



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

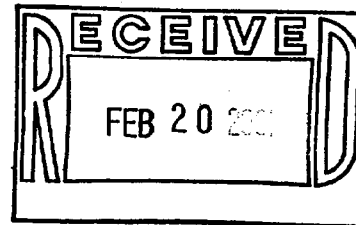
**Transport Airplane Directorate  
Aircraft Certification Service**

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

FEB 16 2001

In Reply  
Refer To: 130S-01-85

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



Dear Ms. Portch:

Technical Standard Order (TSO) Approval TSO C151a, Class A Authorization of Terrain Awareness and Warning System (TAWS) Functions for the MK V and MK VII Enhanced Ground Proximity Warning Computer (EGPWC) legacy Part Numbers (P/N's)

Your certification that the following Honeywell EGPWC P/N's are in conformance with Federal Aviation Regulations (FAR) Part 21, Subpart O, as described in your letter of November 28, 2000, (Ref. 00FAA-324) is acceptable:

Item	16 Digit Part Number	10 Digit Part Number	Item	16 Digit Part Number	10 Digit Part Number
1.	965-0976-003-101-101	960-0329-002	2.	965-0976-040-202-202	960-0335-006
3.	965-0976-003-102-102	960-0329-003	4.	965-0976-040-204-204	960-0335-007
5.	965-0976-003-104-104	960-0329-005	6.	965-0976-040-206-206	960-0335-008
7.	965-0976-003-105-105	960-0329-006	8.	965-0976-040-208-208	960-0335-009
9.	965-0976-003-202-202	960-0329-008	10.	965-1076-001-202-202	960-2226-001
11.	965-0976-003-203-203	960-0329-011	12.	965-1076-001-204-204	960-2226-002
13.	965-0976-003-204-204	960-0329-009	14.	965-1076-001-206-206	960-2226-003
15.	965-0976-003-206-206	960-0329-010	16.	965-1076-001-208-208	960-2226-004
17.	965-0976-003-206-207	960-0329-016	18.	965-1076-020-206-206	960-2225-001
19.	965-0976-003-208-208	960-0329-012	20.	965-1076-020-208-208	960-2225-002
21.	965-0976-020-208-208	960-0336-001	22.	965-1076-040-202-202	960-2224-001
23.	965-0976-040-102-102	960-0335-001	24.	965-1076-040-204-204	960-2224-002
25.	965-0976-040-104-104	960-0335-003	26.	965-1076-040-206-206	960-2224-003
27.	965-0976-040-105-105	960-0335-004	28.	965-1076-040-208-208	960-2224-004

In addition, in the preamble of the Federal Aviation Administration (FAA) final rule (14 Code of Federal Regulations Parts 91, 121, 135 [Docket No. 29312; Amendment No. 91-263; 121-273; 135-75]), to install TAWS equipment, Air Transport Association (ATA) made a request to the FAA affecting your P/N's. ATA requested that the FAA formally recognize TAWS

installations before adoption of the final rule as compliant. The FAA concurred with the request. The P/N's installed for TAWS installations before the final rule are those P/N's listed in Table 1. Therefore, the FAA finds the P/N's in Table 1 compliant with TSO C151a, Class A equipment.

Your quality control manual has been previously approved by the FAA, and is on file in the Seattle Manufacturing Inspection District Office (ANM-108S).

The approval for TSO C151a Class A applies to the TAWS functions. The TAWS meets the performance standards for TSO C151a Class A equipment. The added features meet the same qualification testing and software testing of the TAWS; however, the actual performance standards for additional features are not under this TSO. They should be evaluated under the Supplemental Type Certificate (STC) process and should be listed in the aircraft installation manual.

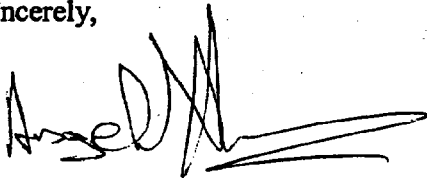
Effective on this date, you are authorized to use TSO procedures as prescribed by Subpart O of FAR Part 21 and to identify the MK V and MK VII EGPWS P/N's listed in Table 1 with the applicable TSO markings as required by TSO C151a.

Any design changes made to this TSO EGPWC must be forwarded to this office as outlined in FAR 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 FAR 21.3. You must also notify the FAA when you no longer manufacture a TSO approved article as required by FAR 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 Mariano at (425) 227-2675.

Sincerely,



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