

**Avidyne 700-00007-XXX-() MFD
Approved Model List**

STC No. SA00161BO

**AVIDYNE
CORPORATION**

**55 Old Bedford Road
Lincoln, MA 01773**

FAA Approved:



**Robert G Mann, Manager
Boston Aircraft Certification Office
Federal Aviation Administration
Burlington, MA**

Log Of Revisions

| Revision Number | Revised Pages | Description of Revisions | FAA Approval | Date |
|------------------------|----------------------|--|--------------------------|---------------------|
| (-) | ALL | Initial Release | See Page 1 for Signature | Feb. 06, 2003 |
| (A) | 7 | Addition of New Piper Aircraft model PA-46-500TP | R. G. Mann | March 18, 2003 |
| (B) | 5 | Addition of PA-60-602P (Aerostar 602P) | R. G. Mann | April 4, 2003 |
| (C) | ALL | Addition of Diamond DA-40, Lancair LC40-550FG, LC42-550FG, Class III aircraft w/ associated Notice changes. | R. G. Mann | September 5, 2003 |
| (D) | 4 5, 6 | Update AFMS reference Addition of Cessna 182T, T182T, P206-series, TP206-series, T303; correction of miscellaneous typographical errors | <i>R. G. Mann</i> | <i>FEB. 8, 2005</i> |

FAA Approved Date: FEB 0 8 2005

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AVMFC-076 Avidyne 700-00007-XXX-() MFD Approved Model List *STC No. SA00161BO*

1. Introduction

This document is the FAA Approved Model List for STC No. SA00161BO for the installation of the Avidyne 700-00007-XXX-() Multi-Function Display into eligible aircraft. Revisions to the AML must be coordinated through the STC holder, and require FAA approval.

IMPORTANT NOTICE

This STC is only applicable to the 14 CFR Part 23 Class I, II, and III aircraft, as defined in Advisory Circular AC 23.1309-1C, which are listed in this AML.

When installed in Class III aircraft, an independent lightning detection and display system complying to TSO-C110a must also be installed for operations in IMC and FAA Approved Flight Manual Supplement, Document 600-00083-001 Rev (A), or later FAA approved revision is required and must be carried aboard the aircraft during all flights.

Installation in 14 CFR Part 23 Class IV, Part 25, Part 27 and Part 29 aircraft are not authorized under this STC.

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2. Approved Model List – Part 23 Class I and Class II

| Aircraft Make | Aircraft Model(s) | Type Certificate Number | Certification Basis |
|-------------------------------|--|--------------------------------|----------------------------|
| Aerostar Aircraft Corporation | PA-60-600 (Aerostar 600), PA-60-601 (Aerostar 601), PA-60-601P (Aerostar 601P), PA-60-602P (Aerostar 602P) | A17WE | 14 CFR Part 23 |
| Alexandria Aircraft | 14-19, 14-19-2, 14-19-3, 14-19-3A, 17-30, 17-31, 17-31TC | 1A3 | CAR 3 |
| | 17-30A, 17-31A, 17-31ATC | A18CE | 14 CFR Part 23 |
| Cessna Aircraft Company | 140A | 5A2 | CAR 3 |
| | 150, 150A, 150B, 150C, 150D, 150E, 150F, 150G, 150H, 150J, 150K, 150L, A150L, 150M, A150K, A150M 152, A152 | 3A19 | CAR 3 |
| | 170, 170A, 170B | A-799 | CAR 3 |
| | 172, 172A, 172B, 172C, 172D, 172E, 172F, 172G, 172H, 172I, 172K, 172L, 172M, 172N, 172P, 172Q, 172R, 172S, | 3A12 | CAR 3, 14 CFR Part 23 |
| | 172RG, P172D, R172E, R172F, R172G, R172H, R172J, R172K 175, 175A, 175B, 175C | 3A17 | CAR 3 |
| | 177, 177A, 177B | A13CE | 14 CFR Part 23 |
| | 177RG | A20CE | 14 CFR Part 23 |
| | 180, 180A, 180B, 180C, 180D, 180E, 180F, 180G, 180H, 180J, 180K | 5A6 | CAR 3 |
| | 182, 182A, 182B, 182C, 182D, 182E, 182F, 182G, 182H, 182J, 182K, 182L, 182M, 182N, 182P, 182Q, 182R, 182S, 182T, R182, T182, T182T, TR182 | 3A13 | CAR 3, 14 CFR Part 23 |
| | 185, 185A, 185B, 185C, 185D, 185E, A185E, A185F | 3A24 | CAR 3 |
| | 190 195, 195A, 195B | A-790 | CAR 3 |
| | 206, 206H, P206, P206A, P206B, P206C, P206D, P206E, TP206A, TP206B, TP206C, TP206D, TP206E, TU206A, TU206B, TU206C, TU206D, TU206E, TU206F, TU206G, T206H, U206, U206A, U206B, U206C, U206D, U206E, U206F, U206G | A4CE | CAR 3, 14 CFR Part 23 |

