B64F

GROUND OR AIRCRAFT-CARRIER-DECK INSTALLATIONS SPECIALLY ADAPTED FOR USE IN CONNECTION WITH AIRCRAFT; DESIGNING, MANUFACTURING, ASSEMBLING, CLEANING, MAINTAINING OR REPAIRING AIRCRAFT, NOT OTHERWISE PROVIDED FOR; HANDLING, TRANSPORTING, TESTING OR INSPECTING AIRCRAFT COMPONENTS, NOT OTHERWISE PROVIDED FOR

Definition statement

This place covers:

• Ground installations
• Aircraft carrier installations
• Ground installations specially adapted for captive aircraft
• Designing, manufacturing, assembling cleaning, repairing aircraft

B64F 1/00

Ground or aircraft-carrier-deck installations (specially adapted for captive aircraft B64F 3/00)

Definition statement

This place covers:

• Runways and taxiways dispositions
• Terminals

References

Limiting references

This place does not cover:

Installations specially adapted for captive aircraft

B64F 3/00

Informative references

Attention is drawn to the following places, which may be of interest for search:

<table>
<thead>
<tr>
<th>Aircraft carriers</th>
<th>B63</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fog-dispersal installations</td>
<td>E01H</td>
</tr>
<tr>
<td>Wind tunnels</td>
<td>G01M</td>
</tr>
<tr>
<td>Grounded flight trainers</td>
<td>G09B</td>
</tr>
</tbody>
</table>

B64F 1/002

(Taxiing aids)

Definition statement

This place covers:

• Indicators for taxiways
• Docking systems for gates
References

Informative references

Attention is drawn to the following places, which may be of interest for search:

| Towing aircraft | B64F 1/22 |

**B64F 1/005**

{Protective coverings for aircraft not in use}

References

Informative references

Attention is drawn to the following places, which may be of interest for search:

| Tent-like garages | E04H |

**B64F 1/007**

{Helicopter portable landing pads}

References

Informative references

Attention is drawn to the following places, which may be of interest for search:

| Paving take-off areas for vertically starting aircraft | E01C 9/008 |
| Landing platforms for helicopters | E01F 3/00 |

**B64F 1/02**

Arresting gear; Liquid barriers

Definition statement

This place covers:

- Net type arresting gear at the end of runways
- Arresting surfaces

References

Informative references

Attention is drawn to the following places, which may be of interest for search:

| Vehicle decelerating or arresting surfaces | E01C 9/007 |

**Special rules of classification**

There will be an indexing scheme for the following:

Runway arresting surfaces
B64F 1/04
Launching or towing gear

References
Informative references
Attention is drawn to the following places, which may be of interest for search:

<table>
<thead>
<tr>
<th>Railway aspects</th>
<th>B61</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aircraft towing aircraft</td>
<td>B64D 3/00</td>
</tr>
<tr>
<td>Ammunition launching gear</td>
<td>F41F</td>
</tr>
</tbody>
</table>

B64F 1/14
Towers or masts for mooring airships or balloons

References
Informative references
Attention is drawn to the following places, which may be of interest for search:

| Mooring attachments of lighter-than-air aircraft | B64B 1/66 |
| Building aspects                               | E04H 6/00, E04H 12/00 |

B64F 1/18
Visual or acoustic landing aids {(taxiing aids B64F 1/002)}

Definition statement
This place covers:
• Acoustic aids
• Wind vanes

References
Limiting references
This place does not cover:

| Taxiing aids                         | B64F 1/002 |

Informative references
Attention is drawn to the following places, which may be of interest for search:

| Optical or acoustic signalling in general | G08 |
B64F 1/20

Arrangement of optical beacons

Definition statement
This place covers:
Arrangements of lights

References
Informative references
Attention is drawn to the following places, which may be of interest for search:

| Lights | F21Q |

Special rules of classification
There will be an indexing scheme for the following:
Underground lights indicating landing path
Lights using LEDs

Glossary of terms
In this place, the following terms or expressions are used with the meaning indicated:

| LED | Light Emitting Diode |

B64F 1/22

installed for handling aircraft {(taxiing aids B64F 1/002)}

Definition statement
This place covers:
Installations on the ground or on carrier decks for the towing, storing and moving of aircraft not under their own power, including towing gear and including trolleys and dollies on which the aircraft may be temporarily placed.

