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## Service Bulletin

**Service Bulletin No. / Date:** TM TAE 000-0007, Revision 45 / December 11, 2020

**Subject:** Variants and Software Versions

**Type affected:** TAE 125-01, TAE 125-02-99, TAE 125-02-114, TAE 125-02-114P, TAE 125-02-125, Centurion 4.0 BE

**Models affected:** all

**Compliance:** Category 5 – for information only

**Accomplishment:** none

**Reason:** Publication of the different Variants and the current Software Versions

**Correction:**

### Engine Variants

TAE 125-01				
Installation Variant Part Number	Engine Variant	Power Rating		
		Take-Off	Max. Cont. Power	Best Economy
Cessna 172 – 14V 125-01-(006)-(R5) P/N: 02-7200-14006R5	TAE 125-01	99 kW	99 kW	71 kW
Cessna 172 – 28V 125-01-(008)-(R5) P/N: 02-7200-14008R5				
Piper PA28 – 14V 125-01-(009)-(R5) P/N: 02-7200-14009R5				
Piper PA28 – 28V 125-01-(010)-(R5) P/N: 02-7200-14010R5				
APEX DR400 125-01-(011)-(R5) P/N: 02-7200-14011R5				
Diamond DA40 125-01-(005)-(R5) P/N: 02-7200-14005R5				
Diamond DA42 125-01-(017)-(R1) P/N: 02-7200-14017R1				

Table 1



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TAE 125-02-99 (CD-135)				
Installation Variant Part Number	Engine Variant – Power Rating	Power Rating		
		Take-Off	Max. Cont. Power	Best Economy
<b>Cessna 172 – 14V</b> <b>TAE 125-02-99-(0007)-(01)</b> <b>P/N: 05-7200-K000701</b> consists of Engine P/N 05-7200-M000701, FADEC P/N 05-7611-K000102 and approved Firmware and Mapping in accordance with Table 11-17 of this SB	TAE 125-02-99	99 kW	99 kW	71 kW
<b>Cessna 172 – 14V</b> <b>TAE 125-02-99-(0007)-(02)</b> <b>P/N: 05-7200-K000702</b> consists of Engine P/N 05-7200-M000702, FADEC P/N 05-7611-K000102 and approved Firmware and Mapping in accordance with Table 11-17 of this SB				
<b>Cessna 172 – 28V</b> <b>TAE 125-02-99-(0002)-(01)</b> <b>P/N: 05-7200-K000201</b> consists of Engine P/N 05-7200-M000201, FADEC P/N 05-7611-K000102 and approved Firmware and Mapping in accordance with Table 11-17 of this SB				
<b>Cessna 172 – 28V</b> <b>TAE 125-02-99-(0002)-(02)</b> <b>P/N: 05-7200-K000202</b> consists of Engine P/N 05-7200-M000202, FADEC P/N 05-7611-K000102 and approved Firmware and Mapping in accordance with Table 11-17 of this SB				

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TAE 125-02-99 (CD-135) – continuation)				
Installation Variant Part Number	Engine Variant – Power Rating	Power Rating		
		Take-Off	Max. Cont. Power	Best Economy
<b>Piper PA28 – 14V</b> <b>TAE 125-02-99-(0009)-(01)</b> <b>P/N: 05-7200-K000901</b> consists of Engine P/N 05-7200-M000901, FADEC P/N 05-7611-K000102 and approved Firmware and Mapping in accordance with Table 11-17 of this SB	TAE 125-02-99	99 kW	99 kW	71 kW
<b>Piper PA28 – 14V</b> <b>TAE 125-02-99-(0009)-(02)</b> <b>P/N: 05-7200-K000902</b> consists of Engine P/N 05-7200-M000902, FADEC P/N 05-7611-K000102 and approved Firmware and Mapping in accordance with Table 11-17 of this SB				
<b>Piper PA28 – 28V</b> <b>TAE 125-02-99-(0011)-(01)</b> <b>P/N: 05-7200-K001101</b> consists of Engine P/N 05-7200-M001101, FADEC P/N 05-7611-K000102 and approved Firmware and Mapping in accordance with Table 11-17 of this SB				
<b>Piper PA28 – 28V</b> <b>TAE 125-02-99-(0011)-(02)</b> <b>P/N: 05-7200-K001102</b> consists of Engine P/N 05-7200-M001102, FADEC P/N 05-7611-K000102 and approved Firmware and Mapping in accordance with Table 11-17 of this SB				