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| Aircraft Make | Aircraft Model(s) | Type Certificate Number | Certification Basis |
|--|---|--------------------------------|-----------------------------------|
| Cessna Continued | 207, 207A, T207, T207A | A16CE | 14 CFR Part 23 |
| | 210, 210A, 210B, 210C, 210D, 210E, 210F, 210G, 210H, 210J, 210K, 210L, 210M, 210N, 210R, 210-5 (205), 210-5A (205A), P210N, P210R, T210F, T210G, T210H, T210J, T210K, T210L, T210M, T210N, T210R | 3A21 | CAR 3 |
| | T303 | A34CE | 14 CFR Part 23 |
| | 310, 310A (USAF U-3A), 310B, 310C, 310D, 310E (USAF U-3B), 310F, 310G, 310H, 310I, 310J, 310J-1, 310K, 310L, 310N, 310P, E310H, E310J, T310P, 310Q, T310Q, 310R, T310R | 3A10 | CAR 3 |
| | 320, 320-1, 320A, 320B, 320C, 320D, 320E, 320F 340, 340A, 335, 340, 340A | 3A25 | CAR 3 |
| | 336 | A2CE | CAR 3 |
| | 337, 337A (USAF O2B), 337B, 337C, 337D, 337E, 337F, 337G, 337H, M337B (USAF O2A), P337H, T337B, T337C, T337D, T337E, T337F, T337G, T337H, T337H-SP | A6CE | CAR 3, 14 CFR Part 23 |
| Commander Aircraft | 112, 114, 112TC, 112B, 112TCA, 114A, 114B, 114TC | A12SO | CAR 3 |
| de Havilland Inc. | DHC-2 Mk. I, DHC-2 Mk. II, DHC-2 Mk. III | A-806 | CAR 3 |
| Diamond Aircraft Industries | DA 20-A1, DA20-C1 | TA4CH | 14 CFR Part 23 |
| | DA40 | A47CE | 14 CFR Part 21, 14 CFR Part 23 |
| Maule Aerospace Technology, Inc. | Bee Dee M-4, M-5-180C, MXT-7-160, M-4, M-5-200, MX-7-180A, M-4C, M-5-210C, MXT-7-180, M-4S, M-5-210TC, MX-7-180B, M-4T, M-5-220C, MXT-7-420, M-4-180C, M-5-235C, M-7-235B, M-4-180S, M-6-180, M-7-235A, M-4-180T, M-6-235, M-7-235C M-4-210 M-7-235 MX-7-180C, M-4-210C, MX-7-235, M-7-260, M-4-210S MX-7-180 MT-7-260, M-4-210T, MX-7-420, M-7-260C, M-4-220, MXT-7-180, M-7-420AC, M-4-220C, MT-7-235, MX-7-160C, M-4-220S, M-8-235, MX-7-180AC, M-4-220T, MX-7-160 | 3A23 | CAR 3 |

