LIRF Roma Fiumicino Leonardo da Vinci Airport (IT-LIRF 2013)

Scenery for X-Plane
v2.0

Airport Information
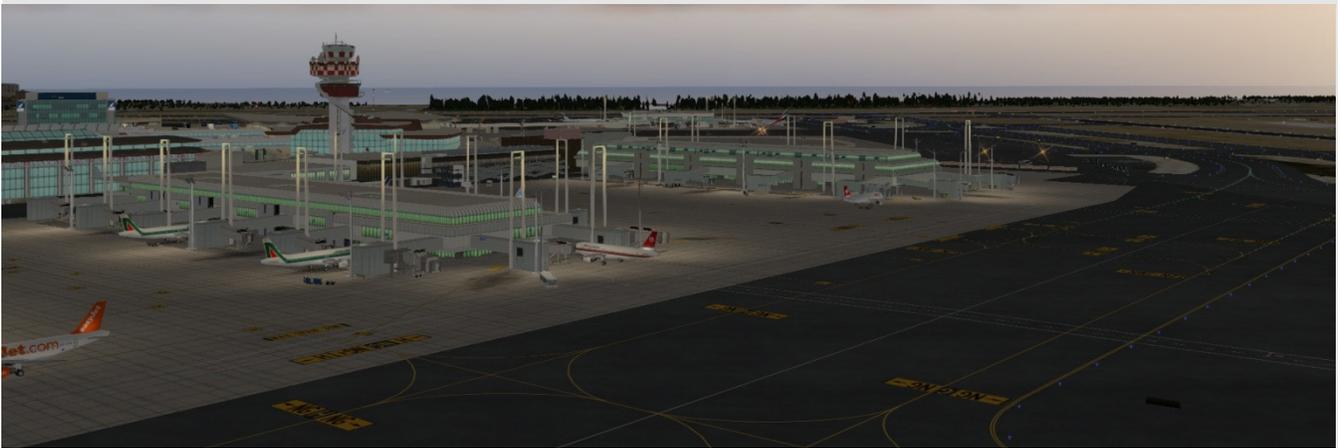
by Seaman 2020

Rome Fiumicino – Leonardo da Vinci International Airport (IATA: **FCO**, ICAO: **LIRF**) also simply known as **Fiumicino Airport**, is Italy's largest airport with 37.7 million passengers served in 2011. It is located in Fiumicino, 35.0 km(18.9 nautical miles; 21.7 mi) west southwest of Rome's historic city centre.

The airport serves as a hub for Alitalia, Italy's flag carrier. Based on total passenger numbers it was the sixth busiest airport in Europe, and the world's 29th busiest airport in 2011.

The airport is named after Italian polymath Leonardo da Vinci. The airport covers an area of 15 square kilometres (3,700 acres).

It's the main airport serving the Rome metropolitan area along with Ciampino airport, located to the south east of the city center. Both airports are operated by ADR (Aeroporti di Roma) and handle 42 million passengers (2011).

Rome Fiumicino passengers are handled by a system of four terminals (T1, T2, T3 and T5) dedicated to domestic, international and intercontinental flights.

Air traffic can use four runways: 16R/34L and 16L/34R are two parallel runways oriented north-north-west to south-south-east approximately and separated by 3.8 km. A third parallel runway (16C/34C) is currently normally not used or used as a backup for 16L/34R or normally as its main taxiway. Runway 07/25 is orthogonal to the other runways and mainly used for takeoffs in the westerly directions or for landings in the same directions in case of strong westerly winds.

Since 2005 the airport operates a category III B instrument landing system (ILS) allowing landings to equipped aircrafts in low visibility conditions down to a DH *(Decision Height)* of less than 50ft and a RVR *(Runway Visual Range)* between 75 and 200.

