

Honeywell

Honeywell International Inc.
15001 N.E. 36 Street
Redmond, Washington 98052-5317
U.S.A.
CAGE: 97896
Telephone: (800) 601-3099 (Toll Free U.S.A./Canada)
Telephone: (602) 365-3099 (International Direct)
Telephone: 00-800-601-30999 (EMEA Toll Free)
Telephone: 420-234-625-500 (EMEA Direct)

Web site: <http://portal.honeywell.com/wps/portal/aero>

SERVICE INFORMATION LETTER

Terrain Database 458 and Envelope Modulation Database B07 for MK VII Enhanced Ground Proximity Warning System (EGPWS), PN 965-1076-0XX-XXX-XXX

Legal Notice

Export Control

This document contains technical data and is subject to U.S. export regulations. These commodities, technology, or software were exported from the United States in accordance with the export administration regulations. Diversion contrary to U.S. law is prohibited.

ECCN: 7E994, NLR eligible.

Proprietary Information

Honeywell - Confidential

THIS COPYRIGHTED WORK AND ALL INFORMATION ARE THE PROPERTY OF HONEYWELL INTERNATIONAL INC., CONTAIN TRADE SECRETS AND MAY NOT, IN WHOLE OR IN PART, BE USED, DUPLICATED, OR DISCLOSED FOR ANY PURPOSE WITHOUT PRIOR WRITTEN PERMISSION OF HONEYWELL INTERNATIONAL INC. ALL RIGHTS RESERVED.

Honeywell Materials License Agreement

The documents and information contained herein ("the Materials") are the proprietary data of Honeywell International Inc. and Honeywell Intellectual Properties Inc. (collectively "Honeywell"). These Materials are provided for the exclusive use of Honeywell Service Centers; Honeywell-authorized repair facilities; operators of Honeywell aerospace products subject to an applicable product support agreement, their wholly owned-sub-sidiaries or a formally designated third party service provider; and direct recipients of Materials from Honeywell's Aerospace Technical Publication Distribution. The terms and conditions of this License Agreement govern your use of these Materials, except to the extent that any terms and conditions of another applicable agreement with Honeywell regarding the operation, maintenance, or repair of Honeywell aerospace products conflict with the terms and conditions of this License Agreement, in which case the terms and conditions of the other agreement will govern. However, this License Agreement will govern in the event of a conflict between its terms and conditions and those of a purchase order or acknowledgement.

1. License Grant - If you are a party to an applicable product support agreement, a Honeywell Service Center agreement, or an authorized repair facility agreement, Honeywell hereby grants you a limited, non-exclusive license to use these Materials to operate, maintain, or repair Honeywell aerospace products only in accordance with that agreement.

Honeywell

SERVICE INFORMATION LETTER

If you are a direct recipient of these Materials from Honeywell's Aerospace Technical Publication Distribution and are not a party to an agreement related to the operation, maintenance or repair of Honeywell aerospace products, Honeywell hereby grants you a limited, non-exclusive license to use these Materials to maintain or repair the subject Honeywell aerospace products only at the facility to which these Materials have been shipped ("the Licensed Facility"). Transfer of the Materials to another facility owned by you is permitted only if the original Licensed Facility retains no copies of the Materials and you provide prior written notice to Honeywell.

2. Rights In Materials - Honeywell retains all rights in these Materials and in any copies thereof that are not expressly granted to you, including all rights in patents, copyrights, trademarks, and trade secrets. No license to use any Honeywell trademarks or patents is granted under this License Agreement.

3. Confidentiality - You acknowledge that these Materials contain information that is confidential and proprietary to Honeywell. You agree to take all reasonable efforts to maintain the confidentiality of these Materials.

4. Assignment And Transfer - This License Agreement may be assigned to a formally designated service designee or transferred to a subsequent owner or operator of an aircraft containing the subject Honeywell aerospace products. However, the recipient of any such assignment or transfer must assume all of your obligations under this License Agreement. No assignment or transfer shall relieve any party of any obligation that such party then has hereunder.

