Israel testing skyTran hover car system

An elevated network of hover cars is to be built in Israel, carrying two-person vehicles suspended from overhead magnetic tracks

skyTran is partnered with NASA and Israeli Aerospace Industries (IAI)

NASA

skyTran

Magnets repel

Passive MagLev: No power required to keep cars elevated, only to start and stop

Rail: 6m above street

500m test loop: Cars can travel up to 70km/h

LEBANON
SYRIA

Golan Heights

Tel Aviv Jerusalem

JORDAN

ISRAEL

50km
30 miles

Lod: Test track will be completed in 2015

Boarding: Passengers would use smartphone app to summon vehicle to meet them at specific station

Future: If test track successful, full system will be installed in Tel Aviv

skyTran

Diagram not to scale

Dov Hoz Airport

NAMIR ROAD

TEL AVIV

Station

Station

Station

RAOUL WALLENBERG STREET

7km long Cost: $50m

500m
0.3 miles