Madrid T4 Airport Simulation Report

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Overall Statistics

Total Passengers	24373
Processed Passengers	24373
Average Total Time	16.1 minutes
Maximum Total Time	52.5 minutes

Station Performance

Metric	Check-in	Security	Passport	Boarding
Average Wait (min)	4.7	8.6	2.6	4.1
Maximum Wait (min)	26.6	34.1	10.4	16.3
Average Queue Length	17.7	128.1	12.3	65.5
Maximum Queue	256.0	810.0	141.0	181.0

Resource Utilization Analysis

Station	Average	Peak	Minimum
Checkin	26.6%	100.0%	0.0%
Security	66.9%	100.0%	0.0%
Passport	40.8%	100.0%	0.0%
Boarding	88.0%	100.0%	0.0%

Flight Distribution

Flight Distribution Throughout the Day
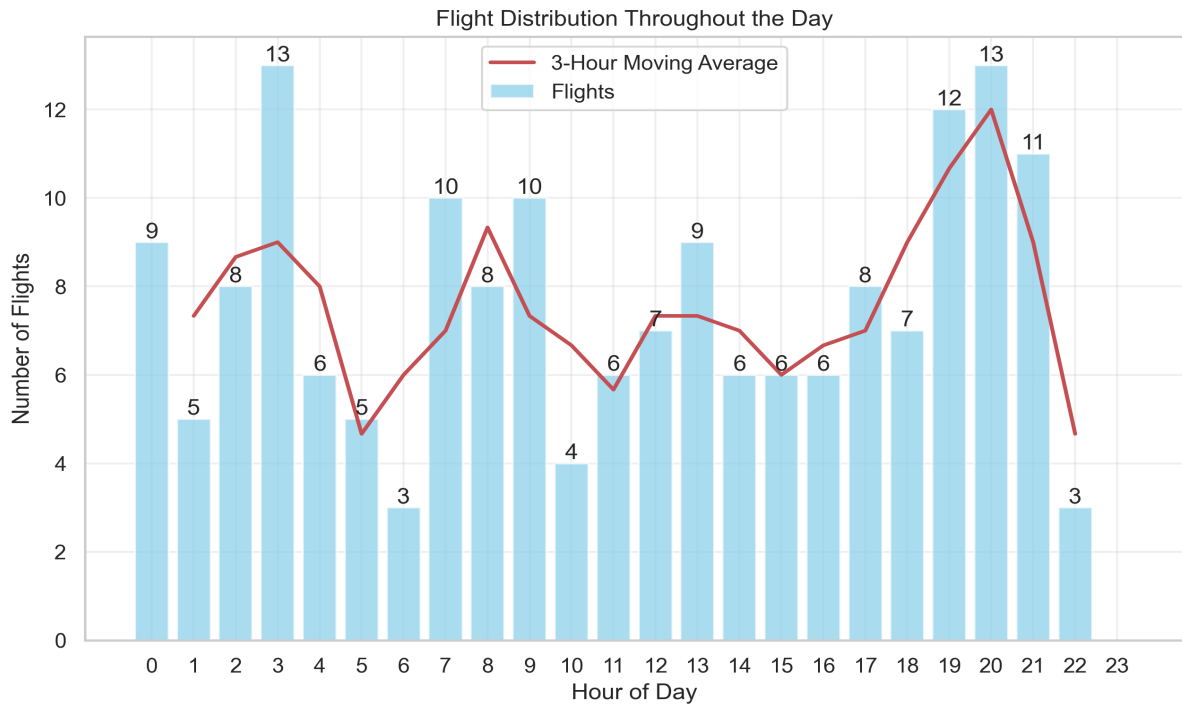
Time Period	Number of Flights
Morning (6-10)	31
Midday (10-14)	26
Afternoon (14-18)	26
Evening (18-22)	43
Night (22-6)	49