5. Copies of Materials - Unless you have the express written permission of Honeywell, you may not make or permit making of copies of the Materials. Notwithstanding the foregoing, you may make copies of only portions of the Material for your internal use. You agree to return the Materials and any copies thereof to Honeywell upon the request of Honeywell.

6. Term - This License Agreement is effective until terminated as set forth herein. This License Agreement will terminate immediately, without notice from Honeywell, if you fail to comply with any provision of this License Agreement or will terminate simultaneously with the termination or expiration of your applicable product support agreement, authorized repair facility agreement, or your formal designation as a third party service provider. Upon termination of this License Agreement, you will return these Materials to Honeywell without retaining any copies and will have one of your authorized officers certify that all Materials have been returned with no copies retained.

7. Remedies - Honeywell reserves the right to pursue all available remedies and damages resulting from a breach of this License Agreement.

8. Limitation of Liability - Honeywell does not make any representation regarding the use or sufficiency of the Materials. THERE ARE NO OTHER WARRANTIES, WHETHER WRITTEN OR ORAL, EXPRESS, IMPLIED OR STATUTORY, INCLUDING, BUT NOT LIMITED TO, (i) WARRANTIES ARISING FROM COURSE OF PERFORMANCE, DEALING, USAGE, OR TRADE, WHICH ARE HEREBY EXPRESSLY DISCLAIMED, OR (ii) WARRANTIES AGAINST INFRINGEMENT OF INTELLECTUAL PROPERTY RIGHTS OF THIRD PARTIES, EVEN IF HONEYWELL HAS BEEN ADVISED OF ANY SUCH INFRINGEMENT. IN NO EVENT WILL HONEYWELL BE LIABLE FOR ANY INCIDENTAL DAMAGES, CONSEQUENTIAL DAMAGES, SPECIAL DAMAGES, INDIRECT DAMAGES, LOSS OF PROFITS, LOSS OF REVENUES, OR LOSS OF USE, EVEN IF INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. TO THE EXTENT PERMITTED BY APPLICABLE LAW, THESE LIMITATIONS AND EXCLUSIONS WILL APPLY REGARDLESS OF WHETHER LIABILITY ARISES FROM BREACH OF CONTRACT, WARRANTY, TORT (INCLUDING BUT NOT LIMITED TO NEGLIGENCE), BY OPERATION OF LAW, OR OTHERWISE.

9. Controlling Law - This License shall be governed and construed in accordance with the laws of the State of New York without regard to the conflicts of laws provisions thereof. This license sets forth the entire agreement between you and Honeywell and may only be modified by a writing duly executed by the duly authorized representatives of the parties.

Honeywell

SERVICE INFORMATION LETTER

Copyright - Notice

Copyright 2010 Honeywell International Inc. All rights reserved.

Honeywell, SmartLanding, and SmartRunway are registered trademarks of Honeywell International Inc.

All other marks are owned by their respective companies.

Honeywell

SERVICE INFORMATION LETTER

Transmittal Information

Publication Number D201005000005

Summary

This revision is a FULL replacement. This revision includes the changes that follow:

- Added dash number, -232-232, to the applicable MK VII EGPWS part numbers, in Table 2.

Revision History

This service information letter has had one revision(s) as shown in Table 1.

Table 1. Revision History

Revision Number	Revision Date
0	18 Jun 2010
1	2 Aug 2010

Honeywell

SERVICE INFORMATION LETTER

1. **General Information**

A. **Effectivity**

- (1) When used with the data in this service information letter, the instructions in Service Bulletin, ATA Number 965-1076-34-82 (Publication Number 012-0702-182), are applicable to the MK VII EGPWS with the part numbers identified in Table 2.

