



U.S. Department  
of Transportation  
Federal Aviation  
Administration

**Transport Airplane Directorate  
Aircraft Certification Service**

1601 Lind Avenue S.W.  
Renton, Washington 98055-4056

DEC 19 2001

In Reply

Refer To: 130S-01-731a

Ms. Colleen Portch  
Certification Services Administrator  
Honeywell International Inc.  
15001 NE 36th ST  
P.O. Box 97001  
Redmond, WA 98073-9701

Dear Ms. Portch:

Technical Standard Order (TSO) Approval, TSO C151a, Class B Authorization  
of the Terrain Awareness and Warning System (TAWS) Functions, Enhanced Ground  
Proximity Warning Computer (EGPWC) Part Numbers: 965-1227-003, 700-1710-004, 071-  
00182-0110, 071-00182-0120, 071-00182-0130, 071-00182-0140, 071-00182-0150, 071-  
00182-0160, 071-00182-0170, 071-00182-0180, 071-00182-0190

This letter corrects an error with the Configuration Module part number in Federal Aviation  
Administration (FAA) Letter, 130S-01-731, dated December 18, 2001.

Your certification that the following new Honeywell EGPWC part number(s) (P/N):

Description	New Part Number(s)
MK XXI EGPWC (LRU)	965-1227-003
Configuration Module (Plastic Enclosure)	700-1710-004
Terrain Database Flash Memory Card - N. America	071-00182-0110
Terrain Database Flash Memory Card - S. America	071-00182-0120
Terrain Database Flash Memory Card - Europe	071-00182-0130
Terrain Database Flash Memory Card - E. Europe	071-00182-0140
Terrain Database Flash Memory Card - Africa	071-00182-0150
Terrain Database Flash Memory Card - Pacific	071-00182-0160
Terrain Database Flash Memory Card - Asia	071-00182-0170
Terrain Database Flash Memory Card - S. Pacific	071-00182-0180
Terrain Database Flash Memory Card - Middle East	071-00182-0190

are in conformance with the 14 Code of Federal Aviation Regulations (CFR) Part 21, Subpart  
O, as described in your letter of November 16, 2001 (ref. 01FAA295) is acceptable. We  
concur with your certification. Your quality control manual has been previously approved by

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the Federal Aviation Administration (FAA) and is on file in the Seattle Manufacturing District Office (ANM-108S).

The EGPWC meets the performance standards for a TSO C151a Class B equipment. The added features meet the same qualification testing and software testing of the TAWS; however, the actual performance standards for additional features, including helicopter applications, are not under this TSO. They should be evaluated under the Supplemental Type Certification (STC) process and should be listed in the aircraft or rotorcraft installation manual.

The data received with your Letter, 01FAA295, Mod 1, dated December 19, 2001, to support this application has been reviewed and added to our files..

We acknowledge the FAA Form 8110-3 that was submitted with your letter, 01-FAA294, dated November 16, 2001, which approved the software accomplishment summary and other related data for this application.

Effective this date, you are authorized to use TSO procedures as prescribed by Subpart O of 14 CFR Part 21 and to identify the MK XXI Enhanced Ground Proximity Warning Computer P/N: 965-1227-003, 700-1710-004, 071-00182-0110, 071-00182-0120, 071-00182-0130, 071-00182-0140, 071-00182-0150, 071-00182-0160, 071-00182-0170, 071-00182-0180, 071-00182-0190, with the applicable TSO markings as required by TSO C151a, Class B equipment

Any design changes made to this TSO must be forwarded to this office as outlined in 14 CFR 21.611(a), with minor change submittal intervals not to exceed six months. As a TSO manufacturer, you are required to report to the FAA any failure, malfunction, or defect related to your TSO authorization within 24 hours in accordance with the provisions of 14 CFR 21.3. You must also notify the FAA when you no longer manufacture a TSO approved article as required by 14 CFR 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.

If you have any questions, please contact Ms. Sheila I. Mariano at 425-227-2675.

Sincerely,



Lirio Liu-Nelson  
Manager, Seattle Aircraft  
Certification Office