

B64F

GROUND OR AIRCRAFT-CARRIER-DECK INSTALLATIONS

Definition statement

This subclass/group 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 B64F3/00; aircraft-carriers B63; fog-dispersal installations E01H; wind tunnels G01M; grounded flight trainers G09B)

Definition statement

This subclass/group covers:

- Runways and taxiways dispositions
- Terminals

References relevant to classification in this group

This subclass/group does not cover:

Aircraft carriers	B63
Installations specially adapted for captive aircraft	B64F 3/00
Fog-dispersal installations	E01H
Wind tunnels	G01M
Grounded flight trainers	G09B

B64F 1/002

[N: Taxiing aids]

Definition statement

This subclass/group covers:

- Indicators for taxiways
- Docking systems for gates

Informative references

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

Towing aircraft	B64F 1/22
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B64F 1/02

Arresting gear; Liquid barriers

Definition statement

This subclass/group covers:

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

Informative references

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

Vehicle decelerating or arresting surfaces	E01C 9/007
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Special rules of classification within this group

There will be an indexing scheme for the following:

Runway arresting surfaces

B64F 1/18

Visual or acoustic landing aids (optical or acoustic signalling in general G08) [N: (B64F1/002 takes precedence)]

Definition statement

This subclass/group covers:

- Acoustic aids
- Wind vanes

Informative references

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

Optical or acoustic signalling in general	G08
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B64F 1/20

Arrangement of optical beacons

Definition statement

This subclass/group covers:

Arrangements of lights

Informative references

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

Lights	F21Q
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Special rules of classification within this group

There will be an indexing scheme for the following:

Underground lights indicating landing path

Lights using LEDs

Glossary of terms

In this subclass/group, the following terms (or expressions) are used with the meaning indicated:

LED	Light Emitting Diode
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B64F 1/22

installed for handling aircraft [N:(B64F1/002 takes precedence)]

Definition statement

This subclass/group 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.

Informative references

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

Buildings for storing aircraft	E04H 6/44
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Special rules of classification within this group

There will be an indexing scheme for the following:

Vehicles for towing aircraft without a tow bar

Unmanned towing vehicles

B64F 1/30

for embarking or disembarking passengers

Definition statement

This subclass/group 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 subclass/group covers:

Finger type gates

Informative references

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

Docking systems for gates	B64F 1/002
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B64F 1/31

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

Definition statement

This subclass/group covers:

Vehicles adapted to transfer passengers between terminal and aircraft

B64F 1/32

for handling freight [N: (load transporting vehicles modified to facilitate loading or unloading B60P1/00)]

Definition statement

This subclass/group covers:

Scissors type trucks for loading aircraft

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
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B64F 1/36

Other airport installations (de-icing installations B64F5/0054; construction of, or surfacing for, airfields E01C)

Definition statement

This subclass/group covers:

- Portable landing pads
- Managing aircraft in airports

- Sky jumps

References relevant to classification in this group

This subclass/group does not cover:

Aircraft carriers	B63
De-icing installations	B64F 5/0054
Fog-dispersal installations	E01H
Wind tunnels	G01M
Grounded flight trainers	G09B

Informative references

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

Construction of, or surfacing for, airfields	E01C
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B64F 1/362

[N: Installations for supplying conditioned air to parked aircraft]

Definition statement

This subclass/group covers:

- Fixed installations for supplying air-conditioned or electric power to aircraft
- Hoses therefor

Informative references

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

Air conditioning in general	F24F
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Special rules of classification within this group

There will be an indexing scheme for the following:

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

B64F 1/364

[N: Mobile units]

Definition statement

This subclass/group covers:

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

Informative references

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

Air conditioning in general	F24F
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B64F 1/366

[N: Baggage management installations; e.g. check-in counters]

Definition statement

This subclass/group covers:

- Check-in counters
- Routing baggage from counters to aircraft

Informative references

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

Detecting objects	G01V 5/0008
Entry or exit registers	G07C 9/00
Tags	G01V 15/00

Special rules of classification within this group

There will be an indexing scheme for the following:

Baggage management systems, e.g. for distributing or loading into aircraft

B64F 3/00

Ground installations specially adapted for captive aircraft (railway aspects B61)

Definition statement

This subclass/group 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](#))).

B64F 5/00

Designing, manufacturing, assembling, cleaning, maintaining, or repairing aircraft, not otherwise provided for

Definition statement

This subclass/group 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.

Informative references

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

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 17/5095
Administration, management	G06Q 10/00

Indicating or registering the working of machines	G07C 5/00
Devices for detecting or indicating a hard landing	B64D 2045/008
Devices for aircraft health monitoring	B64D 2045/0085
Computer-aided design of aircraft fuselages	G06F 2217/46

B64F 5/0009

[N: Assembling or manufacturing aircraft, e.g. jigs therefor]

Definition statement

This subclass/group covers:

- Devices specially adapted for assembling or manufacturing aircraft
- Jigs therefor

Informative references

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

Work benches	B25H 1/00
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B64F 5/0045

[N: Test or inspection of aircraft components or systems]

Definition statement

This subclass/group covers:

- Maintenance equipment
- Health monitoring

Informative references

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

Registering or indicating the working	G07C 5/00
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of vehicles	
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B64F 5/0054

[N: De-icing aircraft (aircraft-fitted installations for de-icing or preventing icing on exterior surfaces of aircraft B64D15/00)]

Definition statement

This subclass/group covers:

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

References relevant to classification in this group

This subclass/group does not cover:

Aircraft fitted installations for de-icing or preventing icing on exterior surfaces of aircraft	B64D 15/00
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Informative references

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

Alarm responsive to formation or anticipated formation of ice	G08B 19/02
Indicating weather conditions	G01W 1/00