Table 2. Applicable MK VII EGPWS Part Numbers

965-1076-001	965-1076-020	965-1076-030	965-1076-040	965-1076-060
-202-202	-206-206	-213-213	-202-202	-222-222
-204-204	-208-208	-214-214	-204-204	-224-224
-206-206	-210-210	-216-216	-206-206	-226-226
-208-208	-212-212	-217-217	-208-208	-228-228
-210-210	-213-213	-218-218	-210-210	-230-230
-212-212	-214-214	-219-219	-212-212	-232-232
-213-213	-216-216	-220-220	-213-213	
-214-214	-217-217	-222-222	-214-214	
-216-216	-218-218	-224-224	-216-216	
-217-217	-219-219	-226-226	-217-217	
-218-218	-220-220	-228-228	-218-218	
-219-219	-222-222	-230-230	-219-219	
-220-220	-224-224	-232-232	-220-220	
-222-222	-226-226		-222-222	
-224-224	-228-228		-224-224	
-226-226	-230-230		-226-226	
-228-228	-232-232		-228-228	
-230-230			-230-230	
-232-232			-232-232	

NOTE: Unless identified in Paragraph 1.E.(1), the software and configuration modification status (e.g. -204 MOD X-204 MOD X) does not have an effect on the effectivity of this service information letter.

- (2) Terrain database (TDB) 458 and envelope modulation database B07 are installed by the factory in the MK VII EGPWS at Serial Number 5070 and higher.

Honeywell

SERVICE INFORMATION LETTER

B. Reason

(1) Description

- (a) This service information letter is used with Service Bulletin, ATA Number 965-1076-34-82 (Publication Number 012-0702-182), which gives the procedure to install a terrain database and an envelope modulation database in a MK VII EGPWS.
- (b) This service information letter gives data about the terrain database 458 and envelope modulation database B07 for the MK VII EGPWS. It also gives other data that completes the instructions in Service Bulletin, ATA Number 965-1076-34-82 (Publication Number 012-0702-182).
- (2) The changes from terrain database 457 to terrain database 458 are identified below.
- (a) Added the airports identified below:
- 1 Africa
- DN03 Jalingo, Nigeria
 - FASY Syferfontein, S Afr Rep
 - FD01 Sikhuphe International (INTL), Swaziland.
- 2 Asia
- ZLGY Guyuan/Liupanshan, China
 - ZUAL Ali, China.
- 3 Eastern Europe
- EPKA Maslow, Poland
 - ULAH Vaskovo, Russia
 - ULNR Staraya Russa, Russia
 - ULWW Vologda, Russia
 - URKG Gelendzhik, Russia
 - URMS Magas, Russia
 - URRT Yuzhny, Russia
 - USHU Uray, Russia
 - USKK Pobedilovo, Russia
 - UUOT Donskoye, Russia
 - UUYP Pechora, Russia
 - UUYW Vorkuta, Russia
 - UWKB Bugulma, Russia
 - UWPS Saransk, Russia
 - XUBS Smolensk North, Russia.
- 4 Europe
- BGAA Aasiaat, Greenland
 - BGCO Nerlerit Inaat, Greenland
 - BGDB Daneborg, Greenland
 - BGDH Danmarkshavn, Greenland

Honeywell

SERVICE INFORMATION LETTER

- BGGH Nuuk, Greenland
- BGJN Ilulissat, Greenland
- BGMQ Maniitsoq, Greenland
- BGPT Paamiut, Greenland
- BGQQ Qaanaaq, Greenland
- BGSS Sisimiut, Greenland
- BGUK Upernavik, Greenland
- BGUQ Qaarsut, Greenland
- EGBK Sywell, UK.

5 Latin America

- MKTP Tinson Pen, Jamaica
- MTJA Jacmel, Haiti.

6 Middle East

- OEAO Prince Abdulmajeed Bin Abdulaz, Saudi Arabia
- OOAD Adam, Oman.

7 North America

- B21 Sugarloaf Regional (REGL), USA
- B25 Harrold, USA
- B70 Tiber Dam, USA
- CCL3 Christina Lake, Canada
- CPM3 Pourvoirie Mirage, Canada
- X04 Orlando Apopka, USA.

