

4/22/2026

**FOR YOUR INFORMATION**

2026-146/3-11

2325366

To: Embraer-Empresa Brasileira Aeronautic S/A

Info: FAA (AVP-1, AVP-200, AFS-200, AFS-260, AFS-100, MKC-AEG, AIR-360, AIR-720, AFS-300, AFS-900), A4A, ALPA, ASAP, ATSG, CAPA, IAM, IBT, ICASS, IFALPA, IPA, NBAA, NTSB, PAMA, RAA, TWU

From: Becky L. Hooey, Director  
NASA Aviation Safety Reporting System

Re: EMB-505 Phenom False GPWS Terrain Alert

We recently received ASRS reports describing a safety concern that may involve your area of operational responsibility. We do not have sufficient details to assess either the factual accuracy or possible gravity of the report. It is our policy to relay the reported information to the appropriate authority for evaluation and any necessary follow-up. We feel you should be aware of the enclosed deidentified report.

To properly assess the usefulness of our alert message service, we would appreciate it if you would take the time to give us your feedback on the value of the information that we have provided. Please contact Dr. Becky Hooey at (408) 541-2854 or email at [becky.l.hooey@nasa.gov](mailto:becky.l.hooey@nasa.gov).



Aviation Safety Reporting System  
P.O. Box 189 | Moffett Field, CA | 94035-0189



## ACN 2325366

### DATE / TIME

Date of Occurrence 202601  
Local Time Of Day No Local Time Of Day Stated

### PLACE

Locale ZZZ.Airport  
State US

### AIRCRAFT / EQUIPMENT X

ATC / Advisory - Tower ZZZ  
Make Model Name EMB-505 / Phenom 300  
Operating Under FAR Part 91

### COMPONENT 1

Aircraft Component GPWS/EGPWS

### PERSON 1

Function - Flight Crew Captain  
Function - Flight Crew Pilot Flying  
ASRS Report Number 2325366

### EVENTS

Anomaly Aircraft Equipment Problem - Critical  
Anomaly Deviation / Discrepancy - Procedural - Published  
Material / Policy  
Detector - Automation Aircraft Terrain Warning  
Result - Flight Crew FLC Complied w / Automation / Advisory  
Result - Flight Crew Overcame Equipment Problem

### NARRATIVE 1

This morning we flew the RNAV XX into ZZZ. Approximately at ZZZZZ intersection we received a terrain warning. We were in visual conditions and as far as we could see were completely clear of obstacles. I turned off the Autopilot and got myself above the glide path for a moment and the message went away. The glide path and course were centered, the Autopilot was engaged, and I was maintaining approximately Vref +5 knots. There is a NOTAM for the PAPI being out of service and the minimums for the approach being raised. There is an additional NOTAM for a temporary crane southeast of Runway XX.

Suggestions: Respect the terrain warning but maintain visual awareness of your surroundings on the approach. It would be good to clarify if this is an avionics anomaly or a problem with the GPWS system. No-one should get into the habit of ignoring GPWS signals, but it sounds like this is a known issue in the Phenom. A note or something to let crews in our fleet know about it would be helpful. Perhaps raising the minimum altitude at ZZZZZ until the anomaly is sorted out would be a good idea.

### SYNOPSIS

Phenom Captain reported receiving an apparently false terrain warning on approach. Reporter stated this appears to be a known issue in the Phenom fleet.