United States of America

Department of Transportation -- Federal Aviation Administration

# Supplemental Type Certificate

**Number** SA01205WI-D

*This certificate issued to*

Honeywell International Inc.
23500 W. 105th Street
Olathe, KS 66061

*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* 23* *of the* Federal Aviation *Regulations*

*Original Product- -Type Certificate Number:* * See attached FAA Approved Model List
*Make:* * (AML) No. 159-08293-0002 for the list of
*Model:* * approved airplane models and applicable airworthiness regulations.

*Description of Type Design Change:*

Installation of the KMD 250 Multi-Function Display System with Optional Internal VFR GPS and Optional Traffic and Weather Sensors.

REQUIRED DATA:

1. AML No. 159-08293-0002, Revision -, dated 11-14-2003
2. When the Traffic Information Service (TIS) is installed; Airplane Flight Manual Supplement, 006-10315-0000, Revision -, Dated 11-14-2003.

Later FAA approved revisions to the above listed data are incorporated without further revision to this Supplemental Type Certificate.

*Limitations and Conditions:*

1. The installation should not be incorporated in any aircraft unless it is determined that the interrelationship between this installation and any previously approved configuration will not introduce any adverse effect upon the airworthiness of the aircraft.
2. 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:* 5-30-2003

*Date of issuance:* 11-14-2003

*Date reissued:*

*Date amended:* 5-18-2004, 11-20-2007

*By direction of the Administrator*

(Signature)

FOR Chris Durkin
DAS Administrator, DAS-500863-CE

(Title)

Any alteration of this certificate is punishable by a fine of not exceeding $1,000, or imprisonment not exceeding 3 years, or both.



This certificate may be transferred in accordance with FAR 21.47.

United States of America
Department of Transportation -- Federal Aviation Administration

# Supplemental Type Certificate

## (Continuation Sheet)

*Number* SA01205WI-D

***Certification Basis:**

Based on 14 CFR §§ 21.115 and 21.101, and the FAA policy for significant changes in FAA Order 8110.48, the certification basis for this change is as follows:

a. The certification basis for parts **not changed** or **not affected** by this change is shown on the appropriate TCDS of the Models listed on AML Number, 159-08293-0002.

b. The certification basis for parts changed or affected by this change since the date of application is determined to be:

**Regulations at the latest amendment**

| Section | Amdt. |
|---|---|
| 23.251 | 23-45 |
| 23.301 (a), (b), (c), (d) | 23-48 |
| 23.303 | - |
| 23.305 (a), (b) | 23-45 |
| 23.307 (a), (b) | 23-0 |
| 23.337 (a)(1), (b)(1) | 23-48 |
| 23.561 (e) | 23-48 |
| 23.601 | - |
| 23.603 (a), (b) | 23-23 |
| 23.605 (a) | 23-23 |
| 23.607 (a), (b), (c) | 23-48 |
| 23.609 (a), (b) | - |
| 23.611 | 23-48 |
| 23.613 (a), (b)(1)(2),(c),(d), (e) | 23-45 |
| 23.1301 (a), (b), (c), (d) | 23-20 |

| Section | Amdt. |
|---|---|
| 23.1309 (a)(1)(2)(3), (b)(1)(4)(i)(ii), (c)(1), (d), (e) | 23-49 |
| 23.1321 (a) | 23-49 |
| 23.1322 (a), (b), (c), (d), (e) | 23-43 |
| 23.1331 (a) | 23-43 |
| 23.1351 (a)(1)(2)(i) | 23-49 |
| 23.1357 (a), (b), (c), (d) | 23-43 |
| 23.1359 (c) | 23-49 |
| 23.1365 (a), (b), (d), (e) | 23-49 |
| 23.1367 (a), (b), (c), (d) | - |
| 23.1381 (a), (b), (c) | - |
| 23.1431 (a), (b) | 23-49 |
| 23.1501 (a), (b) | 23-21 |
| 23.1525 | 23-45 |
| 23.1529 | 23-26 |
| 23.1541 (a)(2), (b)(1)(2) | 23-21 |

**Regulations at an intermediate amendment**

none

**Regulations at the amendment level shown on TCDS**

none

# FAA Approved Model List (AML)

Honeywell International Inc.

