

**J.P. INSTRUMENTS**  
**FAA APPROVED MODEL LIST (AML) NUMBER SA01435SE FOR**  
**INSTALLATION OF THE EDM-900/930 PRIMARY ENGINE DATA MANAGEMENT SYSTEM**

ORIGINAL ISSUE DATE: December 13, 2004

| ITEM | AIRCRAFT MAKE                                   | AIRCRAFT MODEL                                                                                                                                                               | TYPE<br>CERTIFICATE<br>NUMBER | CERTIFICATION<br>BASIS FOR<br>ALTERATION | AML REVISION<br>DATE |
|------|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|------------------------------------------|----------------------|
| 1.   | Burl A. Rogers (Aerona)                         | 15AC.                                                                                                                                                                        | A-802                         | CAR 3                                    | 03-21-2008           |
| 2.   | American Champion Aircraft Corporation          | 8GCBC, 8KCAB.                                                                                                                                                                | A21CE                         | FAR 23                                   | 08-18-2010           |
| 3.   | American Champion Aircraft Corporation          | 7ECA, 7GCB, 7GCAA.                                                                                                                                                           | A-759                         | CAR 4a                                   | 04-03-2006           |
| 4.   | Sky International Inc. (Aviat Aircraft)         | A-1B, A-1C-180, A-1C-200.                                                                                                                                                    | A22NM                         | FAR 23                                   | 08-18-2010           |
| 5.   | True Flight Holdings LLC,<br>(Grumman American) | AA-1, AA-1A, AA-1B, AA-1C.                                                                                                                                                   | A11EA                         | FAR 23                                   | 08-18-2010           |
| 6.   | True Flight Holdings LLC,<br>(Grumman American) | AA-5A.                                                                                                                                                                       | A16EA                         | FAR 23                                   | 03-21-2008           |
| 7.   | Hawker Beechcraft Corporation                   | G17S                                                                                                                                                                         | TC 779                        | Aero Bulletin<br>7A & CAR 4              | 02-XX-2011           |
| 8.   | Hawker Beechcraft Corporation                   | 19A, B19, A23-19, M19A, A24R, B24R, C24R.                                                                                                                                    | A1CE                          | CAR 3                                    | 08-18-2010           |
| 9.   | Hawker Beechcraft Corporation                   | 35-A33, E33A, F33A, G33, H35, N35, P35, V35, V35A, V35B, 36, A36, A36TC, and<br>B36TC. Also, 35-A33 and 35-B33 with STC SA09603SC.                                           | 3A15                          | CAR 3                                    | 02-XX-2011           |
| 10.  | Hawker Beechcraft Corporation                   | 35, A35, B35, C35, D35, and G35. Also, A35, B35, C35, D35, E35, F35, G35,<br>with IO-550-B Engine per STC SA2200SW.                                                          | A-777                         | CAR 3                                    | 02-XX-2011           |
| 11.  | Hawker Beechcraft Corporation                   | 35-33, 35-A33, 35-B33, 35-C33, 35-C33A, E33, E33A, E33C, F33, F33A, F33C,<br>G33, H35, J35, M35, N35, P35, S35, V35, V35A, V35B, 36, A36,<br>with IO-550-B per STC SA2200SW. | 3A15                          | CAR 3                                    | 07-24-2006           |
