

CPC**COOPERATIVE PATENT CLASSIFICATION****B64D****EQUIPMENT FOR FITTING IN OR TO AIRCRAFT; FLYING SUITS; PARACHUTES; ARRANGEMENTS OR MOUNTING OF POWER PLANTS OR PROPULSION TRANSMISSIONS IN AIRCRAFT****WARNING**

The following IPC groups are not used in the CPC scheme. Subject matter covered by these groups is classified in the following CPC groups:

B64D 15/18	covered by	B64D 15/16
B64D 25/102	covered by	B64D 25/10
B64D 25/105	covered by	B64D 25/10
B64D 25/108	covered by	B64D 25/10
B64D 25/11	covered by	B64D 25/10
B64D 25/112	covered by	B64D 25/10
B64D 25/115	covered by	B64D 25/10
B64D 25/118	covered by	B64D 25/10

B64D 1/00

Dropping, ejecting, releasing, or receiving articles, liquids, or the like, in flight (with respect to weapon sights devices [F41G](#) takes precedence, parachutes per se [B64D 17/00](#); ejectable seats [B64D 25/10](#); ejectable capsules [B64D 25/12](#); refuelling during flight [B64D 39/00](#); launching apparatus for projecting projectiles or missiles [F41F 1/00](#), [F41F 7/00](#); rocket or torpedo launchers [F41F 3/00](#))

B64D 1/02

- Dropping, ejecting, or releasing articles ([jettisonable fuel reservoirs B64D 37/12](#))

B64D 1/04

- the articles being explosive, e.g. bombs ([arming or setting bomb fuzes F42C](#))

B64D 1/06

- Bomb releasing; Bombs doors

B64D 1/08

- the articles being load-carrying devices

B64D 1/10

- Stowage arrangements for the devices in aircraft

B64D 1/12

- Releasing

B64D 1/14

- Absorbing landing shocks

B64D 1/16

- Dropping or releasing powdered, liquid, or gaseous matter, e.g. for fire-fighting ([jettisoning fuel B64D 37/26](#))

B64D 1/18

- by spraying, e.g. insecticides ([spraying apparatus per se B05B](#))

B64D 1/20

- for sky-writing

B64D 1/22

- Taking-up articles from earth's surface

B64D 3/00

Aircraft adaptations to facilitate towing or being towed ([B64D 39/00](#) takes precedence; ground installations for launching or towing aircraft [B64F](#); towing ropes per se [D07B](#))

B64D 3/02

- for towing targets ([towed targets per se F41J](#))

B64D 5/00

Aircraft transported by aircraft, e.g. for release or reberthing during flight (flying units formed by separate aircraft [B64C 37/02](#))

