Maximum Throughput Capacity (MTC) for Single Runway

Provide a definition for each term. Use short description (i.e. phrases and bullet points). Provide equations and units if applicable

1. Maximum Throughput Capacity (MTC)

2. Runway Occupancy Time (ROT)

3. Simultaneous Runway Occupancy (SRO)

4. Arrival Wake Vortex Separation Distance

5. Inter-arrival Separation Distance (S_{ij})

6. Inter-arrival Separation Time (T_{ij})

7. List TWO parameters related to aircraft performance that affect MTC

8. List TWO parameters related to Air Traffic Control performance that affect MTC

9. Lead-Follow Pair Compression/Separation Cases