

Michael Folkerts
Senior Air Safety Investigator
Central Region

Date: November 30, 2023

Subject: Enhanced Ground Proximity Warning System (EGPWS) Download

The MK V EGPWS SN 3381 was shipped to the Honeywell lab in Phoenix, AZ after recovery from the accident airplane (Lear 45, N988MC). The unit was in good condition and deemed safe to be powered and downloaded in the normal way.

Downloaded data indicated the following:

- The airplane crossed the Runway 8 threshold at BVX with a groundspeed of about 185 knots and an airspeed of about 180 knots.
- The airplane was not positioned with flaps for landing and the EGPWS Flap Override was not selected.
- The airplane was over 3,200 ft down the 6,000 ft runway at BVX and had not yet touched down. The airspeed at this location was at least 155 knots.
- The EGPWS installation did not comply with FAA SAIB NM-15-11, which recommended a software upgrade.