for the *Bendix/King*

KMD 250 Multi-Function Display System

with Optional Traffic and Weather Sensors

SA01205WI-D

| Item | Aircraft | | | Original Type Certificate Number | Certification Basis for design change (See Note 1) | Master Drawing List and Flight Manual Supplement | AML AMDT Date |
|---|---|---|---|---|---|---|---|
| | Make | Model | Serial Number Effectivity | | | | |
| 1. | Aerostar | PA-60-600, PA-60-601, PA-60-601P, PA-60-602P PA-60-700P | | A17WE | 14 CFR Part 23 Amdt 23-1 thru 23-54 | See Note 2 | 11/14/03 |
| 2. | Beech | 35-B33, 35-C33, 35-C33A, E33, E33A, E33C, F33, F33A, F33C, G33, K35, M35, N35, P35, S35, V35, V35A, 35B, 36, A36, A36TC, B36TC | | 3A15 | 14 CFR Part 23 Amdt 23-1 thru 23-54 | See Note 2 | 11/14/03 |
| 3. | Beech | 95-55, 95-A55, 95-B55, 95-B55A, 95-B55B (T-42A), 95-C55, 95-C55A, D55, D55A, E55, E55A, 56TC, A56TC, 58, 58A | | 3A16 | 14 CFR Part 23 Amdt 23-1 thru 23-54 | See Note 2 | 11/14/03 |
| 4. | Beech | 58P, 58PA, 58TC, 58TCA | | A23CE | 14 CFR Part 23 Amdt 23-1 thru 23-54 | See Note 2 | 11/14/03 |
| 5. | Beech | 60, A60, B60 | | A12CE | 14 CFR Part 23 Amdt 23-1 thru 23-54 | See Note 2 | 11/14/03 |
| 6. | Cessna | 150A, 150B, 150C, 150D, 150E, 150F, 150G, 150H, 150J, 150K, A150K, 150L, A150L, 150M, A150M, 152, A152 | | 3A19 | 14 CFR Part 23 Amdt 23-1 thru 23-54 | See Note 2 | 11/14/03 |

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Honeywell International Inc.

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KMD 250 Multi-Function Display System

with Optional Traffic and Weather Sensors

SA01205WI-D

| Item | Aircraft | | | Original Type Certificate Number | Certification Basis for design change (See Note 1) | Master Drawing List and Flight Manual Supplement | AML AMDT Date |
|---|---|---|---|---|---|---|---|
| | Make | Model | Serial Number Effectivity | | | | |
| 7. | Cessna | 172E, 172F, 172G, 172H, 172I, 172K, 172L, 172M, 172N, 172P, 172Q, 172R, 172S | | 3A12 | 14 CFR Part 23 Amdt 23-1 thru 23-54 | See Note 2 | 11/14/03 |
| 8. | Cessna | 172RG | | 3A17 | 14 CFR Part 23 Amdt 23-1 thru 23-54 | See Note 2 | 11/14/03 |
| 9. | Cessna | 177, 177A, 177B | | A13CE | 14 CFR Part 23 Amdt 23-1 thru 23-54 | See Note 2 | 11/14/03 |
| 10. | Cessna | 177RG | | A20CE | 14 CFR Part 23 Amdt 23-1 thru 23-54 | See Note 2 | 11/14/03 |
| 11. | Cessna | 180H, 180J, 180K | | 5A6 | 14 CFR Part 23 Amdt 23-1 thru 23-54 | See Note 2 | 11/14/03 |
| 12. | Cessna | 182E, 182F, 182G, 182H, 182J, 182K, 182L, 182M, 182N, 182P, 182Q, 182R, R182, T182, TR182, 182S, 182T, T182T | | 3A13 | 14 CFR Part 23 Amdt 23-1 thru 23-54 | See Note 2 | 11/14/03 |
| 13. | Cessna | 185D, 185E, A185E, A185F | | 3A24 | 14 CFR Part 23 Amdt 23-1 thru 23-54 | See Note 2 | 11/14/03 |

