

FEDERAL AVIATION ADMINISTRATION - PART MANUFACTURER APPROVAL

| <u>NAME AND PART NUMBER</u> | <u>APPROVED REPLACEMENT FOR</u> | <u>APPROVAL BASIS AND APPROVED DESIGN DATA</u> | <u>INSTALLATION ELIGIBILITY</u> |
|-----------------------------|---------------------------------|--|---|
| Cylinder Head, AEC65315 | Continental 626687 | Tests and Computations Approved under 14 CFR Part 21, section 21.303(c)(4) for Engine Components, Inc. Dwg. AEC65315 Rev. C, dated 05/06/91. | <p>Teledyne Continental Motors C75-8, C75-8F, C75-8FH, C75-8FHJ, C75-8FJ, C75-8J, C75-12, C75-12B, C75-12BF, C75-12BFH, C75-12F, C75-12FH, C75-12FHJ, C75-15, C75-15F, C75-FJ, C75-J</p> <p>C85-8, C85-8F, C85-8FHJ, C85-8FJ, C85-8J, C85-12, C85-12F, C85-12FH, C85-12FHJ, C85-12FJ, C85-12J, C85-14F, C85-15, C85-15F</p> <p>C90-8F, C90-8FJ, C90-12F, C90-12FH, C90-12FJ, C90-12FP, C90-14F, C90-14FH, C90-14FJ, C90-14FP, C90-16F</p> <p>C125-1, C125-2, C145-2</p> <p>C145-2H, C145-2HP</p> <p>O-200-A, O-200-B, O-200-C</p> <p>O-300-A, O-300-B, O-300-C, O-300-D, O-300-E</p> <p>GO-300-A, GO-300-B, GO-300-C, GO-300-D, GO-300-E, GO-300-F</p> |

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| New Cylinder Assembly, AEC65314 | Continental 50222 | Tests and Computations Approved under 14 CFR Part 21, section 21.303(c)(4) for Engine Components, Inc. Dwg. AEC65314 Rev. C, dated 06/13/91. | Teledyne Continental Motors C75-8, C75-8F, C75-8FH, C75-8FHJ, C75-8FJ, C75-8J, C75-12, C75-12B, C75-12BF, C75-12BFH, C75-12F, C75-12FH, C75-12FHJ, C75-15, C75-15F, C75-FJ, C75-J C85-8, C85-8F, C85-8FHJ, C85-8FJ, C85-8J, C85-12, C85-12F, C85-12FH, C85-12FHJ, C85-12FJ, C85-12J, C85-14F, C85-15, C85-15F C90-8F, C90-8FJ, C90-12F, C90-12FH, C90-12FJ, C90-12FP, C90-14F, C90-14FH, C90-14FJ, C90-14FP, C90-16F C125-1, C125-2, C145-2 C145-2H, C145-2HP O-200-A, O-200-B, O-200-C O-300-A, O-300-B, O-300-C, O-300-D O-300-E GO-300-A, GO-300-B, GO-300-C, GO-300-D, GO-300-E, GO-300-F |

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| Cylinder Barrel, AEC65080 | Continental 65080 | Tests and Computations Approved under 14 CFR Part 21, section 21.303(c)(4) for Engine Components, Inc. Dwg. AEC65080 Rev. E, dated 06/14/91. | Teledyne Continental Motors C75-8, C75-8F, C75-8FH, C75-8FHJ, C75-8FJ, C75-8J, C75-12, C75-12B, C75-12BF, C75-12BFH, C75-12F, C75-12FH, C75-12FHJ, C75-15, C75-15F, C75-FJ, C75-J C85-8, C85-8F, C85-8FHJ, C85-8FJ, C85-8J, C85-12, C85-12F, C85-12FH, C85-12FHJ, C85-12FJ, C85-12J, C85-14F, C85-15, C85-15F C90-8F, C90-8FJ, C90-12F, C90-12FH, C90-12FJ, C90-12FP, C90-14F, C90-14FH, C90-14FJ, C90-14FP, C90-16F C125-1, C125-2, C145-2 C145-2H, C145-2HP O-200-A, O-200-B, O-200-C O-300-A, O-300-B, O-300-C, O-300-D, O-300-E GO-300-A, GO-300-B, GO-300-C, GO-300-D, GO-300-E, GO-300-F |

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| Cylinder Head, AEC6477 | Continental 6674 | Tests and Computations Approved under 14 CFR Part 21 section 21.303(c)(4) for Engine Components, Inc. Dwg. AEC6477 Rev. D, dated 04/23/91. | Teledyne Continental Motors C75-8, C75-8F, C75-8FH, C75-8FHJ, C75-8FJ, C75-8J, C75-12, C75-12B, C75-12BF, C75-12BFH, C75-12F, C75-12FH, C75-12FHJ, C75-15, C75-15F, C75-FJ, C75-J C85-8, C85-8F, C85-8FHJ, C85-8FJ, C85-8J, C85-12, C85-12F, C85-12FH, C85-12FHJ, C85-12FJ, C85-12J, C85-14F, C85-15, C85-15F C90-8F, C90-8FJ, C90-12F, C90-12FH, C90-12FJ, C90-12FP, C90-14F, C90-14FH, C90-14FJ, C90-14FP, C90-16F C125-1, C125-2, C145-2 C145-2H, C145-2HP O-200-A, O-200-B, O-200-C O-300-A, O-300-B, O-300-C, O-300-D, O-300-E |