AIRPORT INFORMATION

Runway Information

RWY	QFU	dimension (M)	Approach Lights / Length	TDZ	RCL	PAPI	VASIS	ILS	ILS Type	ILS Freq.	Surface
07	068°	3307 x 45	SALS / 420 M	NIL	YES	3°	NIL	-	-	-	Bituminous conglomerate
25	248°	3307 x 45	CALVERT CAT I 900 M	NIL	YES	3°	NIL	ILS DME RWY 25	CAT I	110.15 MHz FEE	Bituminous conglomerate
16L	161°	3902 x 60	CALVERT CAT II III / 900 M	900	YES	3°	NIL	ILS RWY 16L	CAT IIIB	108.10 MHz FLL	Bituminous conglomerate
34R	341°	3902 x 60	CALVERT CAT II III / 900 M	900	YES	3°	NIL	ILS DME RWY 34R	CAT I	111.55 FSS	Bituminous conglomerate
16R	161°	3902 x 60	CALVERT CAT II III/ 900 M	900	YES	3°	NIL	ILS RWY 16R	CAT IIIB	110.30 MHz FRR	Bituminous conglomerate
34L	341°	3902 x 60	ALS / 578 M	NIL	YES	3°	NIL	ILS DME RWY 34L	CAT I	108.90 MHz IFSW	Bituminous conglomerate

RCL: Runway Center Lights

TDZ: Touchdown zone lights

Parking positions information

Roma Fiumicino Leonardo Da Vinci(LIRF)

Park positions
600-

Park positions
201-207

Satellite C
Park positions
700-

Park positions
221-240

Park positions
802-812

Park positions
300-

Park positions
821-836

Park
positions
842-847

Pier 'B'
Park positions
500-

Pier 'A'
Park positions
400-

+41.793047 +012.268680

Airport area and surroundings map

Rome-Civitavecchia Highway

Rwy 16L-34R

Rwy 16R-34L

Rwy 07-25

Rome-Airport Highway

Rail station

Tyrrenian Sea

River "Tevere"