References
Limiting references
This place does not cover:

| Taxiing aids | B64F 1/002 |

Informative references
Attention is drawn to the following places, which may be of interest for search:

| Buildings for storing aircraft | E04H 6/44 |

Special rules of classification
There will be an indexing scheme for the following:
Vehicles for towing aircraft without a tow bar

Unmaned towing vehicles

B64F 1/28

Liquid-handling installations specially adapted for fuelling stationary aircraft

References

Informative references

Attention is drawn to the following places, which may be of interest for search:

| Handling liquid in general | B67 |

B64F 1/30

for embarking or disembarking passengers

Definition statement

This place covers:
Devices (not vehicles) adapted to transfer passengers between terminal and aircraft

B64F 1/305

Bridges extending between terminal building and aircraft, e.g. telescopic, vertically adjustable

Definition statement

This place covers:
Finger type gates

References

Informative references

Attention is drawn to the following places, which may be of interest for search:

| Docking systems for gates | B64F 1/002 |

B64F 1/31

Passenger vehicles specially adapted to co-operate, e.g. dock, with aircraft or terminal buildings

Definition statement

This place covers:
Vehicles adapted to transfer passengers between terminal and aircraft
**B64F 1/315**

Mobile stairs

**References**

*Informative references*

Attention is drawn to the following places, which may be of interest for search:

| Movable stairways in general | E04F 11/04 |

**B64F 1/32**

for handling freight {load transporting vehicles modified to facilitate loading or unloading **B60P 1/00**}

**Definition statement**

*This place covers:*

- Scissors type trucks for loading aircraft

**References**

*Informative references*

Attention is drawn to the following places, which may be of interest for search:

| Load transporting vehicles modified to facilitate loading or unloading | B60P 1/00 |

**B64F 1/36**

Other airport installations (ground installations for de-icing aircraft **B64F 5/20**)

**Definition statement**

*This place covers:*

- Portable landing pads
- Managing aircraft in airports
- Sky jumps

**References**

*Limiting references*

This place does not cover:

| Ground installations for de-icing aircraft | B64F 5/20 |

*Informative references*

Attention is drawn to the following places, which may be of interest for search:

| Aircraft carriers | B63 |
|Construction of, or surfacing for, airfields | E01C |
|Fog-dispersal installations | E01H |
|Wind tunnels | G01M |
Grounded flight trainers

**B64F 1/362**

{Installations for supplying conditioned air to parked aircraft}

**Definition statement**

This place covers:
- Fixed installations for supplying air-conditioned or electric power to aircraft
- Hoses therefor

**References**

*Informative references*

Attention is drawn to the following places, which may be of interest for search:

<table>
<thead>
<tr>
<th>Air conditioning in general</th>
</tr>
</thead>
<tbody>
<tr>
<td>F24F</td>
</tr>
</tbody>
</table>

**Special rules of classification**

There will be an indexing scheme for the following:

Helicopter landing pads; e.g. portable, visual aids therefor

**B64F 1/364**

{Mobile units}

**Definition statement**

This place covers:

Mobile installations for supplying air-conditioned or electric power to aircraft

**References**

*Informative references*

Attention is drawn to the following places, which may be of interest for search:

<table>
<thead>
<tr>
<th>Air conditioning in general</th>
</tr>
</thead>
<tbody>
<tr>
<td>F24F</td>
</tr>
</tbody>
</table>

**B64F 1/366**

{Check-in counters}

**Definition statement**

This place covers:
- Check-in counters
- Routing baggage from counters to aircraft
References

Informative references

Attention is drawn to the following places, which may be of interest for search:

<table>
<thead>
<tr>
<th>Detecting objects</th>
<th>G01V 5/0008</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tags</td>
<td>G01V 15/00</td>
</tr>
<tr>
<td>Entry or exit registers</td>
<td>G07C 9/00</td>
</tr>
</tbody>
</table>

B64F 3/00

Ground installations specially adapted for captive aircraft

Definition statement

This place covers:

Installations in the ground specifically adapted for use with aircraft designed to maintain physical contact with the earth while in flight (i.e. the ground-based equipment for captive/tethered aircraft (which aircraft would be in B64C 39/022)).