| 12.  | Hawker Beechcraft Corporation                   | A36 with Coleman STC SA1835SO. Also 36, A36, with STC SA2682NM.                                                                                                              | 3A15                          | CAR 3                                    | 08-18-2010           |
| 13.  | Hawker Beechcraft Corporation                   | E33A, E33C, 35-C33A, S35, V35, V35A, V35B, F33A, F33C, 36, A36,<br>with Atlantic Aero STC SA10145SC.                                                                         | 3A15                          | CAR 3                                    | 03-21-2008           |
| 14.  | Hawker Beechcraft Corporation                   | 35-C33A, 36, A36, E33A, F33A, G33, S35, V35, V35A, V35B, A36TC, B36TC,<br>with STC SA5223NM. Also 36, A36, with STC SA2682NM.                                                | 3A15                          | CAR 3                                    | 04-03-2006           |
| 15.  | Hawker Beechcraft Corporation                   | A45, D45, with STC SA1864SW.                                                                                                                                                 | 5A3                           | CAR 3                                    | 08-18-2010           |
| 16.  | Alexandria Aircraft, LLC (Bellanca)             | 14-19-2, 14-19-3.                                                                                                                                                            | 1A3                           | CAR 03                                   | 08-18-2010           |
| 17.  | Alexandria Aircraft, LLC (Bellanca)             | 17-30A, 17-31A, 17-31ATC. Also 17-31ATC, with STC SE6WE.                                                                                                                     | A18CE                         | FAR 23                                   | 08-18-2010           |
| 18.  | Cessna Aircraft Company                         | 170, 170A, 170B.                                                                                                                                                             | A-789                         | CAR 3                                    |                      |
| 19.  | Cessna Aircraft Company                         | 172, 172A, 172B, 172C, 172D, 172E, 172F, 172G, 172H, 172I, 172K, 172L,<br>172M, 172N, 172Q, 172R, 172S.                                                                      | 3A12                          | CAR 3                                    | 08-18-2010           |
| 20.  | Cessna Aircraft Company                         | 172RG, R172K. Also 175, 175A, 175B, 175C with STC SA02282AK or SA02343AK                                                                                                     | 3A17                          | CAR 3                                    | 02-XX-2011           |
| 21.  | Cessna Aircraft Company                         | 177, 177A, 177B.                                                                                                                                                             | A13CE                         | FAR 23                                   | 07-25-2005           |
| 22.  | Cessna Aircraft Company                         | 177RG.                                                                                                                                                                       | A20CE                         | FAR 23                                   |                      |
| 23.  | Cessna Aircraft Company                         | 180, 180A, 180B, 180C, 180D, 180E, 180F, 180G, 180H, 180J, 180K.                                                                                                             | 5A6                           | CAR 3                                    | 08-18-2010           |
| 24.  | Cessna Aircraft Company                         | 180, 180A, 180B, 180C, 180D, 180E, 180F, 180G, 180H, 180J, 180K,<br>with STC SA00468WI.                                                                                      | 5A6                           | CAR 3                                    | 08-18-2010           |