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Installation Variant Part Number	Engine Variant – Power Rating	Power Rating		
		Take-Off	Max. Cont. Power	Best Economy
<b>APEX DR400</b> <b>TAE 125-02-99-(0013)-(01)</b> <b>P/N: 05-7200-K001301</b> consists of Engine P/N 05-7200-M001301, FADEC P/N 05-7611-K000102 and approved Firmware and Mapping in accordance with Table 11-17 of this SB	TAE 125-02-99	99 kW	99 kW	71 kW
<b>APEX DR400</b> <b>TAE 125-02-99-(0013)-(02)</b> <b>P/N: 05-7200-K001302</b> consists of Engine P/N 05-7200-M001302, FADEC P/N 05-7611-K000102 and approved Firmware and Mapping in accordance with Table 11-17 of this SB				
<b>Diamond DA40</b> <b>TAE 125-02-99-(0001)-(01)</b> <b>P/N: 05-7200-K000101</b> consists of Engine P/N 05-7200-M000101, FADEC P/N 05-7610-E000102 and approved Firmware and Mapping in accordance with Table 11-17 of this SB				
<b>Diamond DA40</b> <b>TAE 125-02-99-(0001)-(02)</b> <b>P/N: 05-7200-K000102</b> consists of Engine P/N 05-7200-M000102, FADEC P/N 05-7610-E000102 and approved Firmware and Mapping in accordance with Table 11-17 of this SB				

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TAE 125-02-99 (CD-135) – continuation				
Installation Variant Part Number	Engine Variant – Power Rating	Power Rating		
		Take-Off	Max. Cont. Power	Best Economy
<b>Diamond DA42</b> <b>TAE 125-02-99-(0003)-(01)</b> <b>P/N: 05-7200-K000301</b> consists of Engine P/N 05-7200-M000301, FADEC P/N 05-7610-E000201 and approved Firmware and Mapping in accordance with Table 11-17 of this SB	TAE 125-02-99	99 kW	99 kW	71 kW
<b>Diamond DA42</b> <b>TAE 125-02-99-(0003)-(02)</b> <b>P/N: 05-7200-K000302</b> consists of Engine P/N 05-7200-M000302, FADEC P/N 05-7610-E000201 and approved Firmware and Mapping in accordance with Table 11-17 of this SB				

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TAE 125-02-114 (CD-155)				
Installation Variant Part Number	Engine Variant – Power Rating	Power Rating		
		Take-Off	Max. Cont. Power	Best Economy
Cessna 172 – 14V TAE 125-02-114-(0008)-(01) P/N: 05-7200-K000801	TAE 125-02-114	114 kW	114 kW	97 kW
Cessna 172 – 14V TAE 125-02-114-(0008)-(02) P/N: 05-7200-K000802				
Cessna 172 – 28V TAE 125-02-114-(0005)-(01) P/N: 05-7200-K000501				
Cessna 172 – 28V TAE 125-02-114-(0005)-(02) P/N: 05-7200-K000502				
Cessna 172 – 28V G1000 TAE 125-02-114-(0017)-(01) P/N: 05-7200-K001701				
Cessna 172 – 28V G1000 TAE 125-02-114-(0017)-(02) P/N: 05-7200-K001702				
Cessna 172 – 28V G1000 TAE 125-02-114-(0025)-(02) P/N: 05-7200-K002502				
Cessna 172 – 28V G1000 TAE 125-02-114-(0026)-(01) P/N: 05-7200-K002601				
Piper PA28 – 14V TAE 125-02-114-(0010)-(01) P/N: 05-7200-K001001				
Piper PA28 – 14V TAE 125-02-114-(0010)-(02) P/N: 05-7200-K001002				
Piper PA28 – 28V TAE 125-02-114-(0012)-(01) P/N: 05-7200-K001201				
Piper PA28 – 28V TAE 125-02-114-(0012)-(02) P/N: 05-7200-K001202				
Piper PA28 – 28V TAE 125-02-114-(0020)-(01) P/N: 05-7200-K002001				

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TAE 125-02-114 (CD-155) – continuation				
Installation Variant Part Number	Engine Variant – Power Rating	Power Rating		
		Take-Off	Max. Cont. Power	Best Economy
Piper PA28 – 28V TAE 125-02-114-(0020)-(02) P/N: 05-7200-K002002	TAE 125-02-114	114 kW	114 kW	97 kW
Piper PA28 – 28V TAE 125-02-114-(0027)-(02) P/N: 05-7200-K002702				
APEX DR400 TAE 125-02-114-(0014)-(01) P/N: 05-7200-K001401				
APEX DR400 TAE 125-02-114-(0014)-(02) P/N: 05-7200-K001402				
Diamond DA40 – C2.0S TAE 125-02-114-(0018)-(01) P/N: 05-7200-K001801				
Diamond DA40 – C2.0S TAE 125-02-114-(0018)-(02) P/N: 05-7200-K001802				
Diamond DA42 TAE 125-02-114-(0006)-(01) P/N: 05-7200-K000601				
Diamond DA42 TAE 125-02-114-(0006)-(02) P/N: 05-7200-K000602				

