Group.  <u>File No.:</u> ABI001  Dated: 9/20/2021  <u>STC:</u> SA02533AK  <u>Dwg No.:</u> KEG-116  <u>Rev:</u> IR  <u>Date:</u> 12/20/2020 or later  FAA-approved revisions</p>	Cub Crafters	CC21-180, CC19-180, CC19-215
Shimmy Dampener 3200 Straight Assembly	KEG-116	Modification Part	<p>Identity per 14 CFR, § 21.303, licensing agreement between ABI, LLC and Keller Engineering Group.  <u>File No.:</u> ABI001  Dated: 9/20/2021  <u>STC:</u> SA02533AK  <u>Dwg No.:</u> KEG-116  <u>Rev:</u> IR  <u>Date:</u> 12/20/2020 or later  FAA-approved revisions</p>	FS2000 Corp.	L-14

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Shimmy Dampener 3200 Straight Assembly	KEG-116	Modification Part	<p>Identicality per 14 CFR, § 21.303, licensing agreement between ABI, LLC and Keller Engineering Group.</p> <p><u>File No.:</u> ABI001</p> <p><u>Dated:</u> 9/20/2021</p> <p><u>STC:</u> SA02533AK</p> <p><u>Dwg No.:</u> KEG-116</p> <p><u>Rev:</u> IR</p> <p><u>Date:</u> 12/20/2020 or later</p> <p>FAA-approved revisions</p>	FS2002 Corp.	PA-14
Shimmy Dampener 3200 Straight Assembly	KEG-116	Modification Part	<p>Identicality per 14 CFR, § 21.303, licensing agreement between ABI, LLC and Keller Engineering Group.</p> <p><u>File No.:</u> ABI001</p> <p><u>Dated:</u> 9/20/2021</p> <p><u>STC:</u> SA02533AK</p> <p><u>Dwg No.:</u> KEG-116</p> <p><u>Rev:</u> IR</p> <p><u>Date:</u> 12/20/2020 or later</p> <p>FAA-approved revisions</p>	FS2003 Corp.	PA-12, PA-12S
Shimmy Dampener 3200 Straight Assembly	KEG-116	Modification Part	<p>Identicality per 14 CFR, § 21.303, licensing agreement between ABI, LLC and Keller Engineering Group.</p> <p><u>File No.:</u> ABI001</p> <p><u>Dated:</u> 9/20/2021</p> <p><u>STC:</u> SA02533AK</p> <p><u>Dwg No.:</u> KEG-116</p> <p><u>Rev:</u> IR</p> <p><u>Date:</u> 12/20/2020 or later</p> <p>FAA-approved revisions</p>	STOL Aviation	S-1B1 (Army L-6, WL-6666), S-1B2

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Shimmy Dampener 3200 Straight Assembly	KEG-116	Modification Part	<p>Identity per 14 CFR, § 21.303, licensing agreement between ABI, LLC and Keller Engineering Group.</p> <p><u>File No.:</u> ABI001</p> <p><u>Dated:</u> 9/20/2021</p> <p><u>STC:</u> SA02533AK</p> <p><u>Dwg No.:</u> KEG-116</p> <p><u>Rev:</u> IR</p> <p><u>Date:</u> 12/20/2020 or later</p> <p>FAA-approved revisions</p>	Maule	<p>Bee Dee M-4, M-4, M-4C, M-4S, M-4T, M-4-180C, M-4-180S, M-4-180T, M-4-210, M-4-210C, M-4-210S, M-4-210T, M-4-220, M-4-220C, M-4-220S, M-4-220T, M-5-180C, M-5-200, M-5-210C, M-5-210TC, M-5-220C, M-5-253C, M-6-180, M-6-235, M-7-235, MX-7-235, MX-7-180, MX-7-420, M-8-235, MX-7-160, MX-7-180A, MX-7-180B, M-7-235B, M-7-235A, M-7-235C, MX-7-180C, M-7-260, M-7-260C, M-7-420AC, MX-7-160C, MX-7 180AC, M-7-420A</p>