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|------|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|------------------------------------------|----------------------|
| 25.  | Cessna Aircraft Company          | 180, 180A, 180B, 180C, 180D, 180E, 180F, 180G, 180H, 180J, 180K, with Texas Skyways STCs SA09132SC, SA9055SC, SA09018SC, SA8950SW, or SA8842SW                                      | 5A6                           | CAR 3                                    | 07-24-2006           |
| 26.  | Cessna Aircraft Company          | 182, 182A, 182B, 182C, 182D, 182E, 182F, 182G, 182H, 182J, 182K, 182L, 182M, 182N, 182P, 182Q, 182R, with Texas Skyways STCs SA09133SC, SA9056SC, SA09026SC, SA8951SW, or SA8842SW. | 3A13                          | CAR 3                                    | 04-03-2006           |
| 27.  | Cessna Aircraft Company          | 182H, 182J, 182K, 182L, 182M, 182N, 182P, 182Q, with STC SA00152WI (Air Plains IO-550).                                                                                             | 3A13                          | CAR 3                                    | 08-18-2010           |
| 28.  | Cessna Aircraft Company          | 182E, 182F, 182G, 182H, 182J, 182K, 182L, 182M, 182N, 182P, 182Q, 182R, with Peterson STC SA3825SW.                                                                                 | 3A13                          | CAR 3                                    | 08-18-2010           |
| 29.  | Cessna Aircraft Company          | 182Q, 182R, with STC SA03302AT.                                                                                                                                                     | 3A13                          | CAR 3                                    | 03-21-2008           |
| 30.  | Cessna Aircraft Company          | 182, 182A, 182B, 182C, 182D, 182E, 182F, 182G, 182H, 182J, 182K, 182L, 182M, 182N, 182P, 182R, 182S, 182T, T182T, R182, TR182.                                                      | 3A13                          | CAR 3<br>FAR 23                          | 08-18-2010           |
| 31.  | Cessna Aircraft Company          | 185E, A185E, A185F. Also A185E, A185F, with STC SA00344WI or SA2933SO.                                                                                                              | 3A24                          | CAR 3                                    | 08-18-2010           |
| 32.  | Cessna Aircraft Company          | 185, 185A, 185B, 185C, 185D, 185E, A185E, A185F, with STC SA2118SW.                                                                                                                 | 3A24                          | CAR 3                                    | 03-21-2008           |
| 33.  | Cessna Aircraft Company          | 185, 185A, 185B, 185C, 185D, 185E, A185E, A185F, with Texas Skyways STC SA09960SC.                                                                                                  | 3A24                          | CAR 3                                    | 04-03-2006           |
| 34.  | Cessna Aircraft Company          | 190, 195.                                                                                                                                                                           | A-790                         | CAR 3                                    | 08-18-2010           |
| 35.  | Cessna Aircraft Company          | 205 and 205A, with Texas Skyways STC SA09467SC.                                                                                                                                     | 3A21                          | CAR 3                                    | 04-03-2006           |
| 36.  | Cessna Aircraft Company          | U206A, U206B, U206C, U206D, U206E, U206F, and U206G with STC 2123NM.                                                                                                                | A4CE                          | CAR 3                                    |                      |
| 37.  | Cessna Aircraft Company          | P206A, P206B, P206C, P206D, P206E, U206B, U206C, U206D, U206E, U206F, U206G, with STC SA02507AT-D.                                                                                  | A4CE                          | CAR 3                                    | 08-18-2010           |
| 38.  | Cessna Aircraft Company          | 206, U206, U206A, U206B, U206C, U206D, U206E, U206F, U206G, and P206, P206A, P206B, P206C, P206D, P206E, with Texas Skyways STC SA10010SC.                                          | A4CE                          | CAR 3                                    | 04-03-2006           |
| 39.  | Cessna Aircraft Company          | TP206A, TP206B, TP206C, TP206D, TP206E, TU206A, TU206B, TU206C, TU206D, TU206E, TU206F, with STC SA1300AT, or STC SA2782SW.                                                         | A4CE                          | CAR 3                                    | 08-18-2010           |
| 40.  | Cessna Aircraft Company          | 206, U206, U206A, U206B, U206C, U206D, U206E, U206F, U206G, 206H, T206H, TU206G, P206, P206A, P206B, P206C, P206D, P206E.                                                           | A4CE                          | CAR 3                                    | 08-18-2010           |
| 41.  | Cessna Aircraft Company          | U206G, with STC SA00332AT.                                                                                                                                                          | A4CE                          | CAR 3                                    | 08-18-2010           |
| 42.  | Cessna Aircraft Company          | 207, 207A, T207A. Also 207, 207A, with Texas Skyways STC SA10011SC.                                                                                                                 | A16CE                         | FAR 23                                   | 08-18-2010           |
| 43.  | Cessna Aircraft Company          | 210B, 210C, 210F, P210N, P210R, T210G, T210H, T210K, T210L, T210M, T210N, T210R.                                                                                                    | 3A21                          | CAR 3                                    | 08-18-2010           |
| 44.  | Cessna Aircraft Company          | 210K, 210L, 210M, and 210N. Also 210K, 210L, 210M, and 210N, with STC SA02029AT-D. Also 210L with STC SA09952SC                                                                     | 3A21                          | CAR 3                                    | 02-XX-2011           |
| 45.  | Cessna Aircraft Company          | P210N with STC SA2568NM, T210K, T210L, T210M, T210N with STC SA3104SO, T210F, T210G, T210H, T210J, T210K, and T210L, with STC SA2689SW.                                             | 3A21                          | CAR 3                                    | 08-18-2010           |
| 46.  | Cirrus Design Corporation        | SR20, SR22.                                                                                                                                                                         | A00009CH                      | FAR 23                                   |                      |
| 47.  | CPAC, Inc. (Commander, Rockwell) | 112, 112B, 112TC, 112TCA, 114, 114A, 114B, 114TC.                                                                                                                                   | A12SO                         | FAR 23                                   | 07-25-2005           |

