

Logbook
DBL 2IO70

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1 Special cases

1.1 Salary

1.1.1 Free

In this case, escorts would be volunteers. People who like to work with disabled people could apply for the job and help the KLM by bringing disabled people from their plane to the correct other plane. If this would happen, more people could be hired as volunteer and this also means that people could stay and wait together with the disabled people. Do some games take them to a diner or anything else. It is a real thing to think about, because people sometimes like to work with those people. On the other hand those people do not have the same responsibilities as someone who is getting paid for the job. This could be a disadvantage, but if you have double the amount of people and they are willing to work kind of hard then this is definitely a good opportunity.

1.2 Transfer

1.2.1 Same gate

The nearest gate to drop of someone is the gate he arrives at. This means the distance is zero so no distance, so no escort is needed to push him to his gate. Even if there are a hundred disabled people, even if it is a plane full of disabled people and you have 10 transfer seconds, you still do not need any escorts, because they already are at the place they need to be.

1.2.2 farthest gate

The gate which is most distant. If you only need to take one person there, you also only need one person to push him there. If there are multiple people who need to go to the most distant gate, you will need more people. It is only possible to push one person at a time for a escort. This means that if the plane is full of disabled people, you will need 550 escorts to push all those people to the same place. If the time in which this has to be done is really small and actually not realistic, only then it is allowed to prioritize other planes and let some people wait. There is no other reason why people should have to wait.

1.2.3 No disabled people

If there are no disabled people, no escorts are needed, so no extra money is involved in a flight.

1.2.4 Plane full of disabled people

A plane full of disabled people contains approximately 550 persons. All those persons need to be brought to the right gate. There are no mistakes allowed, else multiple planes might have a delay. So 550 escorts are needed to bring all those people to different or the same gate. If those people all need to go to different planes and some of those planes have a real high transfer time, then it is possible to use less escorts. So an escort could first take the people with an higher priority, which means that their plane leaves earlier. After they have brought the first person to their plane, they go back to the previous gate and pick up another person.

1.3 Escorts

1.3.1 No escorts

If there are no escorts, no people can be brought to their gate. This means either no plane will leave in time or there are by coincidence no disabled people flying that day.

1.3.2 Infinite escorts

If there are infinite many escorts, that means it will cost the KLM lots of money, except if all those escorts are volunteers or if just a part of the escorts are volunteers. In either case probably every plane will leave in time, because if there are so many escorts, they can bring all the disabled persons to their gate.

1.4 wheelchairs

1.4.1 Free

If the wheelchairs are free, no wheelchair maintainers are needed. So wheelchairs will actually cost nothing.

1.4.2 No decrement

If the value of a wheelchair does not decrement, they can be sold for the same price as you have bought them. This also means that wheelchairs will never be broken too much. So they will live forever.

1.4.3 immediately valueless

If wheelchairs are immediately valueless after you have bought them, it is best to check the duration of a wheelchair and decide after that whether or not to buy a new wheelchair or fix the wheelchair.

1.5 wheelchair maintainers