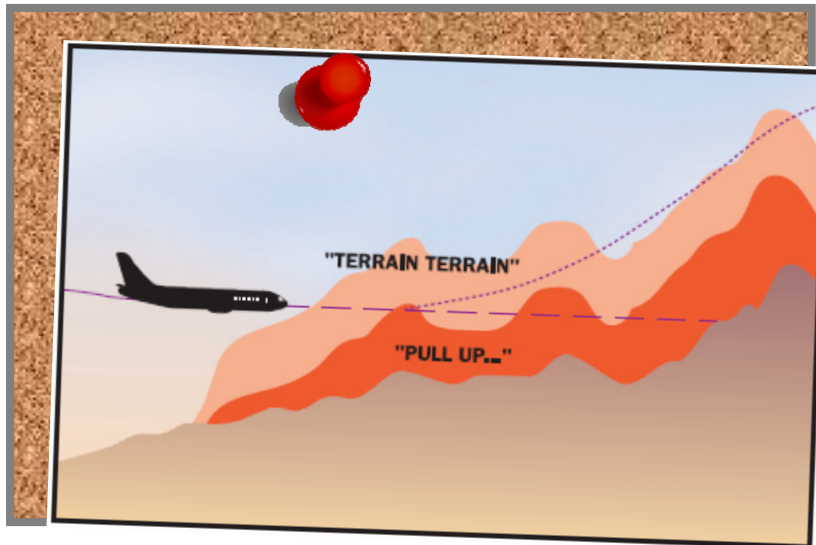


EGPWS **Enhanced Ground Proximity Warning System**



An Enhanced Ground Proximity Warning System (EGPWS) is a type of system which aims to prevent controlled flight into terrain. An EGPWS works by using digital elevation data and airplane instrumental values to predict if a likely future position of the aircraft intersects with the ground. The flight crew is thus provided with earlier aural and visual warning of impending terrain, forward looking capability, and continued operation in the landing configuration.



Advantage

The major benefit of EGPWS in comparison to a GPWS is the high resolution terrain database which is included to enhance the terrain warning capabilities.

EGPWS **Enhanced Ground Proximity Warning System**

Helicopter (Rotary Wing)

Specifically configured for the dynamic factors of rotary-wing performance, Honeywell's Mark XXI (Class B) and XXII (Class A) EGPWS help prevent avoidable collisions with the ground, water, and obstacles--even when flying in changing weather with poor visibility, rough terrain, or at low altitudes. The Mark XXI and XXII deliver proven and potentially life-saving performance. Unlike fixed-wing aircraft, which commonly are flown well above the terrain, rotorcraft often operate at low altitudes, where one could imagine a terrain awareness warning system (TAWS) issuing alerts constantly.



Technical Validation / Certification process

- Evaluation of actually installed equipment of the aircraft/rotorcraft for interface issues
- Aircraft Flight Manual Supplement
- Certification Flight Test
- EASA STC certification to gain airworthiness approval.

**Interested in
certification and installation?**

**e-mail us at
customer.support@gateV.at**

**or call our
Engineering Team
at**

**+43 1 7007 32025
mo – fr / 0800H – 1700H**