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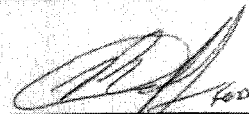
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|      |                                                  |                                                                                                                                                                                                        |                               |                                          |                      |
| 48.  | Viking Air Limited (De Havilland)                | DHC-2 Mk I.                                                                                                                                                                                            | A-806                         | CAR 3<br>CAR 10                          | 03-21-2008           |
| 49.  | EXTRA                                            | EA-300, EA-300/S, EA-300/L, EA-300/200.                                                                                                                                                                | A67EU                         | FAR 21.29<br>FAR 23                      |                      |
| 50.  | EXTRA                                            | EA-400.                                                                                                                                                                                                | A43CE                         | FAR 23                                   |                      |
| 51.  | Fairchild Personal Planes Division               | 24R46A (Army UC-61K).                                                                                                                                                                                  | A-706                         | CAR 4a                                   | 08-18-2010           |
| 52.  | Found Aircraft Canada, Inc.                      | FBA-2C2.                                                                                                                                                                                               | A7EA                          | FAR 23<br>FAR 36                         | 08-18-2010           |
| 53.  | GA 8 Airvan (Pty) Ltd<br>(Gippsland Aeronautics) | GA8-TC320.                                                                                                                                                                                             | A00011LA                      | FAR 23                                   | 08-18-2010           |
| 54.  | Great Lakes Aircraft Co., LLC                    | 2T-1A-1, 2T-1A-2.                                                                                                                                                                                      | A18EA                         | FAR 23                                   | 03-21-2008           |
| 55.  | True Flight Holdings LLC,<br>(Grueman American)  | AA-5B. Also AA-5A, with STC SA1186NW.                                                                                                                                                                  | A16EA                         | FAR 23                                   | 08-18-2010           |
| 56.  | Hello Aircraft, LLC                              | H-391, H-391B, H-295, HT-295, H-800.                                                                                                                                                                   | 1A8                           | CAR 3                                    | 08-18-2010           |
| 57.  | Cessna Aircraft Company<br>(Lancair / Columbia)  | LC40-550FG.                                                                                                                                                                                            | A00003SE                      | FAR 23                                   |                      |
| 58.  | Maule Aerospace Technology, Inc.                 | M-4-220, M-4-220C, M-4-220S, M-4-220T, M-5-180C, M-5-200, M-5-210C,<br>M-5-235C, M-6-235, MT-7-235, M-7-235B, M-7-235C, M-7-260, MX-7-180A,<br>MX-7-180B, MX-7-180C, MX-7-180AC, MXT-7-180A, M-7-260C. | 3A23                          | CAR 3                                    | 08-18-2010           |
| 59.  | MICCO Aircraft Co., Inc. (Meyers)                | MAC-145A, MAC-145B.                                                                                                                                                                                    | 3A1                           | CAR 4a                                   | 07-25-2005           |
| 60.  | Interceptor Aircraft Corp.<br>(Meyers/Prop-Jets) | 200B.                                                                                                                                                                                                  | 3A18                          | CAR 3                                    | 04-03-2006           |
| 61.  | Mooney Airplane Co., Inc.                        | M20B, M20C, M20D, M20E, M20F, M20G, M20J, M20K, M20L, M20M, M20R,<br>M20S, M20TN. Also M20K with STC SA5631NM, and M20J, with STC SA00472SE.<br>Also M20E, M20F, and M20J, with STCSA09695AC.          | 2A3                           | CAR 3                                    | 08-06-2010           |
| 62.  | Mooney Airplane Co., Inc.                        | M22.                                                                                                                                                                                                   | A6SW                          | CAR 3                                    |                      |
| 63.  | Moravan a.s. (Zlin)                              | Z-143L, Z-242L.                                                                                                                                                                                        | A76EU                         | FAR 23                                   | 08-18-2010           |
| 64.  | FS 2003 Corp. (Piper)                            | PA-12, PA-12S. Also PA-12, PA-12S, with STC SA4-456.                                                                                                                                                   | A-780                         | CAR 3                                    | 08-18-2010           |
| 65.  | Piper Aircraft, Inc.                             | PA-18 "150," PA-18A "150."                                                                                                                                                                             | 1A2                           | CAR 3                                    | 07-25-2005           |
| 66.  | Piper Aircraft, Inc.                             | PA-22-150.                                                                                                                                                                                             | 1A6                           | CAR 3                                    | 07-25-2005           |
| 67.  | Piper Aircraft, Inc.                             | PA-24, PA-24-250, PA-24-260, PA-24-400.                                                                                                                                                                | 1A15                          | CAR 3                                    | 08-18-2010           |
| 68.  | Piper Aircraft, Inc.                             | PA-25-235.                                                                                                                                                                                             | 2A8                           | CAR 3                                    | 07-25-2005           |
| 69.  | Piper Aircraft, Inc.                             | PA-28-140, PA-28-150, PA-28-151, PA-28-160, PA-28-180, PA-28-181,<br>PA-28R-180, PA-28R-200, PA-28R-201, PA-28RT-201, PA-28-201T, PA-28R-201T,<br>PA-28RT-201T, PA-28-235, PA-28-236.                  | 2A13                          | CAR 3                                    | 08-18-2010           |
| 70.  | Piper Aircraft, Inc.                             | PA-32-260, PA-32-300, PA-32R-300, PA-32S-300, PA-32-301, PA-32R-301 (HP),<br>PA-32-301T, PA-32RT-300T, PA-32R-301T.                                                                                    | A3SO                          | CAR 3                                    | 02-XX-2011           |

