



U.S. Department  
of Transportation  
**Federal Aviation  
Administration**

**Transport Airplane Directorate  
Aircraft Certification Service**

1601 Lind Avenue SW.  
Renton, Washington 98057-3356

AUG - 7 2007

In Reply  
Refer To: 130S-07-395a

Mr. Don D. Diehn  
Lead Certification Engineer  
Honeywell International Inc.  
21111 N. 19th Ave. (M/S AZ75-N25A1)  
Phoenix, AZ 85027

Received  AUG 13 2007  Certification Department
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Dear Mr. Diehn:

**Subject:** Technical Standard Order (TSO) C92c, -C117a, -C129a, and -C151b  
Minor Change Notification for Honeywell International, Inc. Enhanced  
Ground Proximity Warning System (EGPWS), Various Part Numbers

This letter supersedes FAA letter 130S-07-395, dated July 19, 2007. Minor changes to the Honeywell Enhanced Ground Proximity Warning System part numbers listed below are in compliance with TSO-C92c, C117a, C129a, and C151b. We apologize for any inconvenience this error may have caused your company and request that FAA letter 130S-07-395 be destroyed.

We received your letter, Reference 07FAA064, dated June 29, 2007, in which you certified that software changes to the MK V and MK VII Enhanced Ground Proximity Warning System (EGPWS) are minor under Title 14 Code of Federal Regulations (CFR) part 21, subpart O and are in compliance with TSO-C92c, -C117a, -C129a, and -C151b. Your certification is acceptable. It is also noted that your Quality Assurance Manual Policy/Procedure Index has been submitted to the Phoenix Manufacturing Inspection District Office (ANM-108P). This software change is applicable to the following EGPWS part numbers:

Certification Baseline	New Part Number
965-0976-003-226-226 (ref: 960-0329-026)	965-0976-003-228-228 (ref: 960-0329-027)
965-0976-020-226-226 (ref: 960-0336-013)	965-0976-020-228-228 (ref: 960-0336-014)
965-0976-040-226-226 (ref: 960-0335-021)	965-0976-040-228-228 (ref: 960-0335-022)
965-0976-060-226-226 (ref: 960-0337-009)	965-0976-060-228-228 (ref: 960-0337-010)
965-1076-001-226-226 (ref: 960-2226-016)	965-1076-001-228-228 (ref: 960-2226-017)
965-1076-020-226-226 (ref: 960-2225-014)	965-1076-020-228-228 (ref: 960-2225-015)
965-1076-030-226-226 (ref: 960-2230-010)	965-1076-030-228-228 (ref: 960-2230-011)

Certification Baseline	New Part Number
965-1076-040-226-226 (ref: 960-2224-016)	965-1076-040-228-228 (ref: 960-2224-017)
965-1076-060-226-226 (ref: 960-2233-009)	965-1076-060-228-228 (ref: 960-2233-010)

The following design change data, submitted with your letter, has been added to our TSO files:

#### Honeywell Data Items

Item #	Title	Document Number	Rev.	Date
1.	Configuration Index (CID) for MK V and MK VII EGPWS	993-0976-001	Y	6/20/07
2.	SYSTEM MK V, ENHANCED GROUND PROXIMITY WARNING, 115 VAC	960-0329	EJ	6/11/07
3.	SYSTEM MK V, ENHANCED GROUND PROXIMITY WARNING, 28 VDC	960-0335	DV	6/11/07
4.	SYSTEM MK V, ENHANCED GROUND PROXIMITY WARNING, 115 VAC WITH PXPRESS GPS	960-0336	CH	6/11/07
5.	SYSTEM MK V, ENHANCED GROUND PROXIMITY WARNING, 115 VAC WITH MERCURY GPS	960-0337	BD	6/11/07
6.	SYSTEM MK VII, ENHANCED GROUND PROXIMITY WARNING, 28 VDC	960-2224	DE	6/14/07
7.	SYSTEM MK VII, ENHANCED GROUND PROXIMITY WARNING, 115 VAC WITH PXPRESS CARD	960-2225	CT	6/14/07
8.	SYSTEM MK VII, ENHANCED GROUND PROXIMITY WARNING, 115 VAC	960-2226	DF	6/14/07
9.	SYSTEM MK VII, ENHANCED GROUND PROXIMITY WARNING, 28 VDC WITH PXPRESS GPS	960-2230	BD	6/14/07
10.	SYSTEM MK VII, ENHANCED GROUND PROXIMITY WARNING, 115 VAC WITH MERCURY GPS	960-2233	BE	6/14/07

The MK V and MK VII EGPWS engineering development and design is located at:

Honeywell International Inc.  
15001 N.E. 36<sup>th</sup> Street  
Redmond, WA 98073

The MK V and MK VII Production Approval Holder is:

Honeywell International Inc.  
21111 N. 19<sup>th</sup> Avenue  
Phoenix, AZ 85027

As required by the TSO, the following statement must be furnished with each manufactured unit:

"The conditions and tests required for TSO approval of this article are minimum performance standards. It is the responsibility of those installing this article either on or within a specific type or class of aircraft to determine that the aircraft installation conditions are within the TSO standards. TSO articles must have separate approval for installation in an aircraft. The article may be installed only in compliance with 14 CFR Part 43 or the applicable airworthiness requirements."

Any design change to this TSO article must be properly and adequately substantiated and must be forwarded to this office as outlined in FAA Order 8150.1B, paragraph 15 and 14 CFR 21.611 within 180 days of making the minor change and preferably before shipment of the article.

As recipient of this authorization, you are required to report any failure, malfunction, or defect relating to this authorization in accordance with the provisions of 14 CFR 21.3. You must also notify the FAA when you no longer manufacture the TSO-approved article, as required by 14 CFR part 21.613(b). This authorization pertains only to the manufacturing operations at the above address, and this office must be notified in advance of any proposed relocation.

This authorization is not transferable to another person or location and is effective until surrendered, withdrawn, or otherwise terminated by the Administrator.

Please note that technical data retained by the FAA may be subject to the Freedom of Information Act (FOIA) request. As such, this office will notify you of all such requests pertaining to your data and afford you the opportunity to contest the release of the data.

If you have any questions, please contact Mr. Patrice Adjibly of the Systems and Equipment Branch at (425) 917-6459.

Sincerely,



for  
Angelos G. Xidias  
Manager, Systems and Equipment Branch  
Seattle Aircraft Certification Office