

Checking for 1NF

Airport

|                    |             |      |         |                 |
|--------------------|-------------|------|---------|-----------------|
| <u>AirportCode</u> | AirportName | City | Country | EstablishedYear |
|--------------------|-------------|------|---------|-----------------|

The table 'Airport' does not have composite or multivalued attributes and isn't consisted of nested relations.  
Therefore the table is already in 1NF.

Airline

|                    |             |       |           |         |                  |                 |            |                  |
|--------------------|-------------|-------|-----------|---------|------------------|-----------------|------------|------------------|
| <u>AirlineCode</u> | AirlineName | Owner | FleetSize | Address | NoOfDestinations | HeadOfficeEmail | WebsiteURL | CommencementYear |
|--------------------|-------------|-------|-----------|---------|------------------|-----------------|------------|------------------|

The table 'Airline' does not have composite or multivalued attributes and isn't consisted of nested relations.  
Therefore the table is already in 1NF.

Aircraft

|                     |      |       |              |              |             |          |
|---------------------|------|-------|--------------|--------------|-------------|----------|
| <u>AircraftCode</u> | Name | Model | Manufacturer | MaxNoOfSeats | AirlineCode | FlightNo |
|---------------------|------|-------|--------------|--------------|-------------|----------|

The table 'Aircraft' does not have composite or multivalued attributes and isn't consisted of nested relations.  
Therefore the table is already in 1NF.

Aircrew

|                |            |           |          |        |         |             |            |                        |                          |             |       |             |
|----------------|------------|-----------|----------|--------|---------|-------------|------------|------------------------|--------------------------|-------------|-------|-------------|
| <u>StaffID</u> | PassportNo | FirstName | LastName | Gender | Address | Designation | DateJoined | AirlineTrainingDetails | AcademicEducationDetails | AirlineCode | LegNo | CheckInTime |
|----------------|------------|-----------|----------|--------|---------|-------------|------------|------------------------|--------------------------|-------------|-------|-------------|

The table 'Aircrew' does not have composite or multivalued attributes and isn't consisted of nested relations.  
Therefore the table is already in 1NF.

Flight

|                 |            |             |            |
|-----------------|------------|-------------|------------|
| <u>FlightNo</u> | FlightPath | AirlineCode | FlightType |
|-----------------|------------|-------------|------------|

The table 'Flight' does not have composite or multivalued attributes and isn't consisted of nested relations.  
Therefore the table is already in 1NF.

Flight\_Leg

|              |              |              |              |          |
|--------------|--------------|--------------|--------------|----------|
| <u>LegNo</u> | DateOfFlight | FlightStatus | AircraftCode | FlightNo |
|--------------|--------------|--------------|--------------|----------|

The table 'Flight\_Leg' does not have composite or multivalued attributes and isn't consisted of nested relations.  
Therefore the table is already in 1NF.

Passenger

|                   |           |          |        |             |     |                   |                    |
|-------------------|-----------|----------|--------|-------------|-----|-------------------|--------------------|
| <u>PassportNo</u> | FirstName | LastName | Gender | Nationality | DOB | PassportIssueDate | PassportExpiryDate |
|-------------------|-----------|----------|--------|-------------|-----|-------------------|--------------------|

The table 'Passenger' does not have composite or multivalued attributes and isn't consisted of nested relations.  
Therefore the table is already in 1NF.

Reservation

|                 |       |        |             |               |            |       |
|-----------------|-------|--------|-------------|---------------|------------|-------|
| <u>TicketNo</u> | Class | SeatNo | CheckInTime | BaggageWeight | PassportNo | LegNo |
|-----------------|-------|--------|-------------|---------------|------------|-------|

The table 'Reservation' does not have composite or multivalued attributes and isn't consisted of nested relations.  
Therefore the table is already in 1NF.

Provide\_Services

|                    |                    |
|--------------------|--------------------|
| <u>AirlineCode</u> | <u>AirportCode</u> |
|--------------------|--------------------|

The table 'Reservation' does not have composite or multivalued attributes and isn't consisted of nested relations.  
Therefore the table is already in 1NF.

Airline\_Contact\_No

|                    |                  |
|--------------------|------------------|
| <u>AirlineCode</u> | <u>ContactNo</u> |
|--------------------|------------------|

The table 'Airline\_Contact\_No' does not have composite or multivalued attributes and isn't consisted of nested relations.  
Therefore the table is already in 1NF.

Aircrew\_Contact\_No

|                |                  |
|----------------|------------------|
| <u>StaffID</u> | <u>ContactNo</u> |
|----------------|------------------|

The table 'Aircrew\_Contact\_No' does not have composite or multivalued attributes and isn't consisted of nested relations.  
Therefore the table is already in 1NF.

Passenger\_Contact\_No

|                   |                  |
|-------------------|------------------|
| <u>PassportNo</u> | <u>ContactNo</u> |
|-------------------|------------------|

The table 'Passenger\_Contact\_No' does not have composite or multivalued attributes and isn't consisted of nested relations.  
Therefore the table is already in 1NF.

Landing

|                 |                    |
|-----------------|--------------------|
| <u>FlightNo</u> | <u>AirportName</u> |
|-----------------|--------------------|

Take\_Off

|                 |                    |
|-----------------|--------------------|
| <u>FlightNo</u> | <u>AirportName</u> |
|-----------------|--------------------|

The tables 'Landing' and 'Take\_Off' do not have composite or multivalued attributes and are not consisted of nested relations.  
Therefore both tables are already in 1NF.