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|------|---------------------------------------|---------------------------------------------------------------------------|-------------------------------|------------------------------------------|----------------------|
| 71.  | Piper Aircraft, Inc.                  | PA-36-375.                                                                | A9SO,<br>A10SO                | FAR 23                                   | 03-21-2008           |
| 72.  | Piper Aircraft, Inc.                  | PA-38-112. Also PA-38-112, with STC SE792NW.                              | A18SO                         | FAR 23                                   | 07-24-2006           |
| 73.  | Piper Aircraft, Inc.                  | PA-46-310P, PA-46-350P. Also PA-46-310P with STC SA00380AT                | A25SO                         | FAR 23                                   | 02-XX-2011           |
| 74.  | Revo, Inc. (Colonial/Lake)            | Lake Model 250 and Lake LA-4-200. Also Lake Model 250, with STC SA469NE.  | 1A13                          | CAR 3<br>FAR 23                          | 02-XX-2011           |
| 75.  | Sky International Inc. (Pitts)        | S-2B.                                                                     | A8SO                          | FAR 23                                   | 04-03-2006           |
| 76.  | Ruschmeyer                            | R90-230RG.                                                                | A77EU                         | FAR 21.29                                | 08-18-2010           |
| 77.  | AERMACCHI S.p.A. (SIAI Marchetti)     | F.260C, F.260D.                                                           | A10EU                         | CAR 3<br>FAR 23                          | 08-18-2010           |
| 78.  | Sky Enterprises, Inc. (Republic)      | RC-3. Also RC-3, with STC SA282NW, or SA5734NM.                           | A-769                         | CAR 3                                    | 08-18-2010           |
| 79.  | S.O.C.A.T.A.                          | TB 9, TB 10, TB 20, TB 21, TB 200.                                        | A51EU                         | FAR 21.29                                | 08-18-2010           |
| 80.  | S.O.C.A.T.A.                          | Rallye 235E.                                                              | 7A14                          | CAR 3<br>CAR 10                          | 07-24-2006           |
| 81.  | Swift Museum Foundation, Inc. (Globe) | GC-1B, with Merlyn Products, Inc. STC SA53NW, or MACHen, Inc. STC SA20NW. | A-766                         | CAR 3                                    | 04-03-2006           |
| 82.  | Symphony Aircraft Industries, Inc.    | SA 160.                                                                   | A46CE                         | FAR 23                                   | 08-18-2010           |
| 83.  | Sierra Hotel Aero, Inc. (Navion)      | Navion A, Navion H, Navion B S/N 4-2350-B, with IO-520A(5)ACF Engine.     | A-782                         | CAR 3                                    | 08-18-2010           |
| 84.  | Univair Aircraft Corp. (Stinson)      | 108-3.                                                                    | A-767                         | CAR 3                                    | 07-25-2005           |
| 85.  | Augustair, Inc. (Varga)               | 2150A.                                                                    | 4A19                          | CAR 3                                    | 02-07-2007           |
| 86.  | The Waco Aircraft Company (WACO)      | F-5, F5C, with STC SA1000GL.                                              | ATC 542                       | Aero Bulletin<br>7A                      | 07-25-2005           |