Traiano Lake
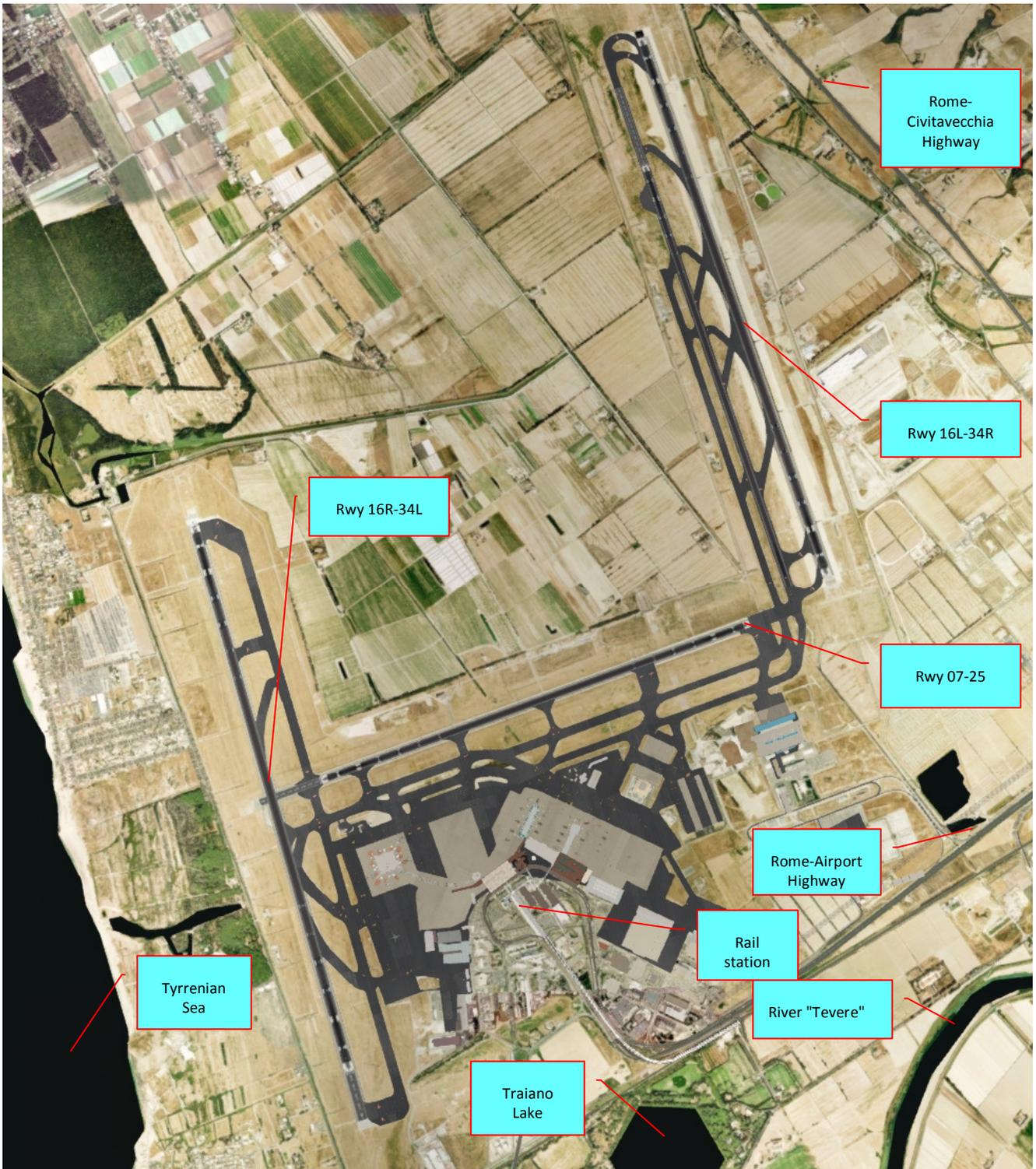
USEFUL LINKS

Airport Details and Carts on IVAO: http://goo.gl/5BZX8

Airport Charts on VATSIM Italy: http://www.vatita.net/?dir=ajaxcharts&pagina=charts

Airport Details on SkyVector: http://skyvector.com/airport/LIRF/Roma-Fiumicino-Airport

Routefinder: http://rfinder.asalink.net/free/

Roma Spotters (photos):   http://www.romaspotters.it/

Aeroporti di Roma: http://www.adr.it/fiumicino

Rome FCO at Flightaware: http://it.flightaware.com/live/airport/LIRF

Vataware (Flight plans):   http://www.vataware.com/

Airport Charts: http://charts.aero/

The airport was officially opened on January 15, 1961, with two runways, replacing the small Rome Ciampino Airport which remains in service for domestic and charter operations.

Three sites were identified as candidate for the new airport site, all of them in the south west quadrant of the city (Magliana Vecchia to the south west, Castel di Decima to the south and Casalpalocco to the southwest, closer to Ostia). Eventually in 1952 the Civil Aviation Authority opted for a new project near the Tevere estuary, with two perpendicular runways. The final project was approved in August 1958 and construction works lasted for 21 months.

The first commercial service to land at the newly opened airport was a TWA flight from New York operated with a Lockheed Constellation. It landed on the night between the 14th and 15th January 1961 after a stopover in Tunisi.

During the sixties Alitalia invested heavily in the new airport, building hangars and maintenance centers for its new Douglas DC-8; in the same period a third runway was added (16L/34R). Despite being officially opened in 1961, Leonardo da Vinci–Fiumicino Airport had actually been in use since August 20, 1960. This was to help relieve air traffic that was congesting Rome Ciampino Airport during the 1960 Olympics.

The control tower (55 mt) was built in 1961 designed by architect Pier Luigi Nervi. The first terminal buildings were designed by Amedeo Luccichenti and Riccardo Morandi

The terminal areas were upgraded during the 1990s in conjunction with the FIFA World Cup hosted in Italy.