Table 7

TAE 125-02-114P (CD-155P)				
Installation Variant Part Number	Engine Variant – Power Rating	Power Rating		
		Take-Off	Max. Cont. Power	Best Economy
TAE 125-02-114P-()-()	TAE 125-02-114P	114 kW	114 kW	71 kW

Table 8



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TAE 125-02-125 (CD-170)				
TAE 125-02-125 (CD-170)	Engine Variant – Power Rating	Power Rating		
		Take-Off	Max. Cont. Power	Best Economy
TAE 125-02-125-(0403)-(01)	TAE 125-02-125	125 kW (5 Min)	114 kW	71 kW

Table 9

CENTURION 4.0 BE				
Installation Variant Part Number	Engine Variant – Power Rating	Power Rating		
		Take-Off	Max. Cont. Power	Best Economy
Centurion 4.0 BE-210-()-()	CENTURION 4.0 BE-210	210 kW	210 kW	154 kW
Centurion 4.0 BE-221-()-()	CENTURION 4.0 BE-221	221 kW	221 kW	154 kW
Centurion 4.0 BE-228-()-()	CENTURION 4.0 BE-228	228 kW	228 kW	154 kW
Centurion 4.0 BE-239-()-()	CENTURION 4.0 BE-239	239 kW (max. 5 min)	228 kW	154 kW
Centurion 4.0 BE-250-()-()	CENTURION 4.0 BE-250	250 kW (max. 5 min)	228 kW	154 kW
Centurion 4.0 BE-257-()-()	CENTURION 4.0 BE-257	257 kW (max. 5 min)	243 kW	154 kW

Table 10



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### Software Versions

TAE 125-01				
Firmware	Aircraft Model	Electr. System	Software Mapping	Part Number
TAE-125 m2.91 (Compression: 18:1)  P/N 02-7610-55101R10	Cessna 172	14V	T14V291CES	20-7610-55104R8
	Cessna 172	14V	T14V292CES	20-7610-55104R9
	Cessna 172	28V	T28V291CES	20-7610-55105R6
	Cessna 172	28V	T28V292CES	20-7610-55105R7
	Piper PA28	14V	T14V291PIP	40-7610-55106R8
	Piper PA28	14V	T14V292PIP	40-7610-55106R9
	Piper PA28	28V	T28V291PIP	40-7610-55107R6
	Piper PA28	28V	T28V292PIP	40-7610-55107R7
	Apex DR400	14 V	T14V291APEX	60-7610-55106R8
	Apex DR400	14 V	T14V292APEX	60-7610-55106R9
	Diamond DA40	14 V	T14V291DIA	50-7610-55105R8
	Diamond DA40	14 V	T14V292DIA	50-7610-55105R9
	Diamond DA42	28 V	R28V291DIA	50-7610-55107R4
	Diamond DA42	28 V	R28V292DIA	50-7610-55107R5

Table 11

TAE 125-02-99				
Firmware	Aircraft Model	Electr. System	Software Mapping	Part Number
TAE-125 m2.91  P/N 02-7610-55101R10	Cessna 172	14V	O14V294CES	20-7610-E000108
	Cessna 172	28V	O28V294CES	20-7610-E001108
	Piper PA28	14V	O14V294PIP	40-7610-E000108
	Piper PA28	28V	O28V294PIP	40-7610-E001108
	Apex DR400	14 V	O14V294APEX	60-7610-E000108
	Diamond DA40	14 V	O14V294DA40	50-7610-E000108
	Diamond DA42	28 V	O28V294DA42	52-7610-E000503

Table 12



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TAE 125-02-99 (continuation)				
Firmware	Aircraft Model	Electr. System	Software Mapping	Part Number
TAE-125 m3.00 P/N 02-7610-55101R11	Cessna 172	14V	O14V300CES	20-7610-E000109
	Cessna 172	14V	O14V301CES	20-7610-E000110
	Cessna 172	14V	O14V302CES	20-7610-E000111
	Cessna 172	28V	O28V300CES	20-7610-E001109
	Cessna 172	28V	O28V301CES	20-7610-E001110
	Cessna 172	28V	O28V302CES	20-7610-E001111
	Piper PA28	14V	O14V300PIP	40-7610-E000109
	Piper PA28	14V	O14V301PIP	40-7610-E000110
	Piper PA28	14V	O14V302PIP	40-7610-E000111
	Piper PA28	28V	O28V300PIP	40-7610-E001109
	Piper PA28	28V	O28V301PIP	40-7610-E001110
	Piper PA28	28V	O28V302PIP	40-7610-E001111
	Apex DR400	14 V	O14V300APEX	60-7610-E000109
	Apex DR400	14 V	O14V301APEX	60-7610-E000110
	Apex DR400	14 V	O14V302APEX	60-7610-E000111
	Diamond DA40	14 V	O14V300DA40	50-7610-E000109
	Diamond DA40	14 V	O14V301DA40	50-7610-E000110
	Diamond DA40	14 V	O14V302DA40	50-7610-E000111
	Diamond DA42	28 V	O28V300DA42	52-7610-E000504
	Diamond DA42	28 V	O28V301DA42	52-7610-E000505
Diamond DA42	28 V	O28V302DA42	52-7610-E000506	