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| Aircraft Make | Aircraft Model(s) | Type Certificate Number | Certification Basis |
|--|--|--------------------------------|----------------------------|
| Mooney Aircraft Corp. | M20, M20A, M20B, M20C, M20D, M20E, M20F, M20G, M20J, M20K, M20L, M20M, M20R, M20S | 2A3 | CAR 3 |
| | M22 | A6SW | CAR 3 |
| Partenavia Costruzioni Aeronauticas S.p.A. | P 68, P 68B, P 68C, P 68C-TC, P 68 "OBSERVER", AP68 TP series 300, P68TC "OBSERVER", AP68TP 600, P68 "OBSERVER 2" | A31EU | 14 CFR Part 23 |
| The Lancair Company | LC40-550FG, LC42-550FG | A00003SE | 14 CFR Part 23 |
| The New Piper Aircraft, Inc. | PA-28-160, PA-28-150, PA-28-180, PA-28S-160, PA-28S-180, PA-28-235, PA-28-140 2 PCLM, PA-28-140 4 PCLM, PA-28R-180, PA-28R-200, PA-28R-200, PA-28-180, PA-28-235, PA-28-151, PA-28-181, PA-28-181, PA-28-161, PA-28-161, PA-28-161, PA-28R-201, PA-28R-201T, PA-28-236, PA-28RT-201, PA-28RT-201, PA-28RT-201T, PA-28-201T | 2A13 | CAR 3 |
| | PA-32-260, PA-32-300, PA-32S-300, PA-32R-300, PA-32RT-300, PA-32RT-300T, PA-32R-301, PA-32R-301, PA-32R-301T, PA-32-301, PA-32-301T, PA-32R-301T | A3SO | CAR 3 |
| | PA-23, PA-23-160, PA-23-250 (Navy UO-1), PA-23-235, PA-E23-250, PA-23-250 | 1A10 | CAR 3 |
| | PA-30, PA-39, PA-40 | A1EA | CAR 3 |
| | PA-24-250, PA-24-260, PA-24-400 | 1A15 | CAR 3 |
| | PA-34-200, PA-34-200T, PA-34-220T, PA-34-220T, PA-34-220T | A7SO | CAR 3 |
| | PA-44-180, PA-44-180, PA-44-180T | A19SO | 14 CFR Part 23 |
| | PA-38-112 | A18SO | 14 CFR Part 23 |
| | PA-46-310P, PA-46-350P, PA-46-500TP | A25SO | 14 CFR Part 23 |

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| Aircraft Make | Aircraft Model(s) | Type Certificate Number | Certification Basis |
|-----------------------------------|---|--------------------------------|----------------------------|
| Raytheon Aircraft Company | 19A, B23, B19, C23, M19A, A24, 23 A24R, A23, B24R, A23A, C24R, A23-19, A23-24 | A1CE | CAR 3 |
| | H35, J35, K35, M35, 35-33, N35, 35-A355, 35-B33, P35, S35, 35-C33, E33, F33, V35, V35A, V35B, 35-C33A, E33A, E33C, 36, A36, F33A, F33C, G33, A36TC, B36TC | 3A15 | CAR 3 |
| | 95, B95, 95-55 and 95-A55, B95A, D95A and E95, 95-B55 and 95-B55A, 95-B55B, 95-C55, D55; 95-C55A, D55A, E55 and E55A, 56TC and A56TC, 58 and 58A | 3A16 | CAR 3 |
| | 58P and 58PA, 58TC and 58TCA | A23CE | 14 CFR Part 23 |
| | 50 (L-23A), B50 (L-23B) | 5A4 | CAR 3 |
| REVO, Incorporated | Colonial C-1, Colonial C-2, Lake LA-4, LA-4A, LA-4P, Lake LA-4-200, Lake 250 | 1A13 | CAR 3, 14 CFR Part 23 |
| SOCATA - Groupe AEROSPATIALE | TB 20, TB 10, TB 21, TB9, TB 200 | A51EU | 14 CFR Part 23 |
| Tiger Aircraft (American General) | AA-1, AA-1A, AA-1B, AA-1C | A11EA | 14 CFR Part 23 |
| | AA-5, AA-5A, AA-5B, AG-5B | A16EA | 14 CFR Part 23 |
| Twin Commander | 500, 520, 560, 560-A | 6A1 | CAR 3 |

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3. Approved Model List – Part 23 Class III