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Shimmy Dampener 3200 Straight Assembly	KEG-116	Modification Part	<p>Identicality per 14 CFR, § 21.303, licensing agreement between ABI, LLC and Keller Engineering Group.</p> <p><u>File No.:</u> ABI001</p> <p><u>Dated:</u> 9/20/2021</p> <p><u>STC:</u> SA02533AK</p> <p><u>Dwg No.:</u> KEG-116</p> <p><u>Rev:</u> IR</p> <p><u>Date:</u> 12/20/2020 or later</p> <p>FAA-approved revisions</p>	Aviat Aircraft, Inc.	<p>S-1S, S-1T, S-2, S-2A, S-2S, S-2BS-2C, A-1, A-1A, A-1B, A-1C-180, A-1C-200</p>
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Shimmy Dampener 3200 Straight Assembly	KEG-116	Modification Part	<p>Identity per 14 CFR, § 21.303, licensing agreement between ABI, LLC and Keller Engineering Group.  <u>File No.:</u> ABI001  Dated: 9/20/2021  <u>STC:</u> SA02533AK  <u>Dwg No.:</u> KEG-116  <u>Rev:</u> IR  <u>Date:</u> 12/20/2020 or later  FAA-approved revisions</p>	Univair Aircraft Corporation (Stinson)	108, 108-1, 108-2, 108-3, 108-5
Shimmy Dampener 3200 Bent Assembly	KEG-117	Modification Part	<p>Identity per 14 CFR, § 21.303, licensing agreement between ABI, LLC and Keller Engineering Group.  <u>File No.:</u> ABI001  Dated: 9/20/21  <u>STC:</u> SA02533AK  <u>Dwg No.:</u> KEG-117  <u>Rev:</u> IR  <u>Date:</u> 12/20/2020 or later  FAA-approved revisions</p>	American Champion	7AC, 7ACA, S7AC, (L-16A) 7BCM, (L-16B) 7CCM, S7CCM, 7DC, S7DC, 7EC, S7EC, 7ECA, 7FC, 7GC, 7GCA, 7GCAA, 7GCB, 7GCBA, 7GCBC, 7HC, 7JC, 7KC, 7KCAB, 8KCAB, 8GCBC, 11AV, S11AC, 11BC, S11BC, 11CC, S11CC
Shimmy Dampener 3200 Bent Assembly	KEG-117	Modification Part	<p>Identity per 14 CFR, § 21.303, licensing agreement between ABI, LLC and Keller Engineering Group.  <u>File No.:</u> ABI001  Dated: 9/20/21  <u>STC:</u> SA02533AK  <u>Dwg No.:</u> KEG-117  <u>Rev:</u> IR  <u>Date:</u> 12/20/2020 or later  FAA-approved revisions</p>	AeroSedan, LLC	15AC, S15AC

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Shimmy Dampener 3200 Bent Assembly	KEG-117	Modification Part	<p>Identicality per 14 CFR, § 21.303, licensing agreement between ABI, LLC and Keller Engineering Group.</p> <p><u>File No.:</u> ABI001</p> <p><u>Dated:</u> 9/20/21</p> <p><u>STC:</u> SA02533AK</p> <p><u>Dwg No.:</u> KEG-117</p> <p><u>Rev:</u> IR</p> <p><u>Date:</u> 12/20/2020 or later</p> <p>FAA-approved revisions</p>	Piper Aircraft Inc.	<p>J3C-40, J3C-50, J3C-50S, J3C-65, J3C-65S, PA-11, PA-11S, J3F-50, J3F-50S, J3F-60, J3F-60S, (Army L-4D) J3F-65, J3F-65S, J4, J4A, J4A-S, J4E (Army L-4E), PA-15, PA-16, PA-16S, PA-17, PA-18, PA-18S, PA-18 "105" (Special), PA-18S "105" (Special), PA-18A, PA-18 "125" (Army L-21A), PA-18S "125", PA-18AS "125", PA-18 "135" (Army L-21B), PA-18A "135", PA-18S "135", PA-18AS "135", PA-18 "150", PA-18A "150", PA-18S "150", PA-18AS "150", PA-19 (Army L-18C), PA-19S, PA-18A (Restricted), PA-18A "135" (Restricted), PA-18A "150" (Restricted), PA-20, PA-20S, PA-20 "115", PA-20S "115", PA-20 "135", PA-20S "135", PA-22, PA-22-108, PA-22-135, PA-22S-135, PA-22-150, PA-22S-150, PA-22-160, PA-22S-160</p>
Shimmy Dampener 3200 Bent Assembly	KEG-117	Modification Part	<p>Identicality per 14 CFR, § 21.303, licensing agreement between ABI, LLC and Keller Engineering Group.</p> <p><u>File No.:</u> ABI001</p> <p><u>Dated:</u> 9/20/21</p> <p><u>STC:</u> SA02533AK</p> <p><u>Dwg No.:</u> KEG-117</p> <p><u>Rev:</u> IR</p> <p><u>Date:</u> 12/20/2020 or later</p> <p>FAA-approved revisions</p>	Aviat Aircraft, Inc.	<p>S-1S, S-1T, S-2, S-2A, S-2S, S-2BS-2C, A-1, A-1A, A-1B, A-1C-180, A-1C-200</p>
Shimmy Dampener 3200 Bent Assembly	KEG-117	Modification Part	<p>Identicality per 14 CFR, § 21.303, licensing agreement between ABI, LLC and Keller Engineering Group.</p> <p><u>File No.:</u> ABI001</p> <p><u>Dated:</u> 9/20/21</p> <p><u>STC:</u> SA02533AK</p> <p><u>Dwg No.:</u> KEG-117</p> <p><u>Rev:</u> IR</p> <p><u>Date:</u> 12/20/2020 or later</p> <p>FAA-approved revisions</p>	Taylorcraft Inc.	<p>(Army L-2G) BF, BFS, BF-60, BFS-60, BF-65, BFS-65, (Army L-2K) BF12-65, BFS12-65, BL, BLS, (Army L-2F) BL-65, BLS-65, (Army L-2J) BL12-65, BLS12-65</p>