8 South America

- BAL Balcarce, Argentina
- SWRL Fazenda Pouso Redondo, Brazil.

9 South Pacific

- NTGI Manihi, French Pacific O.T. Is.

(b) Changed the data for the runways identified below:

1 Africa

- DFEG RW 05/23 Gorom-Gorom, Burkina Faso
- DFOG RW 06/24 Amilcar Cabral De Gaoua, Burkina Faso
- DFOR RW 05/23 Orodara, Burkina Faso
- FBSK RW 08/26 Sir Seretse Khama INTL, Botswana
- FZSA RW 13L/31R Kamina Base, Democratic Republic Of The Congo
- FZSA RW 13R/31L Kamina Base, Democratic Republic Of The Congo
- FZSB RW 11/29 Kamina, Democratic Republic Of The Congo
- GFBO RW 04/22 Bo, Sierra Leone
- GLNA RW 16/34 Lamco, Liberia

Honeywell

SERVICE INFORMATION LETTER

- HTBU RW 13/31 Bukoba, Tanzania
- HTZA RW 18/36 Kisauni, Tanzania.

2 Europe

- LICP RW 17/35 Boccadifalco, Italy.

3 Latin America

- MNCI RW 03/21 Corn Island, Nicaragua.

4 Middle East

- VAND RW 10/28 Nanded, India
- VIJO RW 05/23 Jodhpur Air Base (AB), India
- VOBR RW 02/20 Bidar, India
- VOBR RW 08/26 Bidar, India.

5 North America

- 2K3 RW 17/35 Stanton County (CO) Municipal (MUN), USA
- 3P3 RW 10/28 Mott MUN, USA
- CRB5 RW 12/30 Riviere Bell, Canada
- CYHE RW 07/25 Hope, Canada
- KORD RW 14R/32L Chicago-O'hare INTL, USA
- Z91 RW 16/34 Birch Creek, Alaska.

6 South America

- SAOU RW 01/19 Brig. Mayor D. Cesar Raul Ojed, Argentina
- SBVG RW 04/22 Maj Brigadeiro Trompowsky, Brazil.

7 South Pacific

- BEVY RW 01/19 Beverley, Australia
- WAOP RW 16/34 Tjilik Riwut, Indonesia.

(c) Added the data for the new runways identified below:

1 Africa

- FGBT RW 03/21 Bata, Eq Guinea.

2 Eastern Europe

- EPPB RW 10L/28R Bednary, Poland.

3 Middle East

- LLNV RW 07/25 Nevatim AB, Israel
- OPQT RW 13R/31L Samungli, Pakistan.

4 North America

- KLEX RW 09/27 Blue Grass, USA
- KSTP RW 09/27 St Paul Downtown-Holman, USA
- KSTP RW 13/31 St Paul Downtown-Holman, USA.

5 Pacific

- RJTT RW 05/23 Tokyo (Haneda) INTL, Japan.

Honeywell

SERVICE INFORMATION LETTER

- (d) Used the data as of 19 April 2010 to change all of the airport data.

NOTE: The International Civil Aviation Organization (ICAO) code changes and the runway identification (ID) changes do not have an effect on the usual EGPWS functions (non-runway awareness and alerting system [RAAS] functions). These changes are not identified in this service information letter. Go to the EGPWS web site (<http://www.honeywell.com/sites/aero/Egpws-Home.htm>) for more airport and runway data. The web site address is case-sensitive.

- (e) Added and changed the terrain data for the locations identified below:

1 Africa

- DGSJ Kumasi, Ghana
- DNIX Kainji, Nigeria
- FLEB East Two, Zambia
- FLKY Kasaba Bay, Zambia
- FWUU Mzuzu, Malawi
- FYKM Katima Mulilo, Namibia
- FZBA Inongo, Democratic Republic Of The Congo
- FZBH Isongo, Democratic Republic Of The Congo
- FZOA Kindu, Democratic Republic Of The Congo
- FZWR Kisengwa, Democratic Republic Of The Congo
- HABC Baco, Ethiopia
- HTBU Bukoba, Tanzania
- HTMU Musoma, Tanzania
- HTMW Mwanza, Tanzania
- HTSH Sao Hill, Tanzania
- HUMJ Masindi, Uganda.