Table 13



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TAE 125-02-99 (continuation)				
Firmware	Aircraft Model	Electr. System	Software Mapping	Part Number
TAE-125 m3.10 P/N 02-7610-55101R12	Cessna 172	14V	O14C311CES	20-7610-E000113
	Cessna 172	14V	O14C312CES	20-7610-E000115
	Cessna 172	14V	O14C313CES	20-7610-E000116
	Cessna 172	14V	O14D311CES	20-7610-E000114
	Cessna 172	28V	O28C311CES	20-7610-E001113
	Cessna 172	28V	O28C312CES	20-7610-E001115
	Cessna 172	28V	O28C313CES	20-7610-E001116
	Cessna 172	28V	O28D311CES	20-7610-E001114
	Piper PA28	14V	O14C311PIP	40-7610-E000113
	Piper PA28	14V	O14C312PIP	40-7610-E000115
	Piper PA28	14V	O14C313PIP	40-7610-E000116
	Piper PA28	14V	O14D311PIP	40-7610-E000114
	Piper PA28	28V	O28C311PIP	40-7610-E001113
	Piper PA28	28V	O28C312PIP	40-7610-E001115
	Piper PA28	28V	O28C313PIP	40-7610-E001116
	Piper PA28	28V	O28D311PIP	40-7610-E001114
	Apex DR400	14 V	O14C311APEX	60-7610-E000113
	Apex DR400	14 V	O14C312APEX	60-7610-E000115
	Apex DR400	14 V	O14C313APEX	60-7610-E000116
	Apex DR400	14 V	O14D311APEX	60-7610-E000114
	Diamond DA40	14 V	O14C311DA40	50-7610-E000113
	Diamond DA40	14 V	O14C313DA40	50-7610-E000115
	Diamond DA40	14 V	O14D311DA40	50-7610-E000114
	Diamond DA42	28 V	O28C311DA42	52-7610-E000508
Diamond DA42	28 V	O28D311DA42	52-7610-E000509	

Table 14



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TAE 125-02-99 (continuation)				
Firmware	Aircraft Model	Electr. System	Software Mapping	Part Number
TAE-125 m3.20 P/N 02-7610-55101R13	Cessna 172	14V	O14D320CES	20-7610-E010101
	Cessna 172	28V	O28D320CES	20-7610-E011101
	Piper PA28	14V	O14D320PIP	40-7610-E010101
	Piper PA28	28V	O28D320PIP	40-7610-E011101
	Apex DR400	14 V	O14D320APEX	60-7610-E010101
	Diamond DA40	14 V	O14D320DA40	50-7610-E010101
	Diamond DA42	28 V	O28D320DA42	52-7610-E010501
TAE-125 m3.30 P/N 02-7610-55101R14	Cessna 172	14V	O14D330CES	20-7610-E020101
	Cessna 172	14V	O14D331CES	20-7610-E020102
	Cessna 172	28V	O28D330CES	20-7610-E021101
	Cessna 172	28V	O28D331CES	20-7610-E021102
	Piper PA28	14V	O14D330PIP	40-7610-E020101
	Piper PA28	14V	O14D331PIP	40-7610-E020102
	Piper PA28	28V	O28D330PIP	40-7610-E021101
	Piper PA28	28V	O28D331PIP	40-7610-E021102
	Apex DR400	14 V	O14D330APEX	60-7610-E020101
	Apex DR400	14 V	O14D331APEX	60-7610-E020102
	Diamond DA40	14 V	O14D330DA40	50-7610-E020101
	Diamond DA40	14 V	O14D331DA40	50-7610-E020102
	Diamond DA42	28 V	O28D330DA42	52-7610-E020501