References

Informative references

Attention is drawn to the following places, which may be of interest for search:

<table>
<thead>
<tr>
<th>Railway aspects</th>
<th>B61</th>
</tr>
</thead>
</table>

B64F 5/00

Designing, manufacturing, assembling, cleaning, maintaining or repairing aircraft, not otherwise provided for; Handling, transporting, testing or inspecting aircraft components, not otherwise provided for

Definition statement

This place covers:

Methods and installations not covered in any of the groups B64B, B64C, B64D and involved in: aerodynamic and structural design, testing, cleaning and polishing, maintaining (including keeping ready for flight, such as de-icing), and repairing of aircraft and aircraft-specific parts, components, and subassemblies and assembling of these into aircraft-specific subassemblies and entire aircraft.

References

Informative references

Attention is drawn to the following places, which may be of interest for search:

<table>
<thead>
<tr>
<th>Devices for detecting or indicating a hard landing</th>
<th>B64D 2045/008</th>
</tr>
</thead>
<tbody>
<tr>
<td>Devices for aircraft health monitoring</td>
<td>B64D 2045/0085</td>
</tr>
<tr>
<td>Measuring length; thickness or similar linear dimensions; measuring angles; measuring areas; measuring irregularities of surfaces or contours</td>
<td>G01B</td>
</tr>
<tr>
<td>Aerodynamic testing; Arrangements in or on wind tunnels</td>
<td>G01M 9/00</td>
</tr>
<tr>
<td>Computer-aided design of aircraft</td>
<td>G06F 17/5095</td>
</tr>
</tbody>
</table>
### Computer-aided design of aircraft fuselages

<table>
<thead>
<tr>
<th>CPC Class</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>G06F 2217/46</td>
<td></td>
</tr>
</tbody>
</table>

### Administration, management

<table>
<thead>
<tr>
<th>CPC Class</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>G06Q 10/00</td>
<td></td>
</tr>
</tbody>
</table>

### Indicating or registering the working of machines

<table>
<thead>
<tr>
<th>CPC Class</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>G07C 5/00</td>
<td></td>
</tr>
</tbody>
</table>

### B64F 5/10

**Manufacturing or assembling aircraft, e.g. jigs therefor**

**Definition statement**

*This place covers:*
- Devices specially adapted for assembling or manufacturing aircraft
- Jigs therefor

**References**

**Informative references**

*Attention is drawn to the following places, which may be of interest for search:*

<table>
<thead>
<tr>
<th>Place Description</th>
<th>CPC Class</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Work benches</td>
<td>B25H 1/00</td>
<td></td>
</tr>
</tbody>
</table>

### B64F 5/20

**Ground installations for de-icing aircraft**

**Definition statement**

*This place covers:*

Devices for the detection of icing conditions on aircraft on the ground

**References**

**Informative references**

*Attention is drawn to the following places, which may be of interest for search:*

<table>
<thead>
<tr>
<th>Place Description</th>
<th>CPC Class</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aircraft-fitted installations for de-icing or preventing icing on exterior surfaces of aircraft</td>
<td>B64D 15/00</td>
<td></td>
</tr>
<tr>
<td>Indicating weather conditions</td>
<td>G01W 1/00</td>
<td></td>
</tr>
<tr>
<td>Alarm responsive to formation or anticipated formation of ice</td>
<td>G08B 19/02</td>
<td></td>
</tr>
</tbody>
</table>

### B64F 5/60

**Testing or inspecting aircraft components or systems**

**Definition statement**

*This place covers:*
- Maintenance equipment
- Health monitoring
## References

### Informative references

Attention is drawn to the following places, which may be of interest for search:

| Registering or indicating the working of vehicles | G07C 5/00 |