Timelines:
- 1991: Opening of the domestic pier with 12 loading bridges (Pier A);
- 1995: Opening of the international pier with 10 loading bridges (Pier B);
- 1999: Opening of the west satellite with 11 loading bridges (satellite C). Sky-bridge train connecting it with the main terminal;
- 2000: Opening of the new domestic terminal (terminal A). Reorganization of terminal buildings, then consisting of: terminal A (and pier A), terminal AA, terminal B (and pier B), terminal C (and west satellite);
- 2004: Opening of new cargo terminal called Cargo City;
- 2008: Opening of terminal 5 for check-in of American carrier flights and El-Al (passengers are then bussed to the Main terminal building); serves 950,000 passengers per year. Extended work to build new pier C.
- 2009: Renaming of terminals - A has been renamed T1, AA has become T2, B and C became T3 and T5 has remained as T5.
- 2010: Launch of the new single Baggage Handling System (BHS) for more efficient luggage delivery.

(Source: wikipedia)
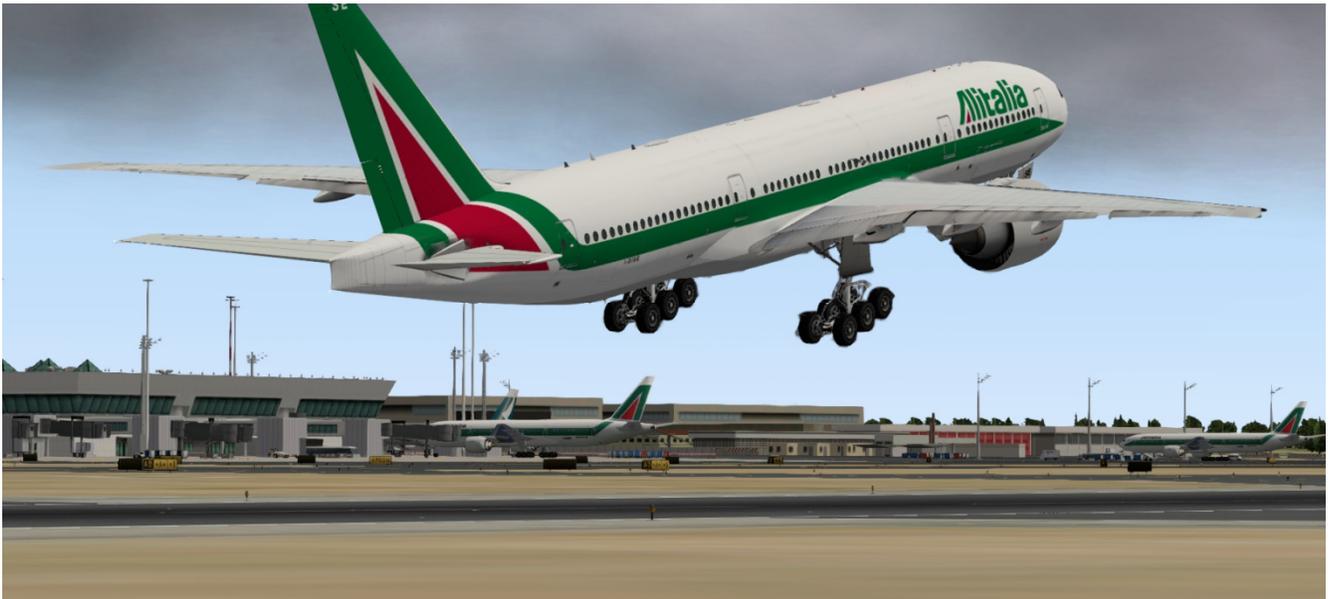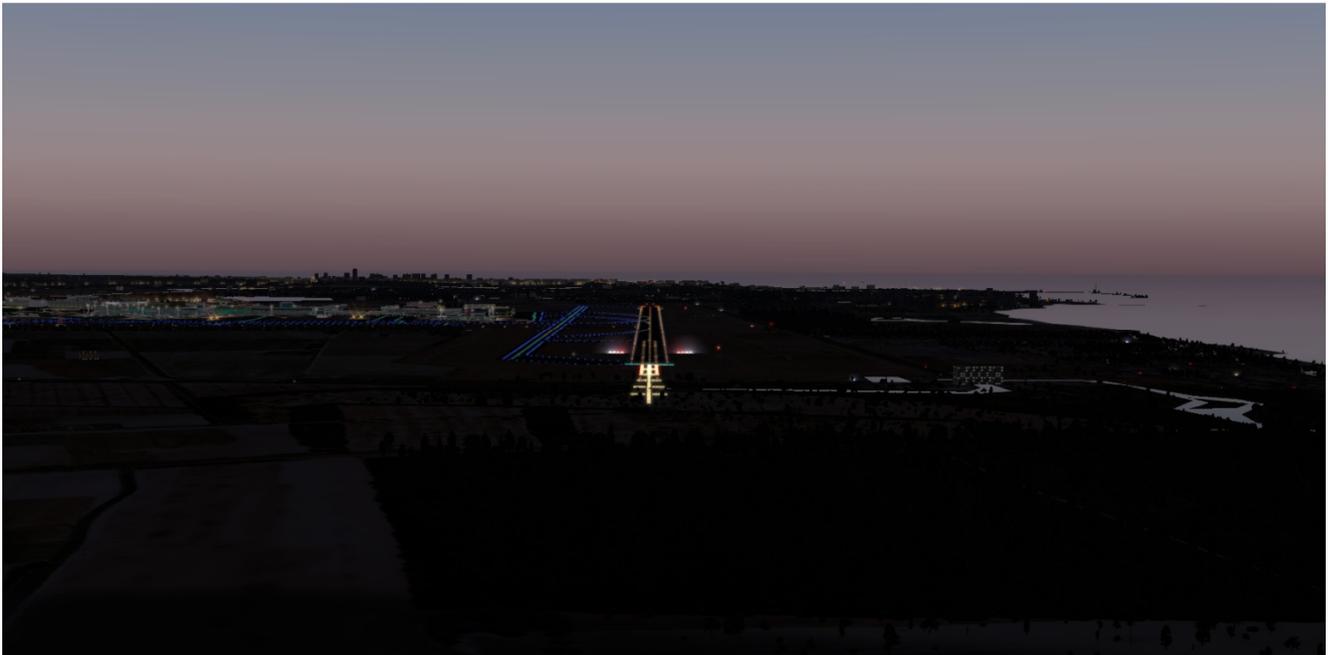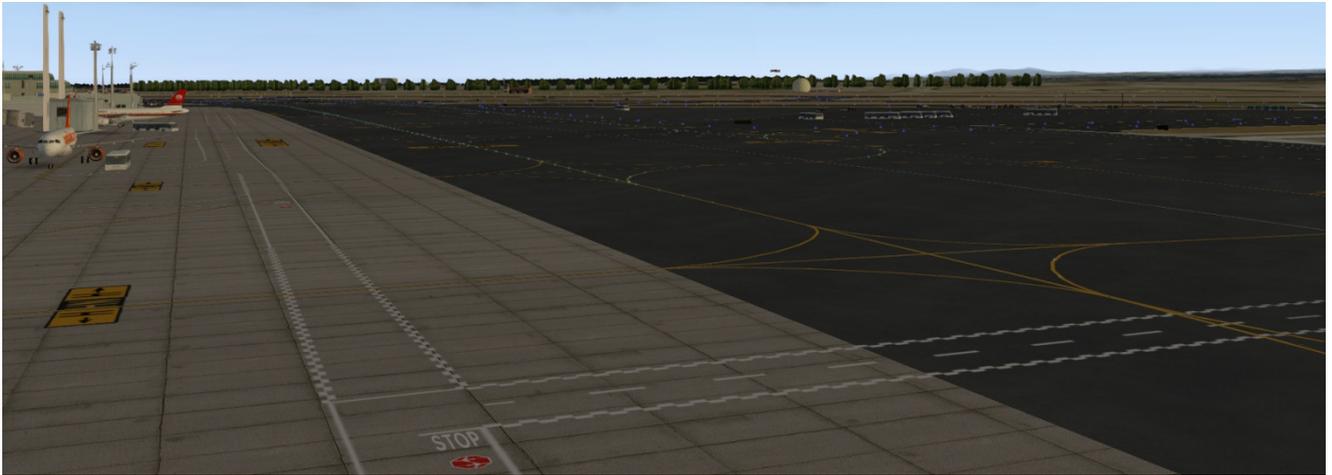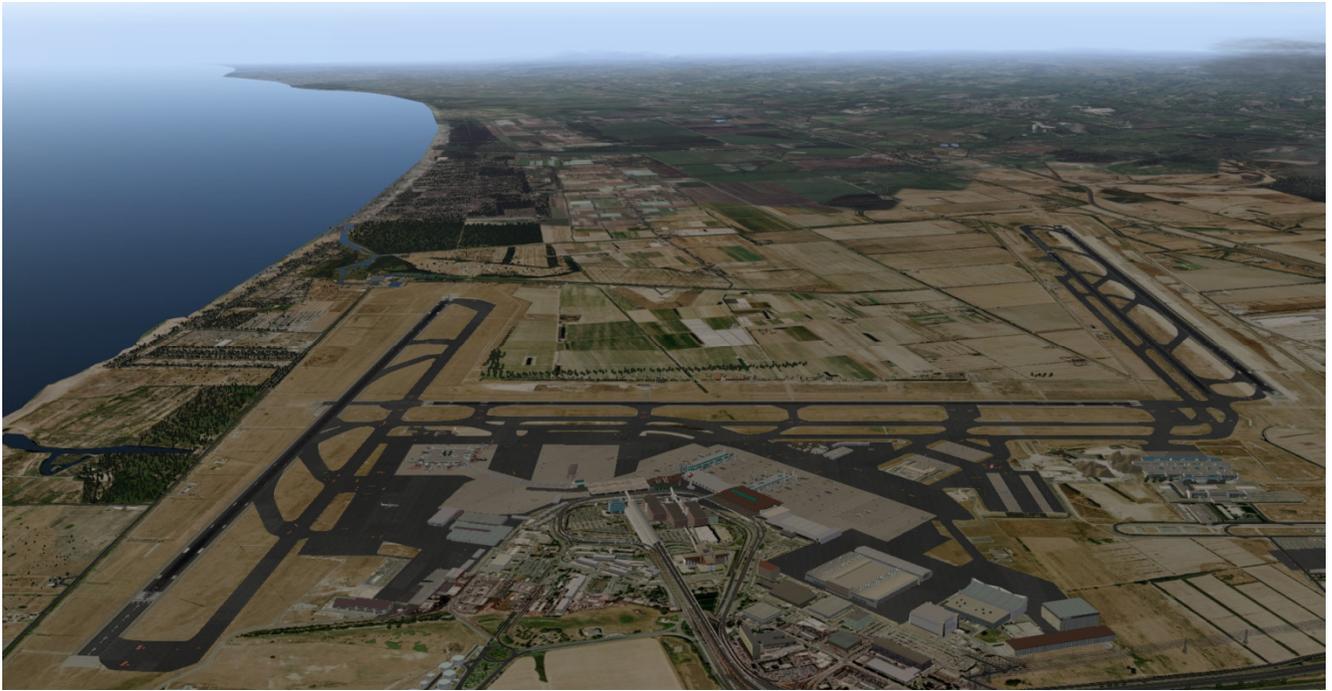
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