Table 15



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TAE 125-02-99 (continuation)				
Firmware	Aircraft Model	Electr. System	Software Mapping	Part Number
D4-v1.30 P/N 05-7610-E001002	Cessna 172	14 V	F14C130CES	20-7610-E002201
	Cessna 172	14 V	F14C131CES	20-7610-E002202
	Cessna 172	14 V	F14C132CES	20-7610-E002203
	Cessna 172	14 V	F14D130CES	20-7610-E002101
	Cessna 172	28 V	F28C130CES	20-7610-E003201
	Cessna 172	28 V	F28C131CES	20-7610-E003202
	Cessna 172	28 V	F28C132CES	20-7610-E003203
	Cessna 172	28 V	F28D130CES	20-7610-E003101
	Piper PA28	14 V	F14C130PIP	40-7610-E002201
	Piper PA28	14 V	F14C131PIP	40-7610-E002202
	Piper PA28	14 V	F14C132PIP	40-7610-E002203
	Piper PA28	14 V	F14D130PIP	40-7610-E002101
	Piper PA28	28 V	F28C130PIP	40-7610-E003201
	Piper PA28	28 V	F28C131PIP	40-7610-E003202
	Piper PA28	28 V	F28C132PIP	40-7610-E003203
	Piper PA28	28 V	F28D130PIP	40-7610-E003101
	Apex DR400	14 V	F14C130APEX	60-7610-E002201
	Apex DR400	14 V	F14C132APEX	60-7610-E002202
	Apex DR400	14 V	F14D130APEX	60-7610-E002101
	Diamond DA40	14 V	F14C130DA40	50-7610-E002201
	Diamond DA40	14 V	F14C132DA40	50-7610-E002202
	Diamond DA40	14 V	F14D130DA40	50-7610-E002101
	Diamond DA42	28 V	F28C130DA42	52-7610-E002201
	Diamond DA42	28 V	F28C132DA42	52-7610-E002202
	Diamond DA42	28 V	F28D130DA42	52-7610-E002101

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TAE 125-02-99 (continuation)				
Firmware	Aircraft Model	Electr. System	Software Mapping	Part Number
D4-v1.40 P/N 05-7610-E001003	Cessna 172	14 V	F14D140CES	20-7610-E012101
	Cessna 172	14 V	F14D141CES	20-7610-E012102
	Cessna 172	14 V	F14D142CES	20-7610-E012103
	Cessna 172	28 V	F28D140CES	20-7610-E013101
	Cessna 172	28 V	F28D141CES	20-7610-E013102
	Cessna 172	28 V	F28D142CES	20-7610-E013103
	Piper PA28	14 V	F14D140PIP	40-7610-E012101
	Piper PA28	14 V	F14D142PIP	40-7610-E012102
	Piper PA28	28 V	F28D140PIP	40-7610-E013101
	Piper PA28	28 V	F28D142PIP	40-7610-E013102
	Apex DR400	14 V	F14D140APEX	60-7610-E012101
	Apex DR400	14 V	F14D142APEX	60-7610-E012102
	Diamond DA40	14 V	F14D140DA40	50-7610-E012101
	Diamond DA40	14 V	F14D142DA40	50-7610-E012102
	Diamond DA42	28 V	F28D140DA42	52-7610-E012101
	Diamond DA42	28 V	F28D142DA42	52-7610-E012102

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## Service Bulletin

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TAE 125-02-99 (continuation)				
Firmware	Aircraft Model	Electr. System	Software Mapping	Part Number
D4-v1.70 P/N 05-7610-E001005	Cessna 172	14 V	F14C170CES	20-7610-E002204
	Cessna 172	14 V	F14D170CES	20-7610-E012104
	Cessna 172	28 V	F28C170CES	20-7610-E003204
	Cessna 172	28 V	F28D170CES	20-7610-E013104
	Cessna 172 Only for Engine S/N 02-02-04596 S/N 02-02-04457	28 V	F28D171CES	20-7610-E013105
	Piper PA28	14 V	F14C170PIP	40-7610-E002204
	Piper PA28	14 V	F14D170PIP	40-7610-E012103
	Piper PA28	28 V	F28C170PIP	40-7610-E003203
	Piper PA28	28 V	F28D170PIP	40-7610-E013103
	Apex DR400	14 V	F14C170APEX	60-7610-E002203
	Apex DR400	14 V	F14D170APEX	60-7610-E012103
	D4-v1.80 P/N 05-7610-E001006	Cessna 172	14 V	F14C180CES
Cessna 172		14 V	F14D180CES	20-7610-E012105
Cessna 172		28 V	F28C180CES	20-7610-E003205
Cessna 172		28 V	F28D180CES	20-7610-E013106
Piper PA28		14 V	F14C180PIP	40-7610-E002205
Piper PA28		14 V	F14D180PIP	40-7610-E012104
Piper PA28		28 V	F28C180PIP	40-7610-E003205
Piper PA28		28 V	F28D180PIP	40-7610-E013104
Diamond DA42		28 V	F28C180DA42	52-7610-E002204
Diamond DA42		28 V	F28D180DA42	52-7610-E012105