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| New Cylinder Assembly, AEC65316 | Continental 641916 | Tests and Computations Approved under 14 CFR Part 21, section 21.303(c)(4) for Engine Components, Inc. Dwg. AEC65316 Rev. C, dated 06/13/91. | <p>Teledyne Continental Motors C75-8, C75-8F, C75-8FH, C75-8FHJ, C75-8FJ, C75-8J, C75-12, C75-12B, C75-12BF, C75-12BFH, C75-12F, C75-12FH, C75-12FHJ, C75-15, C75-15F, C75-FJ, C75-J</p> <p>C85-8, C85-8F, C85-8FHJ, C85-8FJ, C85-8J, C85-12, C85-12F, C85-12FH, C85-12FHJ, C85-12FJ, C85-12J, C85-14F, C85-15, C85-15F</p> <p>C90-8F, C90-8FJ, C90-12F, C90-12FH, C90-12FJ, C90-12FP, C90-14F, C90-14FH, C90-14FJ, C90-14FP, C90-16F</p> <p>C125-1, C125-2, C145-2</p> <p>C145-2H, C145-2HP</p> <p>O-200-A, O-200-B, O-200-C</p> <p>O-300-A, O-300-B, O-300-C, O-300-D O-300-E</p> |

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|-----------------------------|---------------------------------|---|---|
| Stud, AEC401870 | Continental 401870 | Tests and Computations Approved under 14 CFR Part 21, section 21.303(c)(4) for Engine Components, Inc. Drawing AEC401870 Rev. E, dated 6/13/91. | <p>Teledyne Continental Motors C75-8, C75-8F, C75-8FH, C75-8FHJ, C75-8FJ, C75-8J, C75-12, C75-12B, C75-12BF, C75-12BFH, C75-12F, C75-12FH, C75-12FHJ, C75-15, C75-15F, C75-FJ, C75-J</p> <p>C85-8, C85-8F, C85-8FHJ, C85-8FJ, C85-8J, C85-12, C85-12F, C85-12FH, C85-12FHJ, C85-12FJ, C85-12J, C85-14F, C85-15, C85-15F</p> <p>C90-8F, C90-8FJ, C90-12F, C90-12FH, C90-12FJ, C90-12FP, C90-14F, C90-14FH, C90-14FJ, C90-14FP, C90-16F</p> <p>O-200-A, O-200-B, O-200-C</p> <p>C125-1, C125-2, C145-2</p> <p>C145-2H, C145-2HP</p> <p>O-300-A, O-300-B, O-300-C, O-300-D O-300-E</p> <p>GO-300-A, GO-300-B, GO-300-C, GO-300-D, GO-300-E, GO-300-F</p> |

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| Stud, AEC402151 | Continental 402151 | Tests and Computations Approved under 14 CFR Part 21, section 21.303(c)(4) for Engine Components, Inc. AEC402151 Rev. D, dated 6/13/91. | <p>Teledyne Continental Motors C75-8, C75-8F, C75-8FH, C75-8FHJ, C75-8FJ, C75-8J, C75-12, C75-12B, C75-12BF, C75-12BFH, C75-12F, C75-12FH, C75-12FHJ, C75-15, C75-15F, C75-FJ, C75-J</p> <p>C85-8, C85-8F, C85-8FHJ, C85-8FJ, C85-8J, C85-12, C85-12F, C85-12FH, C85-12FHJ, C85-12FJ, C85-12J, C85-14F, C85-15, C85-15F</p> <p>C90-8F, C90-8FJ, C90-12F, C90-12FH, C90-12FJ, C90-12FP, C90-14F, C90-14FH, C90-14FJ, C90-14FP, C90-16F</p> <p>O-200-A, O-200-B, O-200-C C125-1, C125-2, C145-2</p> <p>C145-2H, C145-2HP</p> <p>O-300-A, O-300-B, O-300-C, O-300-D O-300-E</p> |

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| Stud AEC402151 | Continental 402151 | Tests and Computations Approved under 14 CFR Part 21, section 21.303(c)(4) for Engine Components, Inc. AEC402151 Rev. D dated 6/13/91 | Teledyne Continental Motors GO-300-A, GO-300-B, GO-300-C, GO-300-D, GO-300-E, GO-300-F |

(END OF LISTING)

NOTE: Minor design changes (reference 14 CFR part 21 §§ 21.93 and 21.95) must be submitted in a manner as determined by the ACO. Major design changes (reference 14 CFR part 21 §§ 21.93 and 21.97) to drawings and specifications are to be handled in the same manner as that for an original FAA-PMA.


Date: MAR 10 1997
Project Engineer, Special
Certification Office, ASW-190


Date: MAR 10 1997
Manager, San Antonio Manufacturing
Inspection District Office