FAA Approved:



Manager, Seattle Aircraft Certification Office

Amended:

07-25-2005; 04-03-2006; 07-24-2006; 02-07-2007; 03-21-2008;  
08-18-2010; 02-14-2011

Reissued:

# Supplemental Type Certificate

Number SA01435SE

*This certificate, issued to*

**J. P. Instruments  
3185 Airway Ave, Suite B  
Costa Mesa, CA 92626-4601**

*certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part \* of the \* Regulations.*

*Original Product—Type Certificate Number:*

*Make:*

*Model:*

\*See attached FAA Approved Model List (AML) No. SA01435SE for a list of approved airplane models and applicable airworthiness regulations.

*Description of the Type Design Change:* Installation of J.P. Instruments (JPI) Primary Engine Data Management System in accordance with JPI Installation Manual for the EDM 900/930, Report 908, dated September 9, 2004, or later FAA approved revision.

*Limitations and Conditions:* Approval of this change in type design applies to the aircraft models listed on the AML only. This approval should not be extended to other aircraft of these models on which other previously approved modifications are incorporated unless it is determined that the relationship between this change and any of those other previously approved modifications, including changes in type design, will introduce no adverse effect upon the airworthiness of that aircraft. A copy of this Certificate, FAA AML No. SA01435SE, and Airplane Flight Manual Supplement EDM-900 and EDM-930, Primary Engine Data Management System, dated December 10, 2004, Document Number 900-0001 and 930-0001 Revision C respectively, or later FAA approved revisions, must be maintained as part of the permanent records for the modified aircraft.

If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.

*This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.*

*Date of application:* November 4, 2002

*Date reissued:*

*Date of issuance:* December 13, 2004

*Date amended:*



*By direction of the Administrator*

*Angelos Xidia*

(Signature)

Acting Manager, Seattle Aircraft  
Certification Office

(Title)

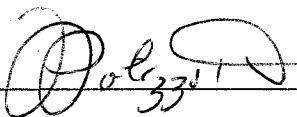
02-14-2011

Subject: Permission to use STC.

To Whom It May Concern:

J.P. Instruments holder of STC SA01435SE  
grants to the purchaser of the  
EDM-930 Primary Engine Data Management System  
permission to use the STC.

Signed

A handwritten signature in black ink, appearing to read "J. Polizzi", is written over a horizontal line.