2 North America

- 2O1 Gansner, USA
- 3Q0 Mina, USA
- A34 Dayton Valley, USA
- KCPU Calaveras CO-Rasmussen, USA
- KCXP Carson, USA
- KGOO Nevada CO, USA
- KHTH Hawthorne Industrial, USA
- KMEV Minden-Tahoe, USA
- KPVF Placerville, USA
- KRNO Reno/Tahoe INTL, USA
- KRTS Reno/Stead, USA
- KSPZ Silver Springs, USA
- KTRK Truckee-Tahoe, USA
- KTVL Lake Tahoe, USA

Honeywell

SERVICE INFORMATION LETTER

- M45 Alpine CO, USA
- N58 Tiger, USA
- N59 Rosaschi, USA
- NV33 Farias Wheel, USA
- NV72 Sweetwater, USA
- NVH1 Wichman, USA
- O02 Nervino, USA
- O22 Columbia, USA
- O43 Yerington MUN, USA
- O57 Bryant, USA
- O61 Cameron, USA.

3 South America

- SKLG Caucaya, Colombia.

4 South Pacific

- AYPY Jacksons, Papua New Guinea
- MLU Malalaua, Papua New Guinea
- WAWW Wolter Monginsidi, Indonesia.

(f) Added higher resolution terrain data for the locations identified below:

1 Europe

- LIQS Ampugnano, Italy.

2 South America

- SAWH Malvinas Argentinas, Argentina
- SAZY Aviator C. Campos, Argentina.

(g) Added new obstacle data as identified below:

- Updated North American obstacles with the latest National Aeronautical Charting Office, Direction of Flight (NACO DOF) data
- Updated European obstacles with the latest Skyforce data
- Correct obstacle elevation errors near LSZS Samedan, Switzerland.

(h) Added 66 airports to the RAAS function.

NOTE: Go to the EGPWS web site (<http://www.honeywell.com/sites/aero/Egpws-Home.htm>) and click on the RAAS link for more coverage data. The web site address is case-sensitive.

(i) The runway identifier was changed for the runways identified in Table 3. The airports are still valid for RAAS.

Table 3. Runways With Changed Identifiers

City Name	ICAO	Airport Name	RW ID	Old ID
Alexandria	KESF	Alexandria Esler REGL	RW09	RW08
Alexandria	KESF	Alexandria Esler REGL	RW27	RW26
Kavala	LGKV	Megas Alexandros	RW05R	RW05L

Honeywell

SERVICE INFORMATION LETTER

Table 3. Runways With Changed Identifiers (Cont)

City Name	ICAO	Airport Name	RW ID	Old ID
Kavala	LGKV	Megas Alexandros	RW23L	RW23R
Merida	MMMD	Lic Manuel Crecencio Rejon	RW18	RW17
Merida	MMMD	Lic Manuel Crecencio Rejon	RW36	RW35
San luis	SAOU	Brig. Mayor D. Cesar Raul Ojed	RW01	RW18
San luis	SAOU	Brig. Mayor D. Cesar Raul Ojed	RW19	RW36
Petrozavodsk	ULPB	Besovets	RW01	RW02
Petrozavodsk	ULPB	Besovets	RW19	RW20
Shanghai	ZSSS	Hongqiao	RW18L	RW18
Shanghai	ZSSS	Hongqiao	RW36R	RW36

- (j) Removed the RAAS function from the 10 airports identified in Table 4.

NOTE: The airports were removed because a check of the changes is necessary.

