

**MARK XXII**  
ENHANCED GROUND PROXIMITY WARNING SYSTEM



**MARK XXII EGPWS**



PRODUCT INFORMATION

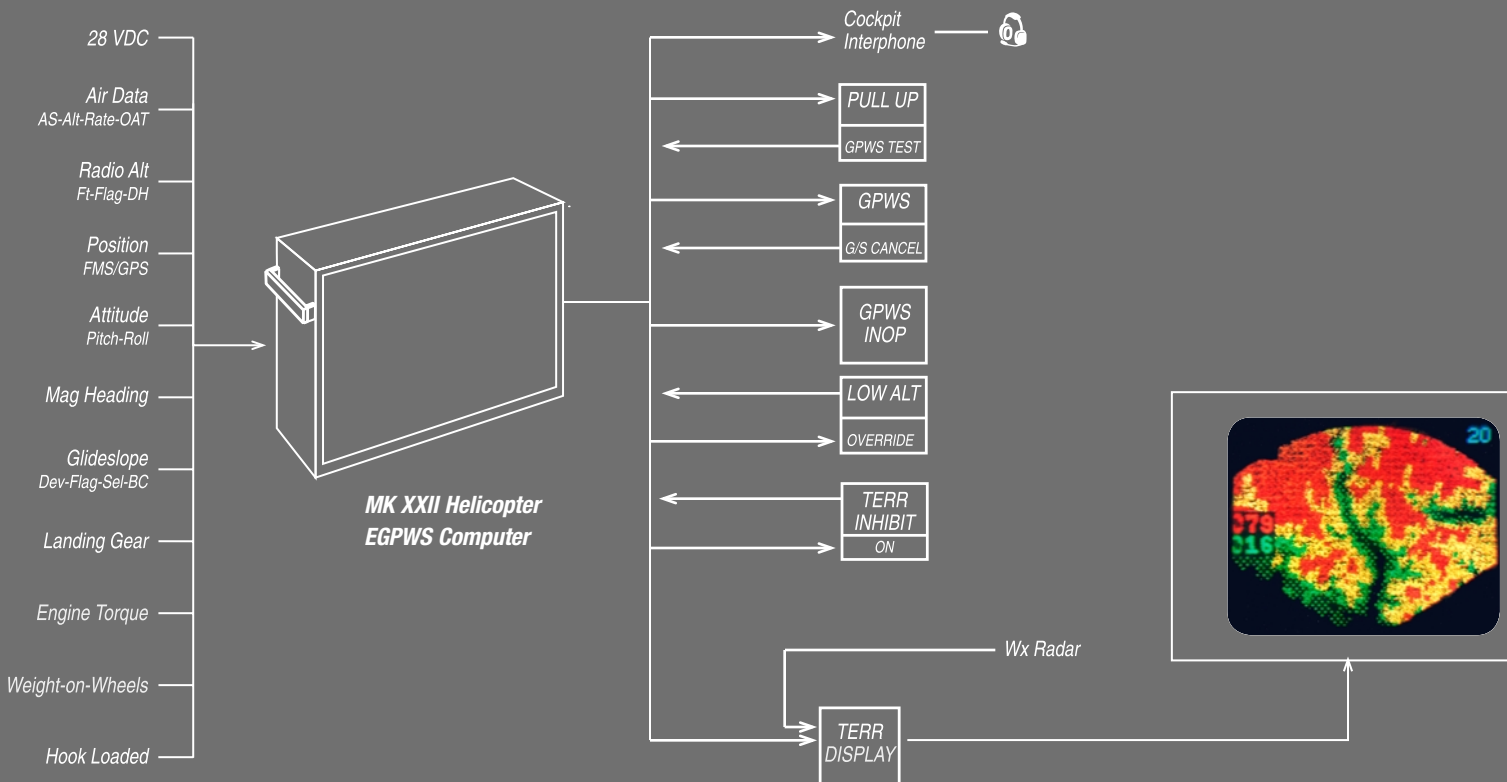
# Features

# Specifications

<b>Classic Features</b>	
<b>Mode 1</b> - Excessive Descent Rate	Y
<b>Mode 2</b> - Rising Terrain	Y
<b>Mode 3</b> - Descent After Takeoff	Y
<b>Mode 4</b> - Terrain Clearance	Y
<b>Mode 5</b> - Descent Below Glideslope	Y
<b>Mode 6</b> - Altitude Callouts	Selectable
Smart 500 Foot Callout	Y
Bank Angle Warning	Y
Tail Strike Warning	Y
Autorotation Callouts	Y
<b>Enhanced Features</b>	
Detailed Terrain Database	Regional
Obstacle Database	Y
All Publicly Known Airports	Y
All Publicly Known Heliports	Y
Look Ahead Algorithms	Y
Terrain Alerting	Y
Enroute Terrain Display (Peaks)	Y
Pop-up Feature	Selectable
Geometric Altitude	Y
Envelop Modulation	Y
Airspeed Expansion	Y
Internal GPS Card	Option
<b>Display Interfaces</b>	
EFIS	Y
Wx Radar Indicator	Y
MFD	Y
Standalone Display	Y

<b>Part Number</b>	965-1580-xxx 965-1590-xxx (w/ Internal GPS Card)
<b>Packaging</b>	Non-ARINC
<b>Mechanical</b> (H x W x L)	6.2 x 3.0 x 12.1 Inches (approx.)
<b>Weight</b>	3.5 lbs. / 1.6 kg. Maximum
<b>Power Requirement</b>	28 VDC 15 watts normal operation
<b>Cooling</b>	Per ARINC 600-6, forced air cooling not required
<b>Environmental</b>	Meets RTCA DO-160D
<b>MTBF</b>	15,000 operating hours
<b>Software</b>	Meets RTCA DO-178B Level C and D
<b>Certification:</b>	
<b>TAWS</b>	Designed and certified to TSO-C151a, Class A, GPWS and TAD functions are tailored uniquely to helicopter flight profiles
<b>Data Loader</b>	Databases and software updated via the front RS 232 Connector and Smart Cable PCMCIA Interface
<b>Aircraft Configuration</b>	Programmable personality module

# System Configuration



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**NO PLANE NO GAIN**



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