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## Service Bulletin

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TAE 125-02-114				
Firmware	Aircraft Model	Electr. System	Software Mapping	Part Number
TAE-125 m3.00 P/N 02-7610-55101R11	Cessna 172	14 V	P14V300CES	20-7610-E002005
	Cessna 172	14 V	P14V301CES	20-7610-E002006
	Cessna 172	14 V	P14V302CES	20-7610-E002007
	Cessna 172	28 V	P28V300CES	20-7610-E003005
	Cessna 172	28 V	P28V301CES	20-7610-E003006
	Cessna 172	28 V	P28V302CES	20-7610-E003007
	Piper PA28	14 V	P14V301PIP	40-7610-E002006
	Piper PA28	28 V	P28V301PIP	40-7610-E003006
	Piper PA28	28 V	P28V302PIP	40-7610-E003007
	Apex DR400	14 V	P14V300APEX	60-7610-E002005
	Apex DR400	14 V	P14V301APEX	60-7610-E002006
	Apex DR400	14 V	P14V302APEX	60-7610-E002007
	Diamond DA40	14 V	P14V300DA40	50-7610-E002005
	Diamond DA40	14 V	P14V301DA40	50-7610-E002006
	Diamond DA40	14 V	P14V302DA40	50-7610-E002007

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TAE 125-02-114 (continuation)				
Firmware	Aircraft Model	Electr. System	Software Mapping	Part Number
TAE-125 m3.10 P/N 02-7610-55101R12	Cessna 172	14 V	P14C311CES	20-7610-E002009
	Cessna 172	14 V	P14C312CES	20-7610-E002011
	Cessna 172	14 V	P14C313CES	20-7610-E002012
	Cessna 172	14 V	P14D311CES	20-7610-E002010
	Cessna 172	28 V	P28C311CES	20-7610-E003009
	Cessna 172	28 V	P28C312CES	20-7610-E003011
	Cessna 172	28 V	P28C313CES	20-7610-E003012
	Cessna 172	28 V	P28D311CES	20-7610-E003010
	Piper PA28	14 V	P14C311PIP	40-7610-E002009
	Piper PA28	14 V	P14C312PIP	40-7610-E002011
	Piper PA28	14 V	P14C313PIP	40-7610-E002012
	Piper PA28	14 V	P14D311PIP	40-7610-E002010
	Piper PA28	28 V	P28C311PIP	40-7610-E003009
	Piper PA28	28 V	P28C312PIP	40-7610-E003011
	Piper PA28	28 V	P28C313PIP	40-7610-E003012
	Piper PA28	28 V	P28D311PIP	40-7610-E003010
	Apex DR400	14 V	P14C311APEX	60-7610-E002009
	Apex DR400	14 V	P14C313APEX	60-7610-E002012
	Apex DR400	14 V	P14D311APEX	60-7610-E002010
	Diamond DA40	14 V	P14C311DA40	50-7610-E002009
	Diamond DA40	14 V	P14C312DA40	50-7610-E002011
	Diamond DA40	14 V	P14C313DA40	50-7610-E002012
	Diamond DA40	14 V	P14D311DA40	50-7610-E002010

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TAE 125-02-114 (continuation)				
Firmware	Aircraft Model	Electr. System	Software Mapping	Part Number
TAE-125 m3.20 P/N 02-7610-55101R13	Cessna 172	14V	P14D320CES	20-7610-E012001
	Cessna 172	28V	P28D320CES	20-7610-E013001
	Piper PA28	14V	P14D320PIP	40-7610-E012001
	Piper PA28	28V	P28D320PIP	40-7610-E013001
	Apex DR400	14 V	P14D320APEX	60-7610-E012001
	Diamond DA40	14 V	P14D320DA40	50-7610-E012001
TAE-125 m3.30 P/N 02-7610-55101R14	Cessna 172	14V	P14D330CES	20-7610-E022001
	Cessna 172	14V	P14D331CES	20-7610-E022002
	Cessna 172	28V	P28D330CES	20-7610-E023001
	Cessna 172	28V	P28D331CES	20-7610-E023002
	Piper PA28	14V	P14D330PIP	40-7610-E022001
	Piper PA28	14V	P14D331PIP	40-7610-E022002
	Piper PA28	28V	P28D330PIP	40-7610-E023001
	Piper PA28	28V	P28D331PIP	40-7610-E023002
	Apex DR400	14 V	P14D330APEX	60-7610-E022001
	Apex DR400	14 V	P14D331APEX	60-7610-E022002
	Diamond DA40	14 V	P14D330DA40	50-7610-E022001
	Diamond DA40	14 V	P14D331DA40	50-7610-E022002