Table 4. Airports With RAAS Function Removed

City Name	ICAO Identifier	Airport Name
Alton-St Louis	KALN	St Louis REGL
Zagreb	LDZA	Pleso
Pamplona	LEPP	Pamplona
Cadiz	LERT	Rota Navy
Taif	OETF	Taif
Wejh	OEWJ	Wejh
Campinas	SBKP	Viracopos INTL
Rio Branco	SBRB	Placido De Castro
Sao Luis	SBSL	Marechal Cunha Machado INTL
Guwahati	VEGT	Guwahati

- (k) Speak to a person at the telephone numbers identified below for more data about the terrain database or envelope modulation database:

Flight Support Services

Telephone: (888) 634-3330 (U.S.A.)

Telephone: (425) 885-8100 (International)

Honeywell

SERVICE INFORMATION LETTER

C. References

- (1) The document that follows is necessary to install the terrain database 458 and the envelope modulation database B07. Unless specified differently, you can use subsequent revisions.
 - Service Bulletin, ATA Number 965-1076-34-82 (Publication Number 012-0702-182), MK VII Enhanced Ground Proximity Warning System (EGPWS), Part Number 965-1076-0XX-XXX-XXX; Install a Terrain Database and an Envelope Modulation Database, Revision 0.
- (2) The documents that follow can possibly be necessary to install the terrain database 458 and the envelope modulation database B07. Refer to Paragraph 1.E.(1). Unless specified differently, you can use subsequent revisions.
 - Service Bulletin, ATA Number 965-1076-0XX-34-05 (Publication Number 012-0702-105), Increase Flash Memory Capacity and Reprogram U44, U50 To Fix Address Coding Conflict, Revision 0
 - Service Bulletin, ATA Number 965-1076-XXX-34-49 (Publication Number 012-0702-149), Update To Application Software Versions 206.3, 208.3, 210.2, 212.2, 213.2, 214.2, 216.2, 217.1, Revision 3.
- (3) The documents that follow are recommended but not necessary to do this modification. Unless specified differently, you can use subsequent revisions.
 - Service Bulletin, ATA Number 965-1076-34-70 (Publication Number 012-0702-170), Update MKVII EGPWS With terrain database, Version 443 and envelope modulation database Version B06, Revision 1
 - Service Information Letter, Publication Number EGPWS-MKV-MKVII-52, Terrain Database Media Requirements, Revision 2.

D. Summary

- (1) Not applicable.

E. Action

(1) Concurrent Requirements

- (a) Modifications identified below must be done before the terrain database 458 and envelope modulation database B07 are installed.

1 Hardware modifications:

- For the EGPWS, PN 965-1076-001 only, Service Bulletin, ATA Number 965-1076-0XX-34-05 (Publication Number 012-702-105), which installs hardware MOD 2.

NOTE: An XX shown in an ATA number is part of the document number and does not identify different configurations.

- For the EGPWS, PN 965-1076-040 only, Service Bulletin, ATA Number 965-1076-0XX-34-05 (Publication Number 012-702-105), which installs hardware MOD 2.
- For all other EGPWS part numbers: none.

Honeywell

SERVICE INFORMATION LETTER

2 Software modifications:

- For the EGPWS part numbers identified in Table 5 the software modification status must be as identified or higher except as noted.

Table 5. Software Modification Concurrent Requirements

PN	Software MOD Level
965-1076-0XX-206-206	MOD 3 ¹
965-1076-0XX-208-208	MOD 3 ¹
965-1076-0XX-210-210	MOD 2 ¹
965-1076-0XX-211-211	MOD 1 ¹
965-1076-0XX-212-212	MOD 2 ¹
965-1076-0XX-213-213	MOD 2 ¹
965-1076-0XX-214-214	MOD 2 ¹
965-1076-0XX-216-216	MOD 2 ¹
965-1076-0XX-217-217	MOD 1 ¹
965-1076-0XX-230-230	MOD 1 ²

NOTES:

1. As necessary, use Service Bulletin, ATA Number 965-1076-XXX-34-49 (Publication Number 012-0702-149) to install the applicable software modification.
2. This software MOD level is only required if the unit being updated has SmartLanding and/or SmartRunway enabled. A service bulletin for this software MOD level is currently unavailable. This document will be revised to reference the applicable service bulletin when it becomes available.

