

Date : 23 November 2023
 Subject: Obstacle Alerts
 Impacted: EGPWS operators
 Databases: 633 and later

Dear Valued Customers,

AIP Obstacle data sources are used in the EGPWS Terrain Database to support the TAWS alerting algorithms. The AIP AIRAC cycle upon which each Terrain Database release cycle is based is identified in the Release Statement. Obstacle changes that are not reflected in the current Terrain Database release cycle may result in nuisance alerts until a subsequent release cycle.

The information below identifies the locations where obstacle changes have been identified since the release of the most current database, and the possibility of nuisance alerts exists. Honeywell’s awareness of these changes is generally through AIP updates, NOTAMs and customer feedback.

Customers are advised to use the most current database available. For locations with the possibility of nuisance alerts due to obstacle data currency, customers are advised to provide operational guidance to pilots, including use of Terrain Inhibit if warranted.

Honeywell remains committed to maximizing our awareness of obstacle changes, whether reflected in current AIP data or anticipated in the near future, to the best of our ability, and working quickly to address discrepancies soon as possible.

AIRAC cycle 2310 was used for TDB version 637, which was released on 22 November 2023. Obstacle data is based on AIRAC cycle 2310 data received from Lufthansa Systems. The Obstacle data is supplemented with data from the FAA Digital Obstacle version 230903 (FAA data is not published per AIRAC cycles). Honeywell source data supplier, Lufthansa Systems, has received a Type 1 Letter of Acceptance from EASA for the Obstacle data provided to Honeywell.

For other obstacle sources used to produce Terrain databases which are from non-authoritative sources or suppliers who have not received a Type 1 Letter of Acceptance, Honeywell has performed independent validation of this data.

Customer reported obstacle alerts addressed in the EGPWS Terrain Database are summarized below.

COUNTRY	AIRPORT	ICAO	RW	OBS INTRODUCED IN	HONEYWELL RESPONSE	RESOLVED IN
Japan	Hakodate	RJCH	RW30	TDB 632	<p>Customer was experiencing EGPWS Caution and Obstacle Alerts on multiple flights while approaching RJCH RW30.</p> <p>Incident was analyzed and found the alerts were caused by an erroneous obstacle located along the approach path in the database. The subject obstacle is removed from the database to prevent obstacle nuisance alerts. Details of the erroneous obstacle is given below.</p> <ol style="list-style-type: none"> Lat: 41.740694, Long: 140.934139, Height (AMSL/AGL): 1201/938 ft. 	TDB 633

COUNTRY	AIRPORT	ICAO	RW	OBS INTRODUCED IN	HONEYWELL RESPONSE	RESOLVED IN
Japan	Sendai	RJSS	RW09	TDB 485	<p>Customer was experiencing Obstacle Alerts on multiple flights while approaching RJSS RW09.</p> <p>Incident was analyzed and found the alerts were caused by an obstacle with height 919 ft located along the approach path in the database. Customer confirmed after clarifying with the airport authority that the subject obstacle is a natural terrain elevation, thus remove to remove it from the database. Obstacle was removed from the database to prevent obstacle nuisance alerts. Details of the erroneous obstacle removed from the database is given below.</p> <ol style="list-style-type: none"> Lat: 38.128039, Long: 140.813186, Height (AMSL/AGL): 919/121 ft. 	TDB 633
UK	Humberside	EGNJ	RW26	TDB 624	<p>Customer reported of the existence of a “spurious obstacle” at location N53 32.0 E000 55.7 in the EGPWS MKXXII regional database for Europe (EUR). This issue was taken up with the data supplier who confirmed that the subject obstacle is erroneous and can be removed from the database. Details of the erroneous obstacle removed from the database is given below.</p> <ol style="list-style-type: none"> Lat: 53.529242 Long: 0.919694 Height (AMSL/AGL): 614/614ft 	TDB 634
Romania	Arad	LRAR	RW27	TDB635	<p>Customer reported of obstacle alerts at location N46.173931 E21.31848 in the MK V database. This issue was taken up with the data supplier who confirmed that, the elevation of the subject obstacle published in the AIP is erroneous and would be corrected to 574ft /196ft in cycle 2310.</p> <p>Details of the obstacle to be corrected in the database is given below.</p> <ol style="list-style-type: none"> Lat: N46.173931 Long: E21.31848 Height(AMSL/AGL): 574ft /196ft 	TDB 637

Thank you,
Terrain Database Team

For the latest information regarding EGPWS databases, please visit:
<https://ads.honeywell.com>, click on TerrDB or Email : TerrDB@Honeywell.com

Database Accounts Services:

Phone : 1-800-247-0230 (US/Canada only) or 1-602-436-6739, Select Option 5

E-mail : DSA@honeywell.com

For 24-Hour/7-Day technical support, please contact the Technical Operations Center at 1-855-808-6500 (U.S. and Canada) or 1-602-365-6500 (Int'l), or E-mail AeroTechSupport@Honeywell.com.