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:

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<th>Aircraft carriers</th>
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<tr>
<td>Fog-dispersal installations</td>
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<tr>
<td>Wind tunnels</td>
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<td>Grounded flight trainers</td>
<td>G09B</td>
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</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 |
B64F 1/027
{using net or mesh}

Definition statement

This place covers:
Devices for arresting or capturing aircraft using nets or mesh.

B64F 1/029
{using a cable or tether}

Definition statement

This place covers:
Devices for arresting or capturing aircraft using cables or tethers.

B64F 1/0295
{aerodynamically or aerostatically supported, e.g. parafoil or balloon}

Definition statement

This place covers:
Arresting or capture devices that are supported via airborne means.

References

Informative references

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

| Releasing or reberthing aircraft in flight | B64D 5/00 |

B64F 1/0297
{adjustable to align with aircraft trajectory}

Definition statement

This place covers:
Devices which, when deployed, may be altered to arrest or capture aircraft from differing flight path angles.

B64F 1/0299
{characterized by the use of multiple devices}

Definition statement

This place covers:
Systems using multiple of the same or differing type of arresting or capturing devices.
B64F 1/04
Launching or towing gear

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

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<th>Railway aspects</th>
<th>B61</th>
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<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 | F21S |

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

Definition statement
This place covers:
Ground installations or vehicles specially adapted for loading freight into and out of an aircraft, e.g. scissors type trucks.

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 1/322

{Cargo loaders specially adapted for loading air freight containers or palletized cargo into or out of the aircraft}

Definition statement

This place covers:
B64F 1/324

{Luggage loaders specially adapted for loading individual luggage items into or out of the aircraft}

Definition statement

*This place covers:*
B64F 1/326

{Supply vehicles specially adapted for transporting catering to and loading into the aircraft}

Definition statement

This place covers:

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 |
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:

Air conditioning in general F24F

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:

Air conditioning in general F24F

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:

Detecting objects G01V 5/0008
Tags G01V 15/00
Entry or exit registers  

G07C 9/00

**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*

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**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:

| Devices for detecting or indicating a hard landing | B64D 2045/008 |
| Devices for aircraft health monitoring | B64D 2045/0085 |
| Measuring length; thickness or similar linear dimensions; measuring angles; measuring areas; measuring irregularities of surfaces or contours | G01B |
| Aerodynamic testing; Arrangements in or on wind tunnels | G01M 9/00 |
| Computer-aided design of aircraft | G06F 30/15 |
| Computer-aided design of aircraft fuselages | G06F 2113/28 |
| Administration, management | G06Q 10/00 |
| Indicating or registering the working of machines | G07C 5/00 |
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:

| Work benches          | B25H 1/00 |

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:

| Aircraft-fitted installations for de-icing or preventing icing on exterior surfaces of aircraft | B64D 15/00 |
| Indicating weather conditions                           | G01W 1/00 |
| Alarm responsive to formation or anticipated formation of ice | G08B 19/02 |

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 |