



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

JUL 15 2003

In Reply  
Refer To: 130S-03-376

Ms. Colleen M. Porch  
Certification Services Administrator  
Honeywell International, Inc.  
15001 N.E. 36<sup>th</sup> Street  
Redmond, WA 98052

**Transport Airplane Directorate  
Aircraft Certification Service**

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

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JUL 22 2003

Dear Ms. Porch:

Technical Standard Order (TSO) C92c, C151b, C117a, and C129a  
Minor Change Approval for the Enhanced Ground Proximity Warning Computer (EGWPC)  
MK V and MK VII

The Federal Aviation Administration (FAA) has received your letter ref: 03FAA129, dated June 23, 2003, and ref: 03FAA129 Rev A, dated July 14, 2003, in which you certified that software changes to your MK V/VII EGPWC are minor under Federal Aviation Regulations (FAR) Part 21.611 and are in compliance with TSO C92c, C151b, C117a, and C129a. The affected software part numbers are listed below:

2XX (Mod X) Version	Baseline EGPWC Part Number	Modified EGPWC Part Number
217 (Mod 1)	965-0976-003-217-217	965-0976-003-217 (Mod 1)-217
	965-0976-020-217-217	965-0976-020-217 (Mod 1)- 217
	965-0976-040-217-217	965-0976-040-217 (Mod 1)- 217
	965-0976-060-217-217	965-0976-060-217 (Mod 1)- 217
	965-1076-001-217-217	965-1076-001-217 (Mod 1)- 217
	965-1076-020-217-217	965-1076-020-217 (Mod 1)- 217
	965-1076-030-217-217	965-1076-030-217 (Mod 1)- 217
	965-1076-040-217-217	965-1076-040-217 (Mod 1)- 217
216 (Mod 2) / 050 (Mod 1)	965-0976-003-216 (Mod 1)-216 (Mod 1)	965-0976-003-216 (Mod 2)-216 (Mod 1)
	965-0976-020-216 (Mod 1)-216 (Mod 1)	965-0976-020-216 (Mod 2)-216 (Mod 1)
	965-0976-040-216 (Mod 1)-216 (Mod 1)	965-0976-040-216 (Mod 2)-216 (Mod 1)
	965-0976-060-216 (Mod 1)-216 (Mod 1)	965-0976-060-216 (Mod 2)-216 (Mod 1)
	965-1690-050 (Mod 1)	965-1690-050 (Mod 2)
	965-1076-001-216 (Mod 1)-216 (Mod 1)	965-1076-001-216 (Mod 2)-216 (Mod 1)
	965-1076-020-216 (Mod 1)-216 (Mod 1)	965-1076-020-216 (Mod 2)-216 (Mod 1)
	965-1076-030-216 (Mod 1)-216 (Mod 1)	965-1076-030-216 (Mod 2)-216 (Mod 1)
	965-1076-040-216 (Mod 1)-216 (Mod 1)	965-1076-040-216 (Mod 2)-216 (Mod 1)

