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Service Bulletin

Service Bulletin No. / Date: TM TAE 000-0007, Revision 37 / June 12, 2018

Subject: Variants and Software Versions

Type affected: TAE 125-01, TAE 125-02-99, TAE 125-02-114, TAE 125-02-114P, 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 | | | | |
|---|----------------------------------|--------------|---------------------|-----------------|
| Installation Variant Part Number | Engine Variant – Power Rating | Power Rating | | |
| | | Take-Off | Max. Cont. Power | Best Economy |
| Cessna 172 – 14V TAE 125-02-99-(0007)-(01) P/N: 05-7200-K000701 consists of Engine P/N 05-7200-M000701, FADEC P/N 05-7611-K000102 and approved Firmware and Mapping in accordance with Table 10-15 of this SB | TAE 125-02-99 | 99 kW | 99 kW | 71 kW |
| Cessna 172 – 14V TAE 125-02-99-(0007)-(02) P/N: 05-7200-K000702 consists of Engine P/N 05-7200-M000702, FADEC P/N 05-7611-K000102 and approved Firmware and Mapping in accordance with Table 10-15 of this SB | | | | |
| Cessna 172 – 28V TAE 125-02-99-(0002)-(01) P/N: 05-7200-K000201 consists of Engine P/N 05-7200-M000201, FADEC P/N 05-7611-K000102 and approved Firmware and Mapping in accordance with Table 10-15 of this SB | | | | |
| Cessna 172 – 28V TAE 125-02-99-(0002)-(02) P/N: 05-7200-K000202 consists of Engine P/N 05-7200-M000202, FADEC P/N 05-7611-K000102 and approved Firmware and Mapping in accordance with Table 10-15 of this SB | | | | |

Table 2



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| TAE 125-02-99 (continuation) | | | | |
|---|----------------------------------|--------------|---------------------|-----------------|
| Installation Variant Part Number | Engine Variant – Power Rating | Power Rating | | |
| | | Take-Off | Max. Cont. Power | Best Economy |
| Piper PA28 – 14V TAE 125-02-99-(0009)-(01) P/N: 05-7200-K000901 consists of Engine P/N 05-7200-M000901, FADEC P/N 05-7611-K000102 and approved Firmware and Mapping in accordance with Table 10-15 of this SB | TAE 125-02-99 | 99 kW | 99 kW | 71 kW |
| Piper PA28 – 14V TAE 125-02-99-(0009)-(02) P/N: 05-7200-K000902 consists of Engine P/N 05-7200-M000902, FADEC P/N 05-7611-K000102 and approved Firmware and Mapping in accordance with Table 10-15 of this SB | | | | |
| Piper PA28 – 28V TAE 125-02-99-(0011)-(01) P/N: 05-7200-K001101 consists of Engine P/N 05-7200-M001101, FADEC P/N 05-7611-K000102 and approved Firmware and Mapping in accordance with Table 10-15 of this SB | | | | |
| Piper PA28 – 28V TAE 125-02-99-(0011)-(02) P/N: 05-7200-K001102 consists of Engine P/N 05-7200-M001102, FADEC P/N 05-7611-K000102 and approved Firmware and Mapping in accordance with Table 10-15 of this SB | | | | |

Table 3

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| TAE 125-02-99 (continuation) | | | | |
|---|----------------------------------|--------------|---------------------|-----------------|
| Installation Variant Part Number | Engine Variant – Power Rating | Power Rating | | |
| | | Take-Off | Max. Cont. Power | Best Economy |
| APEX DR400 TAE 125-02-99-(0013)-(01) P/N: 05-7200-K001301 consists of Engine P/N 05-7200-M001301, FADEC P/N 05-7611-K000102 and approved Firmware and Mapping in accordance with Table 10-15 of this SB | TAE 125-02-99 | 99 kW | 99 kW | 71 kW |
| APEX DR400 TAE 125-02-99-(0013)-(02) P/N: 05-7200-K001302 consists of Engine P/N 05-7200-M001302, FADEC P/N 05-7611-K000102 and approved Firmware and Mapping in accordance with Table 10-15 of this SB | | | | |
| Diamond DA40 TAE 125-02-99-(0001)-(01) P/N: 05-7200-K000101 consists of Engine P/N 05-7200-M000101, FADEC P/N 05-7610-E000102 and approved Firmware and Mapping in accordance with Table 10-15 of this SB | | | | |
| Diamond DA40 TAE 125-02-99-(0001)-(02) P/N: 05-7200-K000102 consists of Engine P/N 05-7200-M000102, FADEC P/N 05-7610-E000102 and approved Firmware and Mapping in accordance with Table 10-15 of this SB | | | | |

Table 4



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| TAE 125-02-99 (continuation) | | | | |
|---|----------------------------------|--------------|---------------------|-----------------|
| Installation Variant Part Number | Engine Variant – Power Rating | Power Rating | | |
| | | Take-Off | Max. Cont. Power | Best Economy |
| Diamond DA42 TAE 125-02-99-(0003)-(01) P/N: 05-7200-K000301 consists of Engine P/N 05-7200-M000301, FADEC P/N 05-7610-E000201 and approved Firmware and Mapping in accordance with Table 10-15 of this SB | TAE 125-02-99 | 99 kW | 99 kW | 71 kW |
| Diamond DA42 TAE 125-02-99-(0003)-(02) P/N: 05-7200-K000302 consists of Engine P/N 05-7200-M000302, FADEC P/N 05-7610-E000201 and approved Firmware and Mapping in accordance with Table 10-15 of this SB | | | | |

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| TAE 125-02-114 | | | | |
|--|----------------------------------|--------------|---------------------|-----------------|
| 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 | | | | |
| 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 | | | | |
| Piper PA28 – 28V TAE 125-02-114-(0020)-(02) P/N: 05-7200-K002002 | | | | |

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| TAE 125-02-114 | | | | |
|--|----------------------------------|--------------|---------------------|-----------------|
| Installation Variant Part Number | Engine Variant – Power Rating | Power Rating | | |
| | | Take-Off | Max. Cont. Power | Best Economy |
| APEX DR400 TAE 125-02-114-(0014)-(01) P/N: 05-7200-K001401 | TAE 125-02-114 | 114 kW | 114 kW | 97 kW |
| 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 | | | | |
|-------------------------------------|----------------------------------|--------------|---------------------|-----------------|
| 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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| 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 9

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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 10

| 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 11

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|---------------------------------------|----------------|----------------|------------------|-----------------|
| 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 12



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|---------------------------------------|----------------|----------------|------------------|-----------------|
| 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 |

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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 14

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|---------------------------------|----------------|----------------|------------------|-----------------|
| 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 |
| 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 |
| | 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 |

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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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|---------------------------------------|----------------|----------------|------------------|-----------------|
| 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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|---------------------------------------|----------------|----------------|------------------|-----------------|
| 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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|---------------------------------|----------------|----------------|------------------|-----------------|
| 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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|---------------------------------|-----------------|----------------|------------------|-----------------|
| 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 |
| | Diamond DA40 | 14 V | G14C170DA40 | 50-7610-E002404 |
| | Diamond DA40 | 14 V | G14D170DA40 | 50-7610-E012303 |
| | Diamond DA40 | 14 V | G14D171DA40 | 50-7610-E012304 |

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| 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 |

Table 22

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

Table 23

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

Table 24

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

Table 25

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

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

Table 27

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


Table 28

Remarks:

- Installation of a new software in accordance with the appropriate Operation & Maintenance Manual (OM-02-01, OM-02-02 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 |

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