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SA01205WI-D

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|---|---|---|---|---|---|---|---|
| | Make | Model | Serial Number Effectivity | | | | |
| 14. | Cessna | 206, P206, P206A, P206B, P206C, P206D, P206E, U206, U206A, 206H, U206B, U206C, U206E, U206F, U206G, TP206A, TP206B, TP206C, T206H, TP206D, TP206E, TU206A, TU206B, TU206C, TU206D, TU206E, TU206F, TU206G | | A4CE | 14 CFR Part 23 Amdt 23-1 thru 23-54 | See Note 2 | 11/14/03 |
| 15. | Cessna | 207, T207, 207A, T207A | | A16CE | 14 CFR Part 23 Amdt 23-1 thru 23-54 | See Note 2 | 11/14/03 |
| 16. | Cessna | 210, 210-5 (205), 210-5A (205A), 210A, 210B, 210C, 210D, 210E, 210F, T210F, 210G, T210G, 210H, T210H, 210J, T210J, 210K, T210K, 210L, T210L, 210M, T210M, 210N, T210N, P210N, 210R, T210R, P210R | | 3A21 | 14 CFR Part 23 Amdt 23-1 thru 23-54 | See Note 2 | 11/14/03 |
| 17. | Cessna | 310, 310A, 310B, 310C, 310D, 310E, 310F, 310G, 310H, E310H, 310I, 310J, 310J-1, 310K, 310L, 310N, 310P, T310P, 310Q, T310Q, 310R, T310R | | 3A10 | 14 CFR Part 23 Amdt 23-1 thru 23-54 | See Note 2 | 11/14/03 |

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SA01205WI-D

| Item | Aircraft | | | Original Type Certificate Number | Certification Basis for design change (See Note 1) | Master Drawing List and Flight Manual Supplement | AML AMDT Date |
|---|---|---|---|---|---|---|---|
| | Make | Model | Serial Number Effectivity | | | | |
| 18. | Cessna | 320, 320-1, 320A, 320B, 320C, 320D, 320E, 320F | | 3A25 | 14 CFR Part 23 Amdt 23-1 thru 23-54 | See Note 2 | 11/14/03 |
| 19. | Cessna | 335 | | 3A25 | 14 CFR Part 23 Amdt 23-1 thru 23-54 | See Note 2 | 11/14/03 |
| 20. | Cessna | 336 | | A2CE | 14 CFR Part 23 Amdt 23-1 thru 23-54 | See Note 2 | 11/14/03 |
| 21. | Cessna | 337, 337A, 337B, M337B, T337B, 337C, T337C, 337D, T337D, 337E, T337E, 337F, T337F, 337G, T337G, 337H, P337H, T337H, T337H-SP | | A6CE | 14 CFR Part 23 Amdt 23-1 thru 23-54 | See Note 2 | 11/14/03 |
| 22. | Cessna | 340, 340A | | 3A25 | 14 CFR Part 23 Amdt 23-1 thru 23-54 | See Note 2 | 11/14/03 |
| 23. | Cessna | 401, 401A, 401B, 402, 402A, 402B, 402C, 411, 411A, 414, 414A, 421, 421A, 421B, 421C, 425 | | A7CE | 14 CFR Part 23 Amdt 23-1 thru 23-54 | See Note 2 | 11/14/03 |
| 24. | Cessna | 404, 406 | | A25CE | 14 CFR Part 23 Amdt 23-1 thru 23-54 | See Note 2 | 11/14/03 |
| 25. | Cessna | 441 | | A28CE | 14 CFR Part 23 Amdt 23-1 thru 23-54 | See Note 2 | 11/14/03 |