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Shimmy Dampener 3200 Bent Assembly	KEG-117	Modification Part	<p>Identity per 14 CFR, § 21.303, licensing agreement between ABI, LLC and Keller Engineering Group.</p> <p><u>File No.:</u> ABI001</p> <p><u>Dated:</u> 9/20/21</p> <p><u>STC:</u> SA02533AK</p> <p><u>Dwg No.:</u> KEG-117</p> <p><u>Rev:</u> IR</p> <p><u>Date:</u> 12/20/2020 or later</p> <p>FAA-approved revisions</p>	Univair Aircraft Corporation (Stinson)	108, 108-1, 108-2, 108-3, 108-5
Shimmy Dampener 3200 Bent Assembly	KEG-118	Modification Part	<p>Identity per 14 CFR, § 21.303, licensing agreement between ABI, LLC and Keller Engineering Group.</p> <p><u>File No.:</u> ABI001</p> <p><u>Dated:</u> 9/20/21</p> <p><u>STC:</u> SA02533AK</p> <p><u>Dwg No.:</u> KEG-118</p> <p><u>Rev:</u> IR</p> <p><u>Date:</u> 12/20/2020 or later</p> <p>FAA-approved revisions</p>	American Champion	7AC, 7ACA, S7AC, (L-16A) 7BCM, (L-16B) 7CCM, S7CCM, 7DC, S7DC, 7EC, S7EC, 7ECA, 7FC, 7GC, 7GCA, 7GCAA, 7GCB, 7GCBA, 7GCBC, 7HC, 7JC, 7KC, 7KCAB, 8KCAB, 8GCBC, 11AV, S11AC, 11BC, S11BC, 11CC, S11CC
Shimmy Dampener 3200 Bent Assembly	KEG-118	Modification Part	<p>Identity per 14 CFR, § 21.303, licensing agreement between ABI, LLC and Keller Engineering Group.</p> <p><u>File No.:</u> ABI001</p> <p><u>Dated:</u> 9/20/21</p> <p><u>STC:</u> SA02533AK</p> <p><u>Dwg No.:</u> KEG-118</p> <p><u>Rev:</u> IR</p> <p><u>Date:</u> 12/20/2020 or later</p> <p>FAA-approved revisions</p>	AeroSedan, LLC	15AC, S15AC

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Shimmy Dampener 3200 Bent Assembly	KEG-118	Modification Part	Identity per 14 CFR, § 21.303, licensing agreement between ABI, LLC and Keller Engineering Group. File No.: ABI001 Dated: 9/20/21 STC: SA02533AK Dwg No.: KEG-118 Rev: IR Date: 12/20/2020 or later FAA-approved revisions	Topcub Aircraft, Inc.	CC18-180, CC18-180A
Shimmy Dampener 3200 Bent Assembly	KEG-118	Modification Part	Identity per 14 CFR, § 21.303, licensing agreement between ABI, LLC and Keller Engineering Group. File No.: ABI001 Dated: 9/20/21 STC: SA02533AK Dwg No.: KEG-118 Rev: IR Date: 12/20/2020 or later FAA-approved revisions	Cub Crafters	CC21-180, CC19-180, CC19-215
Shimmy Dampener 3200 Bent Assembly	KEG-118	Modification Part	Identity per 14 CFR, § 21.303, licensing agreement between ABI, LLC and Keller Engineering Group. File No.: ABI001 Dated: 9/20/21 STC: SA02533AK Dwg No.: KEG-118 Rev: IR Date: 12/20/2020 or later FAA-approved revisions	FS2000 Corp.	L-14

