


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


***STC No. SA00161BO***

**AVIDYNE  
CORPORATION**

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FAA Approved:   
Robert G Mann, Manager  
Boston Aircraft Certification Office  
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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.		SEP 05 2003

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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 requires FAA approval.

### IMPORTANT NOTICE

This STC is only applicable to the 14CFR 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 (-), dated September 05, 2003, or later FAA approved revision is required and must be carried aboard the aircraft during all flights.

Installation in 14CFR 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 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 23
Cessna Aircraft Company	140A	5A2	CAR 3
	150, 150A, 150B, 150C, 150D, 150E, 150F, 150G, 150H, 150J, 150K, A150K, 150L, A150L, 150M, 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 23
	172RG, P172D, R172E, R172F, R172G, R172H, R172J, R172K, 175, 175A, 175B, 175C	3A17	CAR 3
	177, 177A, 177B, 177RG	A13CE	14 CFR 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, R182, T182, TR182	3A13	CAR 3, 14 CFR 23
	185, 185A, 185B, 185C, 185D, 185E, A185E, A185F	3A24	CAR 3
	190, 195, 195A, 195B	A-790	CAR 3
	210, 210A, 210B, 210C, 210D, 210E, 210F, T210F, 210G, T210G, 210H, T210H, 210J, T210J, 210K, T210K, 210L, T210L, 210M, T210M, 210N, P210N, T210N, 210R, P210R T210-R, 210-5, 210-5A	3A21	CAR 3

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<i>Aircraft Make</i>	<i>Aircraft Model(s)</i>	<i>Type Certificate Number</i>	<i>Certification Basis</i>
Cessna Continued	205, 206, U206, U206-A, U206-B, U206-C, U206-D, U206-E, U206-F, U206-G, TU206A, TU206-B, TU206-C, -D, TU206-E, TU206-F, TU206-G, 206H, T206H	A4CE	CAR 3, 14 CFR 23
	207, 207A, T207, T207A	A16CE	14 CFR 23
	310, 310A (USAF U-3A), 310B, 310C, 310D, 310E (USAF U-3B), 310F, 310G, 310H, E310H, 310I, 310J, 310J-1, E310J, 310K, 310L, 310N, 310P, 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 and 337A (USAF O2B), 337B, T337B, 337C, T337C, 337D, T337D, M337B (USAF O2A), 337E, T337E and T337F, 337F, T337G, 337G, 337H/T337H, P337H, T337H-SP	A6CE	CAR 3, 14 CFR 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 23
	DA40	A47CE	14 CFR 21 14 CFR 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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<i>Aircraft Make</i>	<i>Aircraft Model(s)</i>	<i>Type Certificate Number</i>	<i>Certification Basis</i>
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 23
The Lancair Company	LC40-550FG, LC42-550FG	A00003SE	14 CFR 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 23
	PA-38-112	A18SO	14 CFR 23
	PA-46-310P, PA-46-350P, PA-46-500TP	A25SO	14 CFR 23

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<i>Aircraft Make</i>	<i>Aircraft Model(s)</i>	<i>Type Certificate Number</i>	<i>Certification Basis</i>
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 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 23
SOCATA - Groupe AEROSPATIALE	TB 20, TB 10, TB 21, TB9, TB 200	A51EU	14 CFR 23
Tiger Aircraft (American General)	AA-1, AA-1A, AA-1B, AA-1C	A11EA	14 CFR 23
	AA-5, AA-5A, AA-5B, AG-5B	A16EA	14 CFR 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 23
Cessna Aircraft Company	208, 208A, 208B	A37CE	FAR23
	401, 401A, 401B, 402, 402A, 402B, 402C, 411, 411A, 414, 414A, 421, 421A, 421B, 421C, 425	A7CE	CAR3
	404, 406	A25CE	FAR23
	441	A28CE	FAR23
	501, 551	A27CE	FAR23
	525, 525A	A1W1	FAR23
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	FAR23
	SA227-CC, SA227-DC	A18SW	FAR23
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	FAR23
Piaggio Aero Industries S.p.A.	P-180	A59EU	14 CFR 23
Pilatus Aircraft Limited	PC-12, PC-12/45	A78EU	FAR23

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<i>Aircraft Make</i>	<i>Aircraft Model(s)</i>	<i>Type Certificate Number</i>	<i>Certification Basis</i>
	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	FAR23
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	FAR23
	A100 (U-21F), A100A, A100C, B100	A14CE	FAR23
	F90	A31CE	FAR23
	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	FAR23
	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, FAR23
SOCATA - Groupe AEROSPATIALE	TBM 700	A60EU	14 CFR 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 23

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