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STC Information Sheet

FAA STC: ST02928AT

Master Drawing List: 2-18476-002

Aircraft: McDonnell Douglas MD-80, MD-90-30 Series

Configuration: 1

Honeywell MK V EGPWS Installation

Mod. Order: 2-18476-801

AFMS: 2-18476-915

Master Kit List: 2-18476-802

ICA: 2-18476-913

Summary:

The Enhanced Ground Proximity Warning System (EGPWS) installation entails installation of a MK V Enhanced Ground Proximity Warning Computer (EGPWC) in place of the existing Ground Proximity Warning Computer (GPWC), installation of two Terrain Display Selection switch/lights, installation of one guarded Terrain OVRD/INOP switch/light, installation of a Global Positioning System (GPS) antenna on the upper fuselage, and installation of associated relays and additional signal wiring.

Contact EMTEQ for specific options, i.e. altitude callouts, display type, position source, audio menu, peaks/obstacles option, etc., for this specific configuration.

Notes:

This configuration assumes EFIS equipped aircraft.

* or later TSO approved.

** included in EMTEQ Kit MD90-EGPWS-900.

Material List

QTY	Part Number	Description	Source/MFGR
1	965-0976-020-214-214*	MK V EGPWC	Honeywell
1	S67-1575-133**	GPS Antenna	Sensor Systems
1	MD90-EGPWS-900	Kit, MK V EGPWS	B/E Aerospace



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STC Information Sheet

Aircraft: McDonnell Douglas MD-80 Series

Configuration: 2

Honeywell MK VII EGPWS Installation

Mod. Order: 2-18476-811

AFMS: 2-18476-916

Master Kit List: 2-18476-812

ICA: 2-18476-913

Summary:

The Enhanced Ground Proximity Warning System (EGPWS) installation entails installation of a MK VII Enhanced Ground Proximity Warning Computer (EGPWC) in place of the existing Ground Proximity Warning Computer (GPWC), installation of a Terrain Switching Panel with a Terrain switch/light and a guarded Terrain OVRD/INOP switch/light on the forward pedestal, and installation of associated relays and additional signal wiring.

Contact EMTEQ for specific options, i.e. altitude callouts, display type, position source, audio menu, peaks/obstacles option, etc., for this specific configuration.

Notes:

This configuration assumes Collins WXI-701/711 Weather Radar equipped aircraft with a capable existing Global Positioning System (GPS).

* or later TSO approved.

Material List

QTY	Part Number	Description	Source/MFGR
1	965-1076-001-214-214	MK VII EGPWC	Honeywell
1	MD80-EGPWS-900	Kit, MK VII EGPWS	B/E Aerospace



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STC Information Sheet

Aircraft: McDonnell Douglas MD-80 Series

Configuration: 3

Honeywell MK VII EGPWS Installation

Mod. Order: 2-23519-800

AFMS: 2-18476-916

Master Kit List: 2-23519-802

ICA: 2-18476-913

Summary:

The Enhanced Ground Proximity Warning System (EGPWS) installation entails installation of a MK VII Enhanced Ground Proximity Warning Computer (EGPWC) in place of the existing Ground Proximity Warning Computer (GPWC), installation of a Terrain Switching Panel with a Terrain switch/light and a guarded Terrain OVRD/INOP switch/light on the forward pedestal, installation of a Global Positioning System (GPS) antenna on the upper fuselage, and installation of associated relays and additional signal wiring.

Contact EMTEQ for specific options, i.e. altitude callouts, display type, position source, audio menu, peaks/obstacles option, etc., for this specific configuration.

Notes:

This configuration assumes Honeywell PPI-4A/4B Weather Radar equipped aircraft.

* or later TSO approved.

** included in EMTEQ Kit MD80-EGPWS-901.

Material List

QTY	Part Number	Description	Source/MFGR
1	965-1076-020-214-214*	Computer, MK VII EGPWS	Honeywell
1	S67-1575-133**	GPS Antenna	Sensor Systems
1	MD80-EGPWS-901	Kit, MK VII EGPWS	B/E Aerospace



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STC Information Sheet

Aircraft: McDonnell Douglas MD-80 Series

Configuration: 4

Honeywell MK VII EGPWS Installation

Mod. Order: 2-47231-800

AFMS: 2-47231-802

Master Kit List: N/A

ICA: 2-18476-913

Summary:

This Enhanced Ground Proximity Warning System (EGPWS) installation entails replacing the existing Honeywell MK VII Enhanced Ground Proximity Warning Computer (EGPWC) with a MK VII EGPWC with an internal Mercury Global Positioning System (GPS) receiver. The existing EGPWC also had an internal GPS receiver, both the existing and new EGPWC use the internal GPS for position data.

This STC Configuration does not approve the use of the internal Mercury GPS receiver's output capability.

Contact EMTEQ for specific options, i.e. altitude callouts, display type, position source, audio menu, peaks/obstacles option, etc., for this specific configuration.

Notes:

* or later TSO approved.

Material List

QTY	Part Number	Description	Source/MFGR
1	965-1076-060-222-222*	MK VII EGPWC	Honeywell



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STC Information Sheet

Aircraft: McDonnell Douglas MD-80, MD-90-30 Series

Configuration: 5

Honeywell MK V EGPWS Installation

Mod. Order: 2-18476-801

AFMS: 2-55825-901

Master Kit List: 2-18476-802

ICA: 2-18476-913

Summary:

The Enhanced Ground Proximity Warning System (EGPWS) installation entails installation of a MK V Enhanced Ground Proximity Warning Computer (EGPWC) in place of the existing Ground Proximity Warning Computer (GPWC), installation of two Terrain Display Selection switch/lights, installation of one guarded Terrain OVRD/INOP switch/light, installation of a Global Positioning System (GPS) antenna on the upper fuselage, and installation of associated relays and additional signal wiring.

Contact EMTEQ for specific options, i.e. altitude callouts, display type, position source, audio menu, peaks/obstacles option, etc., for this specific configuration.

Notes:

This configuration assumes EFIS equipped aircraft.

* or later TSO approved.

** included in EMTEQ Kit MD90-EGPWS-900.

Material List

QTY	Part Number	Description	Source/MFGR
1	965-0976-020-214-214*	MK V EGPWC	Honeywell
1	S67-1575-133**	GPS Antenna	Sensor Systems
1	MD90-EGPWS-900	Kit, MK V EGPWS	B/E Aerospace