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Shimmy Dampener 3200 Bent Assembly	KEG-118	Modification Part	Identity per 14 CFR, § 21.303, licensing agreement between ABI, LLC and Keller Engineering Group. File No.: ABI001 Dated: 9/20/21 STC: SA02533AK Dwg No.: KEG-118 Rev: IR Date: 12/20/2020 or later FAA-approved revisions	FS2002 Corp.	PA-14
Shimmy Dampener 3200 Bent Assembly	KEG-118	Modification Part	Identity per 14 CFR, § 21.303, licensing agreement between ABI, LLC and Keller Engineering Group. File No.: ABI001 Dated: 9/20/21 STC: SA02533AK Dwg No.: KEG-118 Rev: IR Date: 12/20/2020 or later FAA-approved revisions	FS2003 Corp.	PA-12, PA-12S
Shimmy Dampener 3200 Bent Assembly	KEG-118	Modification Part	Identity per 14 CFR, § 21.303, licensing agreement between ABI, LLC and Keller Engineering Group. File No.: ABI001 Dated: 9/20/21 STC: SA02533AK Dwg No.: KEG-118 Rev: IR Date: 12/20/2020 or later FAA-approved revisions	STOL Aviation	S-1B1 (Army L-6, WL-6666), S-1B2

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Shimmy Dampener 3200 Bent Assembly	KEG-118	Modification Part	Identity per 14 CFR, § 21.303, licensing agreement between ABI, LLC and Keller Engineering Group. File No.: ABI001 Dated: 9/20/21 STC: SA02533AK Dwg No.: KEG-118 Rev: IR Date: 12/20/2020 or later FAA-approved revisions	Maule	Bee Dee M-4, M-4, M-4C, M-4S, M-4T, M-4-180C, M-4-180S, M-4-180T, M-4-210, M-4-210C, M-4-210S, M-4-210T, M-4-220, M-4-220C, M-4-220S, M-4-220T, M-5-180C, M-5-200, M-5-210C, M-5-210TC, M-5-220C, M-5-253C, M-6-180, M-6-235, M-7-235, MX-7-235, MX-7-180, MX-7-420, M-8-235, MX-7-160, MX-7-180A, MX-7-180B, M-7-235B, M-7-235A, M-7-235C, MX-7-180C, M-7-260, M-7-260C, M-7-420AC, MX-7-160C, MX-7 180AC, M-7-420A

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Shimmy Dampener 3200 Bent Assembly	KEG-118	Modification Part	Identity per 14 CFR, § 21.303, licensing agreement between ABI, LLC and Keller Engineering Group. File No.: ABI001 Dated: 9/20/21 STC: SA02533AK Dwg No.: KEG-118 Rev: IR Date: 12/20/2020 or later FAA-approved revisions	Aviat Aircraft, Inc.	S-1S, S-1T, S-2, S-2A, S-2S, S-2BS-2C, A-1, A-1A, A-1B, A-1C-180, A-1C-200
Shimmy Dampener 3200 Bent Assembly	KEG-118	Modification Part	Identity per 14 CFR, § 21.303, licensing agreement between ABI, LLC and Keller Engineering Group. File No.: ABI001 Dated: 9/20/21 STC: SA02533AK Dwg No.: KEG-118 Rev: IR Date: 12/20/2020 or later FAA-approved revisions	Taylorcraft Inc.	(Army L-2G) BF, BFS, BF-60, BFS-60, BF-65, BFS-65, (Army L-2K) BF12-65, BFS12-65, BL, BLS, (Army L-2F) BL-65, BLS-65, (Army L-2J) BL12-65, BLS12-65



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Shimmy Dampener 3200 Bent Assembly	KEG-118	Modification Part	Identity per 14 CFR, § 21.303, licensing agreement between ABI, LLC and Keller Engineering Group. File No.: ABI001 Dated: 9/20/21 STC: SA02533AK Dwg No.: KEG-118 Rev: IR Date: 12/20/2020 or later FAA-approved revisions	Univair Aircraft Corporation (Stinson)	108, 108-1, 108-2, 108-3, 108-5

-----**END OF LISTING**-----

NOTE: The procedures that have been accepted by the type certificate or TSO authorization holder and their cognizant FAA Aircraft Certification Office, for minor changes to original articles used on type-certificated products, are also acceptable for incorporating the same minor changes on identical PMA replacement articles. The PMA holder must be able to show traceability relating to the TC, STC, or TSO authorization holder on all minor changes incorporated by this procedure. When these procedures are no longer applicable because of completion of the production contract, or termination of the licensing agreement or business relationship, all subsequent minor design changes to the PMA articles must be submitted in a manner as determined by the ACO. Major design changes (reference 14 CFR §§ 21.319 and 21.619) to drawings and specifications are to be handled in the same manner as that for an original PMA.

for \_\_\_\_\_  
**Timothy L. Bonderer**  
**Aviation Safety**  
**Manager, MSP/CHI MIDO Section, AIR-884**