(2) **Material Information**

(a) Material - Price and Availability

- 1 Speak to Honeywell personnel at the location identified below for the necessary documentation, applicable material prices, available parts, and supply times:

Honeywell
Global Customer Care Center
Telephone: (800) 757-8999 (U.S.A.)
Telephone: (913) 782-0400 or (913) 712-0400 (International)
Fax: (913) 712-1335
Email: brga.css.olathe@honeywell.com

NOTE: Identified Global Material Services (GMS) users can make an order for the material at <http://www.avionicservices.com/gms/login>. Customers who are not yet identified GMS users can use the same address to apply for identification.

Honeywell

SERVICE INFORMATION LETTER

- 2 The data below identifies the cost to install the terrain database 458 and the envelope modulation database B07.
- a This modification can be done at a Honeywell Service Center or Honeywell-authorized repair location. The customer must send the EGPWS to a Honeywell Service Center or Honeywell-authorized repair location.
- The fixed price to do the modification at a Honeywell Service Center or Honeywell-authorized repair location is US\$400.00 for each EGPWS. This price is applicable during the catalog year (from January 1 to midnight December 31) that this service information letter is released or revised. The price for an order that is received after this time is given at the time of the order. The price includes material, labor, and all shop costs to do this modification. The price does not include repairs that are not related but necessary to put the EGPWS in a condition of airworthiness.
- b A customer can send their blank 64 megabyte (MB) Personal Computer Memory Card International Association (PCMCIA) card to a Honeywell Service Center or Honeywell-authorized repair location. The Honeywell Service Center or Honeywell-authorized repair location installs the applicable new terrain database and the envelope modulation database. The customer must specify the terrain database 458.
- The fixed price to install the databases on a blank PCMCIA card is US\$150.00 for each blank PCMCIA card. This price is applicable during the catalog year (from January 1 to midnight December 31) that this service information letter is released or revised. The price for an order that is received after this time is given at the time of the order.
- c A customer can send their PCMCIA card with a different terrain database and envelope modulation database to a Honeywell Service Center or Honeywell-authorized repair location. The Honeywell Service Center or Honeywell-authorized repair location installs the applicable new terrain database and the envelope modulation database. The customer must specify the terrain database 458.
- There is no charge to approved customers to have the databases loaded on a PCMCIA card that has the different databases on it.
- d Honeywell can supply the parts necessary to do this modification to approved customers.

Honeywell

SERVICE INFORMATION LETTER

- If there is no charge for parts, send a no-charge purchase order that refers to this Service Information Letter, Publication Number D201005000005 - free of charge. The purchase order must include only the applicable parts specified in Table 7.
- If there is a charge for parts, send a purchase order that refers to this Service Information Letter, Publication Number D201005000005. The purchase order must include only the applicable parts specified in Table 7.

3 The Honeywell Service Centers that can install the modification or install the databases on PCMCIA card are identified in Table 6.

Table 6. Honeywell Service Centers

Service Center	Service Center	Service Center
Honeywell Seattle Area Support Center 4150 Lind Ave. SW Renton, WA 98055 Phone: (425) 251-9511 Fax: (425) 251-9368	Basingstoke UK Honeywell Avionics Systems Edison Rd., Basingstoke, Hants RG21 6QD England Phone: 44-125-672-2200 Fax: 44-125-672-2201	Honeywell Aerospace SA Avenue Saint-Granier BP3009 31024 Toulouse Cedex 3, France Phone: (33) 05 34 56 17 82 Fax: (33) 05 34 56 17 53
Honeywell Aerospace Pte Ltd Singapore Support Center 2 Loyang Crescent Singapore 508976 Phone: (65) 6542-1313 Fax: (65) 6542-1212	Honeywell Dallas Support Center 7825 Ridgpoint Drive Irving, Texas 75063-3152 Phone: (972) 402-4300 Fax: (972) 402-4399	Honeywell Avionics (Shanghai) Co Ltd China (Shanghai) Service Center (Avionics) (CHSC) No. 430, Li Bing Road Zhang Jiang Hi-Tech. Park Pudong New Area Shanghai 201203 China Phone: +86 (21) 2894-2888 Fax: +86 (21) 5079-2013

(b) Industry Support Information

1 Honeywell will give no reimbursement to do this modification. The customer will receive an invoice for the modification of each EGPWS done at a Honeywell Service Center or Honeywell-authorized repair location.