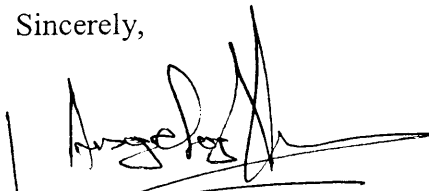
2XX (Mod X) Version	Baseline EGPWC Part Number	Modified EGPWC Part Number
214 (Mod 2) / 001 (Mod 1)	965-0976-003-214 (Mod 1)-214 (Mod 1)	965-0976-003-214 (Mod 2)-214 (Mod 1)
	965-0976-020-214 (Mod 1)-214 (Mod 1)	965-0976-020-214 (Mod 2)-214 (Mod 1)
	965-0976-040-214 (Mod 1)-214 (Mod 1)	965-0976-040-214 (Mod 2)-214 (Mod 1)
	965-0976-060-214 (Mod 1)-214 (Mod 1)	965-0976-060-214 (Mod 2)-214 (Mod 1)
	965-1676-001 (Mod 1)	965-1676-001 (Mod 2)
	965-1076-001-214 (Mod 1)-214 (Mod 1)	965-1076-001-214 (Mod 2)-214 (Mod 1)
	965-1076-020-214 (Mod 1)-214 (Mod 1)	965-1076-020-214 (Mod 2)-214 (Mod 1)
	965-1076-030-214 (Mod 1)-214 (Mod 1)	965-1076-030-214 (Mod 2)-214 (Mod 1)
	965-1076-040-214 (Mod 1)-214 (Mod 1)	965-1076-040-214 (Mod 2)-214 (Mod 1)
213 (Mod 2)	965-0976-003-213 (Mod 1)-213	965-0976-003-213 (Mod 2)-213
	965-0976-020-213 (Mod 1)-213	965-0976-020-213 (Mod 2)-213
	965-0976-040-213 (Mod 1)-213	965-0976-040-213 (Mod 2)-213
	965-1076-001-213 (Mod 1)-213	965-1076-001-213 (Mod 2)-213
	965-1076-020-213 (Mod 1)-213	965-1076-020-213 (Mod 2)-213
	965-1076-030-213 (Mod 1)-213	965-1076-030-213 (Mod 2)-213
	965-1076-040-213 (Mod 1)-213	965-1076-040-213 (Mod 2)-213
212 (Mod 2)	965-0976-003-212 (Mod 1)-212	965-0976-003-212 (Mod 2)-212
	965-0976-020-212 (Mod 1)-212	965-0976-020-212 (Mod 2)-212
	965-0976-040-212 (Mod 1)-212	965-0976-040-212 (Mod 2)-212
	965-1076-001-212 (Mod 1)-212	965-1076-001-212 (Mod 2)-212
	965-1076-020-212 (Mod 1)-212	965-1076-020-212 (Mod 2)-212
	965-1076-040-212 (Mod 1)-212	965-1076-040-212 (Mod 2)-212
211 (Mod 1)	965-0976-003-211-211	965-0976-003-211 (Mod 1)-211
210 (Mod 2)	965-0976-003-210 (Mod 1)-210	965-0976-003-210 (Mod 2)-210
	965-0976-020-210 (Mod 1)-210	965-0976-020-210 (Mod 2)-210
	965-0976-040-210 (Mod 1)-210	965-0976-040-210 (Mod 2)-210
	965-1076-001-210 (Mod 1)-210	965-1076-001-210 (Mod 2)-210
	965-1076-020-210 (Mod 1)-210	965-1076-020-210 (Mod 2)-210
	965-1076-040-210 (Mod 1)-210	965-1076-040-210 (Mod 2)-210
208 (Mod 3)	965-0976-003-208 (Mod 2)-208 (Mod 1)	965-0976-003-208 (Mod 3)-208 (Mod 1)
	965-0976-020-208 (Mod 2)-208 (Mod 1)	965-0976-020-208 (Mod 3)-208 (Mod 1)
	965-0976-040-208 (Mod 2)-208 (Mod 1)	965-0976-040-208 (Mod 3)-208 (Mod 1)
	965-1076-001-208 (Mod 2)-208 (Mod 1)	965-1076-001-208 (Mod 3)-208 (Mod 1)
	965-1076-020-208 (Mod 2)-208 (Mod 1)	965-1076-020-208 (Mod 3)-208 (Mod 1)
	965-1076-040-208 (Mod 2)-208 (Mod 1)	965-1076-040-208 (Mod 3)-208 (Mod 1)
206 (Mod 3)	965-0976-003-206 (Mod 2)-206 (Mod 2)	965-0976-003-206 (Mod 3)-206 (Mod 2)
	965-0976-040-206 (Mod 2)-206 (Mod 2)	965-0976-040-206 (Mod 3)-206 (Mod 2)
	965-1076-001-206 (Mod 2)-206 (Mod 2)	965-1076-001-206 (Mod 3)-206 (Mod 2)
	965-1076-020-206 (Mod 2)-206 (Mod 2)	965-1076-020-206 (Mod 3)-206 (Mod 2)
	965-1076-040-206 (Mod 2)-206 (Mod 2)	965-1076-040-206 (Mod 3)-206 (Mod 2)
	965-0976-003-206 (Mod 2)-207 (Mod 1)	965-0976-003-206 (Mod 3)-207 (Mod 1)

We also acknowledge receipt of the FAA Form 8110-3, signed by DER G. A. Ostrom, recommending approval of the Software Accomplishment Summary, Configuration Index Document, Version Description Document, and other software data items for the MK V/VII Enhanced Ground Proximity Warning Computer. Your certification is acceptable. The following design change data, submitted with your letter, has been added to our TSO files:

Item	Honeywell International, Inc., Document Title	Document Number & Revision	Date
1.	Configuration Index (CID) for MK V and MK VII EGPWS	993-0976-000, Rev CL	01-JUN-2003
2.	SYSTEM, MK V ENHANCED GROUND PROXIMITY WARNING, 115 VAC	960-0329, Rev DA	28-MAY-2003
3.	SYSTEM, MK V ENHANCED GROUND PROXIMITY WARNING, 115 VAC WITH PXPRESS GPS	960-0336, Rev AY	30-MAY-2003
4.	SYSTEM, MK V ENHANCED GROUND PROXIMITY WARNING, 28 VDC	960-0335, Rev CJ	30-MAY-2003
5.	SYSTEM, MK V ENHANCED GROUND PROXIMITY WARNING, 115 VAC WITH MERCURY GPS	960-0337, Rev T	30-MAY-2003
6.	SYSTEM, MK V ENHANCED GROUND PROXIMITY WARNING, 115 VAC, Airbus	965-1676, Rev K	02-JUN-2003
7.	SYSTEM, MK VII ENHANCED GROUND PROXIMITY WARNING, 115 VAC	960-2226, Rev BV	30-MAY-2003
8.	SYSTEM, MK VII ENHANCED GROUND PROXIMITY WARNING, 115 VAC WITH PXPRESS GPS CARD	960-2225, Rev BH	30-MAY-2003
9.	SYSTEM, MK VII ENHANCED GROUND PROXIMITY WARNING, 28 VDC	960-2224, Rev BU	30-MAY-2003
10.	SYSTEM, MK VII ENHANCED GROUND PROXIMITY WARNING, 28 VDC, PXPRESS GPS	960-2230, Rev T	30-MAY-2003
11.	SYSTEM, MK VII ENHANCED GROUND PROXIMITY WARNING, 115 VAC WITH MERCURY GPS CARD	960-2233, Rev U	30-MAY-2003
12.	SYSTEM, BOEING MK V ENHANCED GROUND PROXIMITY WARNING	965-1690, Rev J	30-MAY-2003

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

Sincerely,



Jeffrey E. Duven  
Acting Manager, Seattle  
Aircraft Certification Office