

# Madrid T4 Airport Simulation Report

Generated: 2025-04-09 10:28

## Overall Statistics

Total Passengers	22740
Processed Passengers	22740
Average Total Time	13.7 minutes
Maximum Total Time	42.3 minutes

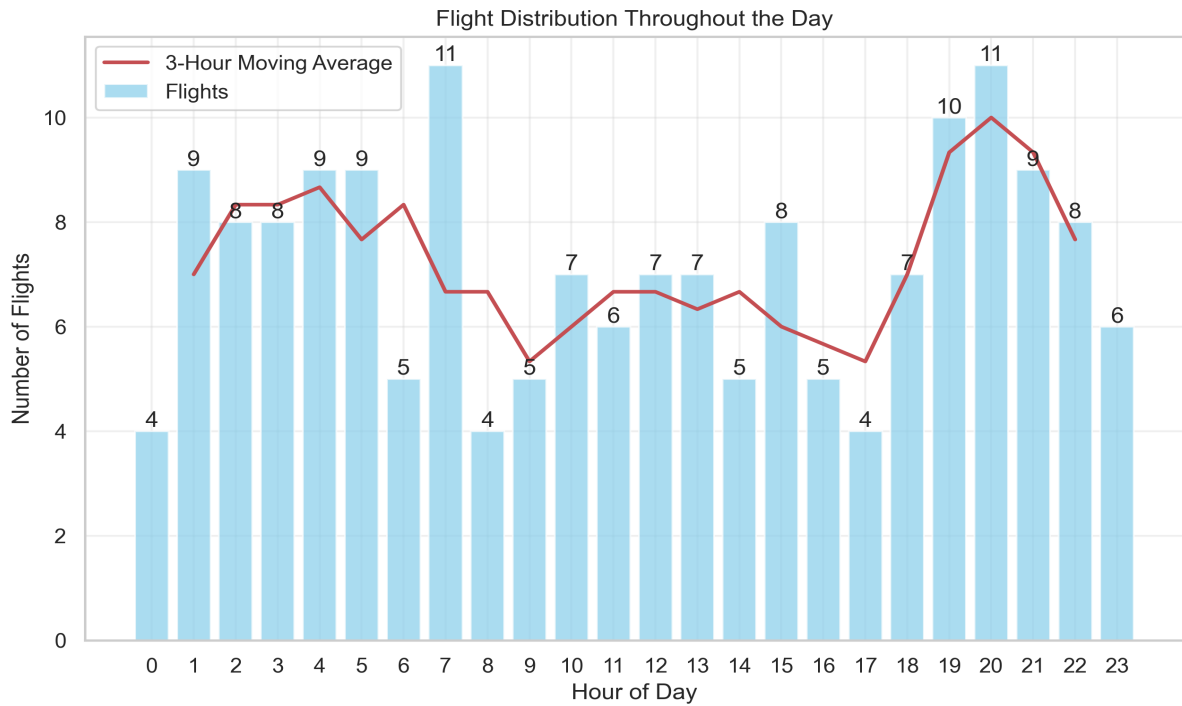
## Station Performance

Metric	Check-in	Security	Passport	Boarding
Average Wait (min)	5.0	6.6	2.4	3.9
Maximum Wait (min)	25.8	24.6	10.9	16.3
Average Queue Length	20.9	90.2	8.4	57.5
Maximum Queue	347.0	584.0	119.0	171.0

## Resource Utilization Analysis

Station	Average	Peak	Minimum
Checkin	24.7%	100.0%	0.0%
Security	60.4%	100.0%	0.0%
Passport	30.6%	100.0%	0.0%
Boarding	84.6%	100.0%	0.0%

## Flight Distribution



Time Period	Number of Flights
Morning (6-10)	25
Midday (10-14)	27
Afternoon (14-18)	22
Evening (18-22)	37
Night (22-6)	61