(c) Material Necessary for Each Component

1 The parts identified in Table 7 can possibly be necessary to install terrain database 458 and envelope modulation database B07.

Honeywell

SERVICE INFORMATION LETTER

Table 7. Operator-Purchased Material

New PN	Keyword/ Nomenclature	Old PN	Qty	List Price ¹	Instructions/ Disposition Codes
300-1079-021	PCMCIA flash memory card, 64 MB (blank)	Not applicable (N/A)	As required (AR)	N/A	^{2 3 4}
402-6105-001	Terrain database label (blank)	402-6105-001	AR	No charge (N/C)	^{5 6}
718-1330-458	PCMCIA card, terrain database 458 with envelope modulation database B07	Many	AR	N/A	^{2 5 7}
718-1472-458	CD-ROM, terrain database 458 with envelope modulation database B07	Many	AR	N/C	^{2 5}
998-1955-656	EGPWS configuration matrix diskette	Many	AR	N/C	^{5 8}

NOTES:

1. The list price is applicable during the catalog year that this service information letter is released or revised. To find the applicable prices after that time, refer to the Honeywell Aerospace Spares Catalog found online at <http://www-a.honeywell.com/esource/>. When a part is not in the catalog, refer to the Honeywell Global Customer Care Center (Paragraph 1.E.(2)) for the applicable material prices, available parts, supply times, and minimum order quantities. The list price in this service information letter is equivalent to the unit price in the catalog.
2. The need for this part is identified by the procedure used to get the terrain database 458 and the envelope modulation database B07. Refer to the Accomplishment Instructions in Service Bulletin, ATA Number 965-1076-34-82 (Publication Number 012-0702-182). If the part is necessary, the quantity is one for each location that does this modification.
3. The part numbers identified below are permitted alternate parts. They can be supplied by Smart Modular Technologies, Wilmington, MA (CAGE 0Z1V7).
 - PN CU10548
 - PN CUG10548.
4. There is no list price for this part. The fixed price for this part is US\$250.00.
5. The customer or local regulatory authority can make the decision about what to do with the old parts. Honeywell recommends the old part number software be discarded or erased to help make sure it is not used again.
6. The need for this part is identified by the procedure used to put the terrain database number on the EGPWS instruction label. Refer to the Modification Status instructions in Service Bulletin, ATA Number 965-1076-34-82 (Publication Number 012-0702-182). If the part is necessary, the quantity is one for each EGPWS.
7. There is no list price for this part. The fixed price for this part is US\$400.00.
8. This part is necessary if this modification is done at a shop location. Refer to the test instructions in Service Bulletin, ATA Number 965-1076-34-82 (Publication Number 012-0702-182). If the part is necessary, the quantity is one for each location that does this modification. Dash numbers higher than 656 are permitted alternatives.

Honeywell

SERVICE INFORMATION LETTER

(3) **Data for the Procedures to Install the Databases**

NOTE: Terrain database 443 and higher must use a 64 MB PCMCIA card. Refer to the documents identified below for more data:

- Service Bulletin, ATA Number 965-1076-34-70 (Publication Number 012-0702-170)
- Service Letter, Publication Number EGPWS-MK V-MK VII-52.

(a) In the Accomplishment Instructions of Service Bulletin, ATA Number 965-1076-34-82 (Publication Number 012-0702-182), a file name is necessary. The file name to use for those instructions is TDB458_EMDB07.BIN.