

Clarification of the algorithm

1. Choose a ΔT
2. Then try to set all the landing times. Using either
 - a. Landing Time of i^{th} plane = $\max(\text{Landing Time of } (i-1)^{\text{th}} \text{ plane} + \Delta T, \text{ start time of } i^{\text{th}} \text{ plane})$
or
 - b. Landing Time of i^{th} plane = $\min(\text{Landing Time of } (i-1)^{\text{th}} \text{ plane} + \Delta T, \text{ finish time of } i^{\text{th}} \text{ plane})$

Now either of these can fail.

- a) Can fail if Landing Time of $(i-1)^{\text{th}}$ plane + $\Delta T > \text{finish of the } i^{\text{th}} \text{ plane}$.
 - b) Can fail if Landing Time of $(i-1)^{\text{th}}$ plane + $\Delta T < \text{start of the } i^{\text{th}} \text{ plane}$.
3. If it works try to a better ΔT , until you can not improve it any more.