Madrid T4 Airport Simulation Report

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Overall Statistics

Total Passengers	23038
Processed Passengers	23038
Average Total Time	16.2 minutes
Maximum Total Time	51.8 minutes

Station Performance

Metric	Check-in	Security	Passport	Boarding
Average Wait (min)	5.1	8.4	2.5	4.3
Maximum Wait (min)	21.9	29.5	8.2	18.0
Average Queue Length	23.0	120.6	8.8	65.6
Maximum Queue	454.0	714.0	114.0	183.0

Resource Utilization Analysis

Station	Average	Peak	Minimum
Checkin	24.8%	100.0%	0.0%
Security	62.0%	100.0%	0.0%
Passport	32.0%	100.0%	0.0%
Boarding	83.7%	100.0%	0.0%

Flight Distribution

Flight Distribution Throughout the Day
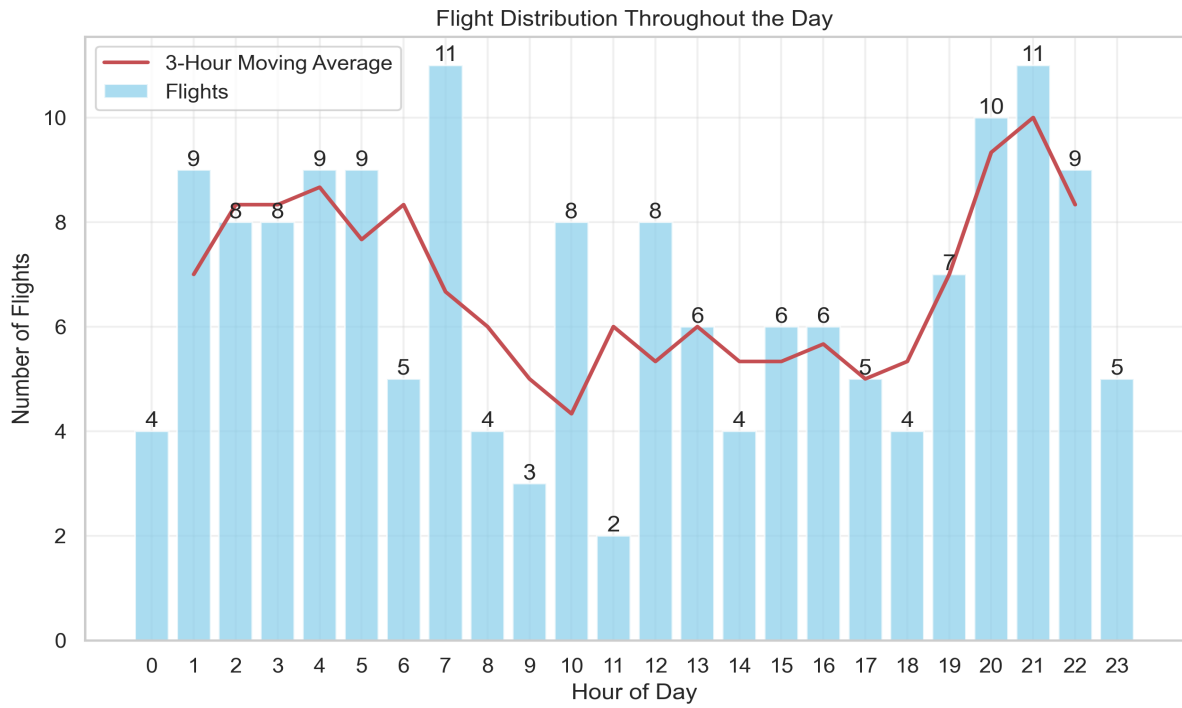
Time Period	Number of Flights
Morning (6-10)	23
Midday (10-14)	24
Afternoon (14-18)	21
Evening (18-22)	32
Night (22-6)	61