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TAE 125-02-114 (continuation)				
Firmware	Aircraft Model	Electr. System	Software Mapping	Part Number
D4-v1.30 P/N 05-7610-E001002	Cessna 172	14 V	G14C130CES	20-7610-E002401
	Cessna 172	14 V	G14C131CES	20-7610-E002402
	Cessna 172	14 V	G14C132CES	20-7610-E002403
	Cessna 172	14 V	G14D130CES	20-7610-E002301
	Cessna 172	28 V	G28C130CES	20-7610-E003401
	Cessna 172	28 V	G28C131CES	20-7610-E003402
	Cessna 172	28 V	G28C132CES	20-7610-E003403
	Cessna 172	28 V	G28D130CES	20-7610-E003301
	Piper PA28	14 V	G14C130PIP	40-7610-E002401
	Piper PA28	14 V	G14C131PIP	40-7610-E002402
	Piper PA28	14 V	G14C132PIP	40-7610-E002403
	Piper PA28	14 V	G14D130PIP	40-7610-E002301
	Piper PA28	28 V	G28C130PIP	40-7610-E003401
	Piper PA28	28 V	G28C131PIP	40-7610-E003402
	Piper PA28	28 V	G28C132PIP	40-7610-E003403
	Piper PA28	28 V	G28D130PIP	40-7610-E003301
	Apex DR400	14 V	G14C130APEX	60-7610-E002401
	Apex DR400	14 V	G14C132APEX	60-7610-E002402
	Apex DR400	14 V	G14D130APEX	60-7610-E002301
	Diamond DA40	14 V	G14C130DA40	50-7610-E002401
	Diamond DA40	14 V	G14C131DA40	50-7610-E002402
	Diamond DA40	14 V	G14C132DA40	50-7610-E002403
	Diamond DA40	14 V	G14D130DA40	50-7610-E002301
Diamond DA42	28 V	G28D130DA42	52-7610-E002601	

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TAE 125-02-114 (continuation)				
Firmware	Aircraft Model	Electr. System	Software Mapping	Part Number
D4-v1.40 P/N 05-7610-E001003	Cessna 172	14 V	G14D140CES	20-7610-E012301
	Cessna 172	14 V	G14D142CES	20-7610-E012302
	Cessna 172	28 V	G28D140CES	20-7610-E013301
	Cessna 172	28 V	G28D142CES	20-7610-E013302
	Piper PA28	14 V	G14D140PIP	40-7610-E012301
	Piper PA28	14 V	G14D142PIP	40-7610-E012302
	Piper PA28	28 V	G28D140PIP	40-7610-E013301
	Piper PA28	28 V	G28D142PIP	40-7610-E013302
	Piper PA28 AIII	28 V	G28D140QA3	40-7610-E113301
	Piper PA28 AIII	28 V	G28D142QA3	40-7610-E113302
	Apex DR400	14 V	G14D140APEX	60-7610-E012301
	Apex DR400	14 V	G14D142APEX	60-7610-E012302
	Diamond DA40	14 V	G14D140DA40	50-7610-E012301
	Diamond DA40	14 V	G14D142DA40	50-7610-E012302
	Diamond DA42	28 V	G28D140DA42	52-7610-E012601
Diamond DA42	28 V	G28D142DA42	52-7610-E012602	
D4-v1.70 P/N 05-7610-E001005	Cessna 172	14 V	G14C170CES	20-7610-E002404
	Cessna 172	14 V	G14D170CES	20-7610-E012303
	Cessna 172	28 V	G28C170CES	20-7610-E003404
	Cessna 172	28 V	G28D170CES	20-7610-E013303
	Piper PA28	14 V	G14C170PIP	40-7610-E002404
	Piper PA28	14 V	G14D170PIP	40-7610-E012303
	Piper PA28	28 V	G28C170PIP	40-7610-E003404
	Piper PA28	28 V	G28D170PIP	40-7610-E013303
	Piper PA28 AIII	28 V	G28D170QA3	40-7610-E113303
	Apex DR400	14 V	G14C170APEX	60-7610-E002403
	Apex DR400	14 V	G14D170APEX	60-7610-E012303

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## Service Bulletin

Service Bulletin No. / Date:

TM TAE 000-0007, Revision 45 / December 11, 2020

TAE 125-02-114 (continuation)				
Firmware	Aircraft Model	Electr. System	Software Mapping	Part Number
D4-v1.70 P/N 05-7610-E001005	Diamond DA40	14 V	G14C170DA40	50-7610-E002404
	Diamond DA40	14 V	G14D170DA40	50-7610-E012303
	Diamond DA40	14 V	G14D171DA40	50-7610-E012304
D4-v1.80 P/N 05-7610-E001006	Cessna 172	14 V	G14C180CES	20-7610-E002405
	Cessna 172	14 V	G14D180CES	20-7610-E012305
	Cessna 172	28 V	G28C180CES	20-7610-E003405
	Cessna 172	28 V	G28D180CES	20-7610-E013305
	Piper PA28	14 V	G14C180PIP	40-7610-E002405
	Piper PA28	14 V	G14D180PIP	40-7610-E012305
	Piper PA28	28 V	G28C180PIP	40-7610-E003405
	Piper PA28	28 V	G28D180PIP	40-7610-E013305
	Piper PA28 AIII	28 V	G28D180QA3	40-7610-E113305
	Diamond DA40	14 V	G14C180DA40	50-7610-E002405
	Diamond DA40	14 V	G14D180DA40	50-7610-E012306
	Diamond DA42	28 V	G28D180DA42	52-7610-E012606