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| Item | Aircraft | | | Original Type Certificate Number | Certification Basis for design change (See Note 1) | Master Drawing List and Flight Manual Supplement | AML AMDT Date |
|---|---|---|---|---|---|---|---|
| | Make | Model | Serial Number Effectivity | | | | |
| 26. | Cessna | 208, 208A, 208B | | A37CE | 14 CFR Part 23 Amdt 23-1 thru 23-54 | See Note 2 | 11/14/03 |
| 27. | Commander Aircraft | 112, 112TC, 112B, 112TCA, 114, 114A, 114B, 114TC | | A12SO | 14 CFR Part 23 Amdt 23-1 thru 23-54 | See Note 2 | 11/14/03 |
| 28. | DeHavilland Bombardier | DHC-2 Mark I, DHC-2 Mark II, DHC-2 Mark III | | A-806 | 14 CFR Part 23 Amdt 23-1 thru 23-54 | See Note 2 | 11/14/03 |
| 29. | Gippsland Aeronautics | GA8 | | A00011LA | 14 CFR Part 23 Amdt 23-1 thru 23-54 | See Note 2 | 03/17/06 |
| 30. | Mooney | M20, M20A, M20B, M20C, M20D, M20E, M20F, M20G, M20J, M20K, M20L, M20M, M20R, M20S | | 2A3 | 14 CFR Part 23 Amdt 23-1 thru 23-54 | See Note 2 | 11/14/03 |
| 31. | Piper | PA-23, PA-23-160, PA-23-235, PA-23-250, PA-E23-250 | | 1A10 | 14 CFR Part 23 Amdt 23-1 thru 23-54 | See Note 2 | 11/14/03 |

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| Item | Aircraft | | | Original Type Certificate Number | Certification Basis for design change (See Note 1) | Master Drawing List and Flight Manual Supplement | AML AMDT Date |
|---|---|---|---|---|---|---|---|
| | Make | Model | Serial Number Effectivity | | | | |
| 32. | Piper | PA-28-140, PA-28-150, PA-28-151, PA-28-160, PA-28-161, PA-28-180, PA-28-235, PA-28S-160, PA-28R-180, PA-28S-180, PA-28-181, PA-28R-200, PA-28R-201, PA28R-201T, PA-28RT-201, PA-28RT-201T, PA-28-201T, PA-28-236 | | 2A13 | 14 CFR Part 23 Amdt 23-1 thru 23-54 | See Note 2 | 11/14/03 |
| 33. | Piper | PA-30, PA-39, PA-40 | | A1EA | 14 CFR Part 23 Amdt 23-1 thru 23-54 | See Note 2 | 11/14/03 |
| 34. | Piper | PA-31, PA-31-300, PA-31-325, PA-31-350 | | A20SO | 14 CFR Part 23 Amdt 23-1 thru 23-54 | See Note 2 | 11/14/03 |
| 35. | Piper | PA-32R-300 PA-32R-301(SP), PA-32R-301(HP), PA-32R-301T, PA-32-301, PA-32-301T | | A3SO | 14 CFR Part 23 Amdt 23-1 thru 23-54 | See Note 2 | 10/23/07 |
| 36. | Piper | PA-34-200, PA-34-200T, PA-34-220T | | A7SO | 14 CFR Part 23 Amdt 23-1 thru 23-54 | See Note 2 | 11/14/03 |
| 37. | Piper | PA-44-180, PA-44-180T | | A19SO | 14 CFR Part 23 Amdt 23-1 thru 23-54 | See Note 2 | 11/14/03 |

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| Item | Aircraft | | | Original Type Certificate Number | Certification Basis for design change (See Note 1) | Master Drawing List and Flight Manual Supplement | AML AMDT Date |
|---|---|---|---|---|---|---|---|
| | Make | Model | Serial Number Effectivity | | | | |
| 38. | Piper | PA-46-310P, PA-46-350P | | A25SO | 14 CFR Part 23 Amdt 23-1 thru 23-54 | See Note 2 | 11/14/03 |
| 39. | Socata | TB9, TB 10, TB20, TB21, TB200 | | A51EU | 14 CFR Part 23 Amdt 23-1 thru 23-54 | See Note 2 | 11/14/03 |

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SA01205WI-D

Note 1: To comply with the airworthiness requirements in effect on the date of application for this project, the certification basis for each design change is shown. These requirements will be applied regardless of the original certification basis of the airplane (CAR 3 or FAR 23.)

Note 2: Master Drawing List 159-08293-0001, Rev. A dated 10-20-2003.
If the TIS option is installed, Airplane Flight Manual Supplement 006-10315-0000, Rev. – dated 11-14-2003.
Later FAA Approved revisions to the above data are incorporated without revision to this Approved Model List.