

March 8, 2001

In Reply
Refer To: 130S-01-76a

Mr. Brian Pulk
Director GPWS Products
Honeywell International Inc.
15001 Northeast 36th Street
P.O. Box 97001
Redmond, WA 98073-9701

Dear Mr. Pulk:

Technical Standard Order (TSO) C92c and C151a (Class A) Approval for
Honeywell International Inc. MK-VI/VIII Part Numbers (P/N)
965-1176-006, 965-1186-006, 965-1206-006, and 965-1216-006
Enhanced Ground Proximity Warning Computer (EGPWS)

We received your letter Reference 00FAA-338, dated December 19, 2000 in which you certified that the EGPWC P/N 965-1176-006, 965-1186-006, 965-1206-006, and 965-1216-006 meet the Federal Aviation Regulations (FAR) Part 21.611(a) and the standards of TSO-C92c and TSO-C151a (Class A). Your certification is acceptable. Please note that this letter supersedes our previous letter to you, Reference 130S-01-76, dated February 9, 2001, in which we incorrectly identified one of the MK-VI/VIII P/N's. 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 TSO-92c and TSO-C151a (Class A) approval applies only to Terrain Awareness and Warning System (TAWS) functions. The TAWS meets the performance standards of the TSO's. The added features incorporated in the equipment meet the same qualification and software testing of TAWS. However, TSO-C92c and TSO-C151a does not include performance standards for these added features. Therefore, the actual performance of these features was not evaluated and is not included in this TSO approval. The performance of these additional features should be evaluated at aircraft installation under the Supplemental Type Certificate (STC) process and should be documented in the aircraft installation manual. A detailed functional description of the equipment is included in the Product Specification Document Number 965-1176-601, Revision B, dated December 7, 2000.

The following documents, submitted with your letter, have been reviewed and added to our files in support of your application:

Item	Honeywell International Inc. Document
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1.	Document 070-4612-002, Revision New, dated December 12, 2000
2.	Document 070-4613-002, Revision New, dated December 1, 2000
3.	Document 993-0976-304, Revision New, dated December 13, 2000
4.	Document 965-1176-601, Revision B, dated December 7, 2000
5.	Document 993-1176-401, Revision D, dated December 8, 2000
6.	Document 993-1176-000, Revision E, dated December 5, 2000
7.	Document 992-1176-000, Revision New, dated June 29, 1999
8.	Document 992-1176-804, Revision New, dated December 18, 2000
9.	Document 076-0901-001, Revision K, dated December 19, 2000
10.	<ul style="list-style-type: none"> a) Document 965-1176, Revision U, dated November 27, 2000 b) Parts List PL965-1176-000, Revision A, dated June 26, 2000 c) Parts List PL965-1176-001, Revision M, dated December 7, 2000 d) Parts List PL965-1176-003, Revision D, dated December 7, 2000 e) Parts List PL965-1176-004, Revision C, dated December 7, 2000 f) Parts List PL965-1176-005, Revision B, dated December 7, 2000 g) Parts List PL965-1176-006, Revision New, dated December 7, 2000
11.	<ul style="list-style-type: none"> a) Document 965-1186, Revision T, dated November 27, 2000 b) Parts List 965-1186-000, Revision A, dated June 26, 2000 c) Parts List 965-1186-001, Revision N, dated December 7, 2000 d) Parts List 965-1186-003, Revision C, dated December 7, 2000 e) Parts List 965-1186-004, Revision B, dated December 7, 2000 f) Parts List 965-1186-005, Revision A, dated December 7, 2000 g) Parts List 965-1186-006, Revision New, dated December 7, 2000
12.	<ul style="list-style-type: none"> a) Document 965-1206, Revision R, dated November 27, 2000 b) Parts List 965-1206-000, Revision A, dated June 26, 2000 c) Parts List 965-1206-001, Revision J, dated June 5, 2000 d) Parts List 965-1206-003, Revision C, dated December 7, 2000 e) Parts List 965-1206-004, Revision B, dated December 7, 2000 f) Parts List 965-1206-005, Revision A, dated December 7, 2000 g) Parts List 965-1206-006, Revision New, dated December 7, 2000
13.	<ul style="list-style-type: none"> a) Document 965-1216, Revision R, dated November 27, 2000 b) Parts List PL 965-1216-000, Revision A, dated June 26, 2000 c) Parts List PL 965-1216-001, Revision J, dated June 5, 2000 d) Parts List PL 965-1216-003, Revision C, dated December 7, 2000 e) Parts List PL 965-1216-004, Revision B, dated December 7, 2000 f) Parts List PL 965-1216-005, Revision A, dated December 7, 2000 g) Parts List PL 965-1216-006, Revision New, dated December 7, 2000
14.	Drawing 402-6075, Revision J, dated December 4, 2000
15.	Drawing 402-6082, Revision C, dated December 4, 2000
16.	Document 060-4298-000, Revision A, dated November 20, 2000
17.	Document 904-0106-401, Revision New, dated November 29, 2000
18.	Document 992-0109-100, Revision E, dated November 29, 2000
19.	Document 012-0709-001 (Component Maintenance Manual) must be submitted within six months of the date of this letter.

Effective this date, you are authorized to use TSO procedures as prescribed in Subpart O of FAR Part 21, and to identify the P/N 965-1176-006, 965-1186-006, 965-1206-006, and 965-1216-006 with the applicable TSO markings as required by TSO-C92c and TSO-C151a. This office must be notified of any design changes or manufacturing changes to the TSO-approved parts as outlined in FAR Part 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 in accordance with the provisions of FAR Part 21.3. You must also notify the FAA when you no longer manufacture the TSO-approved article, as required by FAR 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. If you have any questions, please contact Ms. Susan Letcher at telephone (425) 227-2670.

Sincerely,

Original signed by:
Angelos G. Xidias

Dorenda D. Baker
Acting Manager, Seattle Aircraft
Certification Office

Cc: Seattle MIDO (ANM-108S)

Ms. Colleen Portch
Certification Services Administrator
Honeywell International
15001 N.E. 36th Street
Redmond, WA 98073-9701

ANM-130S:SJLetcher:x2670:md:3/08/01
F:\HOME\nm130ss\LET\302.doc
F:\home\letter\130s\01\76a.doc
Filecode: 8150/TSO-C92c
Work Measure: 00-12691
Staffing Standard: 36