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TAE 125-02-114 (only applicable for version 02 engines)				
Firmware	Aircraft Model	Electr. System	Software Mapping	Part Number
D4-v1.70 P/N 05-7610-E001005	Cessna 172	14 V	G14R172CES	20-7610-E012304
	Cessna 172	28 V	G28R172CES	20-7610-E013304
	Piper PA28	14 V	G14R172PIP	40-7610-E012304
	Piper PA28	28 V	G28R172PIP	40-7610-E013304
	Piper PA28 AIII	28 V	G28R172QA3	40-7610-E113304
	Apex DR400	14 V	G14R172APEX	60-7610-E012305
	Diamond DA40	14 V	G14R172DA40	50-7610-E012305
D4-v1.80 P/N 05-7610-E001006	Cessna 172	14 V	G14R180CES	20-7610-E012401
	Cessna 172	28 V	G28R180CES	20-7610-E013401
	Piper PA28	14 V	G14R180PIP	40-7610-E012401
	Piper PA28	28 V	G28R180PIP	40-7610-E013401
	Piper PA28 AIII	28 V	G28R180QA3	40-7610-E113401
	Diamond DA40	14 V	G14R180DA40	50-7610-E012401
	Diamond DA42	28 V	G28R180DA42	52-7610-E012401

Table 25

TAE 125-02-114P				
Firmware	Aircraft Model	Electr. System	Software Mapping	Part Number
D4-v1.60 P/N 05-7610-E001004		28 V	K28D161ELB	05-7610-E003401
D4-v1.70 P/N 05-7610-E001005		28 V	K28D174ELB	05-7610-E003403
D4-v1.80 P/N 05-7610-E001006		28 V	K28D180ELB	05-7610-E003404

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TAE 125-02-125				
Firmware	Aircraft Model	Electr. System	Software Mapping	Part Number
D4-v1.90 P/N 05-7610-E001007		28 V	L28R191TWEN	65-7610-E200002

Table 27

CENTURION 4.0 BE-210				
Firmware	Aircraft Model	Electr. System	Software Mapping	Part Number
C4.0V2.80		28 V	A28V280B	03-7610-E552101

Table 28

CENTURION 4.0 BE-221				
Firmware	Aircraft Model	Electr. System	Software Mapping	Partnumber
C4.0V2.80		28 V	B28V280B	03-7610-E552201

Table 29

CENTURION 4.0 BE-228				
Firmware	Aircraft Model	Electr. System	Software Mapping	Part Number
C4.0V2.80		28 V	C28V280B	03-7610-E552301

Table 30

CENTURION 4.0 BE-239				
Firmware	Aircraft Model	Electr. System	Software Mapping	Part Number
C4.0V2.80		28 V	D28V280B	03-7610-E552401

Table 31

CENTURION 4.0 BE-250				
Firmware	Aircraft Model	Electr. System	Software Mapping	Part Number
C4.0V2.80		28 V	E28V280B	03-7610-E552501

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CENTURION 4.0 BE-257				
Firmware	Aircraft Model	Electr. System	Software Mapping	Part Number
C4.0V2.80		28 V	F28V280B	03-7610-E552601

Table 33

**Remarks:**

- **Installation of a new software in accordance with the appropriate Operation & Maintenance Manual (OM-02-01, OM-02-02, OM-02-02P, OM-02-02B or OM-03-01).**
- **At the change of the Power Rating the type plate must be exchanged in accordance with the appropriate Repair Manual.**
- **The above mentioned Power Variants and Software Mappings of the Centurion 4.0 BE were approved as Major Change with the No. EASA.E.C.01378.**

**Parts:**

Part Number	Description	Qty
02-7230-02117R1	Type Plate TAE 125-01	1
02-7230-02118R1	Grooved Drive Stud (Type Plate TAE 125-01)	4
05-7221-K003302	Type Plate TAE 125-02-99	1
05-7221-K008502	Type Plate TAE 125-02-114	1
NM-0000-0034301	Grooved Drive Stud (Type Plate TAE 125-02)	4
03-7311-K003301	Type Plate Centurion 4.0 BE-210	1
03-7311-K003401	Type Plate Centurion 4.0 BE-221	1
03-7311-K003501	Type Plate Centurion 4.0 BE-228	1
03-7311-K003601	Type Plate Centurion 4.0 BE-239	1
03-7311-K003701	Type Plate Centurion 4.0 BE-250	1
03-7311-K003801	Type Plate Centurion 4.0 BE-257	1
NM-0000-0115001	Screw	2

**Approval:**

The technical information contained in this document have been approved under the authority of EASA Design Organisation Approval No. EASA.21J.010.