

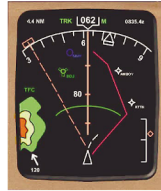
GPS Spoofing Hotspots

Pilot QRH

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This quick reference shows the **hotspots** for the new GPS Spoofing incidents. There are only 3 areas where spoofing (fake signal) has been seen. Each aircraft is different, but the key **pilot action** is to de-select GPS as a sensor input - before entering these areas, or immediately on discovering spoofing.



What to expect



1 Baghdad FIR (Iraq). Hotspot is UM688 RATVO-VAXEN (30+ reports). Also **Tehran FIR** (Iran), **Baku FIR** (Azerbaijan), **Ankara FIR** (Turkey).

Spoofed position will usually show ORBI as present posn on ND. 60-80nm track errors. Spoofing lasts 10-30 minutes. IRS fail common. Mostly enroute aircraft.

2 Cairo FIR (Egypt). Hotspots are L560, esp. near waypoint SERMA, and near CVO VOR (15+ reports). Also **Nicosia FIR** (Cyprus).

Spoofed position will show LLBG or HECA as present posn. Event 20-40 minutes. IRS failure less common. Mostly affecting enroute aircraft.

3 Tel Aviv FIR (Israel). Hotspot is departures from LLBG/Tel Aviv. Also **Amman FIR** (Jordan) - arrivals into OJAM/OJAI.

Nav fail on arrival/departure. Spoofed position may show OLBA (Beirut) as present posn. Immediate track errors. Spoofing short duration.