| Aircraft Make | Aircraft Model(s) | Type Certificate Number | Certification Basis |
|--|--|--------------------------------|----------------------------|
| Aerostar Aircraft Corporation | PA-60-700P (Aerostar 700P) | A17WE | 14 CFR Part 23 |
| Cessna Aircraft Company | 208, 208A, 208B | A37CE | 14 CFR Part 23 |
| | 401, 401A, 401B, 402, 402A, 402B, 402C, 411, 411A, 414, 414A, 421, 421A, 421B, 421C, 425 | A7CE | CAR3 |
| | 404, 406 | A25CE | 14 CFR Part 23 |
| | 441 | A28CE | 14 CFR Part 23 |
| | 501, 551 | A27CE | 14 CFR Part 23 |
| | 525, 525A | A1W1 | 14 CFR Part 23 |
| De Havilland Inc. | (Twin Otter) DHC-6-1, DHC-6-100, DHC-6-200, DHC-6-300 | A9EA | CAR3 |
| Fairchild | SA26-T, SA26-AT, SA226-T, SA226-AT, SA226-T(B), SA227-AT, SA227-TT | A5SW | CAR3 |
| | SA-226-TC, SA227-AC (C-26A), SA227-BC (C-26A), SA227-PC | A8SW | 14 CFR Part 23 |
| | SA227-CC, SA227-DC | A18SW | 14 CFR Part 23 |
| Learjet | 23 | A5CE | CAR3 |
| Mitsubishi Heavy Industries, Ltd. | MU-2B, MU-2B-10, MU-2B-20, MU-2B-15, MU-2B-30, MU-2B-35, MU-2B-25, MU-2B-36, MU-2B-26 | A2PC | CAR 3 |
| | MU-2B-25, MU-2B-35, MU-2B-26, MU-2B-36, MU-2B-26A, MU-2B-36A, MU-2B-40, MU-2B-60 | A10SW | CAR 3 |
| Partenavia Costruzioni Aeronauticas S.p.A. | "SPARTACUS", AP68TP 600 "VIATOR", VA300 | A31EU | 14 CFR Part 23 |
| Piaggio Aero Industries S.p.A. | P-180 | A59EU | 14 CFR Part 23 |
| Pilatus Aircraft Limited | PC-12, PC-12/45 | A78EU | 14 CFR Part 23 |

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| Aircraft Make | Aircraft Model(s) | Type Certificate Number | Certification Basis |
|------------------------------|--|--------------------------------|----------------------------|
| | PC-6, PC-6-H1, PC-6-H2, PC-6/350, PC-6/350-H1, PC-6/350-H2, PC-6/A, PC-6/A-H1, PC-6/A-H2, PC-6/B-H2, PC-6/B1-H2, PC-6/B2-H2, PC-6/B2-H4, PC-6/C-H2, PC-6/C1-H2 | 7A15 | CAR3 |
| The New Piper Aircraft, Inc. | PA-31, PA-31-300, PA-31-325, PA-31-350 | A20SO | CAR3 |
| | PA-31P, PA-31T, PA-31T1, PA-31T2, PA-31T3, PA-31P-350 | A8EA | CAR3 |
| | PA-42, PA-42-720, PA-42-720R, PA-42-1000 | A23SO | 14 CFR Part 23 |
| Raytheon Aircraft Company | 200 (A100-1 (U-21J)), 200C, 200CT, 200T, A200 (C-12A) or (C-12C), A200C (UC-12B), A200CT (C-12D) or (FWC-12D) or (RC-12D) or (C-12F) or (RC-12G) or (RC-12H) or (RC-12K) or (RC-12P) B200, B200C (C-12F) or (UC-12F) or (UC-12M), or (C-12R), B200CT, B200T, 300, B300, B300C, 300LW, 1900, 1900C (C-12J), 1900D | A24CE | 14 CFR Part 23 |
| | A100 (U-21F), A100A, A100C, B100 | A14CE | 14 CFR Part 23 |
| | F90 | A31CE | 14 CFR Part 23 |
| | E50 (L-23D, RL-23D), C50, F50, D50 (L-23E), G50, D50A H50, D50B, J50, D50C, D50E, D50E-5990 | 5A4 | CAR 3 |
| | 60, A60, B60 | A12CE | 14 CFR Part 23 |
| | 65, 65-A90-1, A65, 65-A90-2, A65-8200, 65-A90-3, 65-80, 65-A90-4, 65-A80, 65-A80-8800, 65-B80, 65-88, 65-90, 65-A90, 70, B90, C90, C90A, E90, H90 | 3A20 | CAR3, 14 CFR Part 23 |
| SOCATA - Groupe AEROSPATIALE | TBM 700 | A60EU | 14 CFR Part 23 |
| Twin Commander | 560-F, 681, 680, 690, 680E, 685, 680F, 690A, 720, 690B, 680FL, 690C, 680FL(P), 690D, 680T, 695, 680V, 695A, 680W, 695B | 2A4 | CAR 3 |
| | 500-A, 500-B, 500-U, 560-E, 500-S | 6A1 | CAR 3 |
| | 700 | A12SW | 14 CFR Part 23 |

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