B64D 7/00	Arrangements of military equipment, e.g. armaments, armament accessories, or military shielding, in aircraft; Adaptations of armament mountings for aircraft (dropping bombs or the like B64D 1/00 ; armaments or mountings therefor per se F41)
B64D 7/02	<ul style="list-style-type: none"> the armaments being firearms
B64D 7/04	<ul style="list-style-type: none"> fixedly mounted
B64D 7/06	<ul style="list-style-type: none"> movably mounted
B64D 7/08	<ul style="list-style-type: none"> Arrangements of rocket launchers {or releasing means} (rocket launchers per se, e.g. rocket pods, F41F 3/06)
B64D 9/00	Equipment for handling freight; Equipment for facilitating passenger embarkation or the like (emergency equipment B64D 17/00 , B64D 19/00 , B64D 25/00 ; structures integral with fuselage to facilitate loading, fuselage floors specially adapted for freight, steps mounted on and retractable within aircraft B64C ; ground installations B64F)
B64D 9/003	<ul style="list-style-type: none"> {Devices for retaining pallets or freight containers (securing freight containers on vehicles B60P 7/00)}
B64D 2009/006	<ul style="list-style-type: none"> {Rollers or drives for pallets of freight containers; e.g. PDU}
B64D 10/00	Flying suits (helmets in general A42B 3/00 ; breathing helmets A62B 18/00)
B64D 2010/002	<ul style="list-style-type: none"> {Anti-g suits or garments}
B64D 2010/005	<ul style="list-style-type: none"> {High altitude suits or garments, e.g. partial or total pressure}
B64D 2010/007	<ul style="list-style-type: none"> {Suits with cooling or heating means}
B64D 11/00	Passenger or crew accommodation; Flight-deck installations not otherwise provided for
B64D 11/0007	<ul style="list-style-type: none"> {Devices specially adapted for food or beverage distribution services}
B64D 11/0015	<ul style="list-style-type: none"> {Arrangements for entertainment or communications, e.g. radio, television} <p><u>WARNING</u></p> <p>Groups B64D 11/00151 - B64D 11/00155 are incomplete pending reclassification of documents from group B64D 11/0015.</p> <p>Until reclassification is complete, groups B64D 11/00151 - B64D 11/00155 and B64D 11/0015 should be considered in order to perform a complete search.</p>
B64D 11/00151	<ul style="list-style-type: none"> {Permanently mounted seat back monitors}
B64D 11/00152	<ul style="list-style-type: none"> {Seat back fixtures for removable monitors, e.g. tablet computers}
B64D 11/00153	<ul style="list-style-type: none"> {Monitors mounted on or in the seat other than the seat back}
B64D 11/00154	<ul style="list-style-type: none"> {Loudspeakers mounted in the seat back}
B64D 11/00155	<ul style="list-style-type: none"> {Individual entertainment or communication system remote controls therefor, located in or connected to seat components, e.g. to seat back or arm rest}
B64D 11/0023	<ul style="list-style-type: none"> {Movable or removable cabin dividers, e.g. for class separation (bulkheads B64C 1/10)}
B64D 11/003	<ul style="list-style-type: none"> {Stowage devices for passengers' personal luggage}
B64D 2011/0038	<ul style="list-style-type: none"> {Illumination systems for cabins as a whole}

- B64D 2011/0046 . {Modular or preassembled units for creating cabin interior structures}
- B64D 2011/0053 . {Cabin passenger reading lights}
- B64D 2011/0061 . {Windows displaying outside view, artificially generated}
- B64D 2011/0069 . {Rest berths, beds or the like}
- B64D 2011/0076 . . {for crew members, e.g. for sleeping during flight}
- B64D 2011/0084 . . {Bed units for passengers attached to the ceiling of the fuselage}
- B64D 2011/0092 . . {Arrangements for mounting stretchers in aircraft cabins}
- B64D 11/02 . Toilet fittings (of general application [A47K](#))
- B64D 11/04 . Galleys
- B64D 11/06 . {Arrangements of seats, or adaptations or details specially adapted for aircraft seats (crew seat constructions for emergency purposes [B64D 25/04](#))}

WARNING

Groups [B64D 11/0601](#) - [B64D 11/0698](#) are incomplete pending reclassification of documents from group [B64D 11/06](#).

Until reclassification is complete, groups [B64D 11/0601](#) - [B64D 11/0698](#) and [B64D 11/06](#) should be considered in order to perform a complete search.

- B64D 11/0601 . . {Arrangement of seats for non-standard seating layouts, e.g. seats staggered horizontally or vertically, arranged in an angled or fishbone layout, or facing in other directions than the direction of flight}
- B64D 11/0602 . . {Seat modules, i.e. seat systems including furniture separate from the seat itself}
- B64D 11/0604 . . . {including a bed, e.g. cocoon type passenger seat modules}
- B64D 11/0605 . . . {including tables or desks}
- B64D 11/0606 . . {with privacy shells, screens, separators or the like (class dividers [B64D 11/0023](#))}
- B64D 11/0607 . . {with devices specially adapted for exercising during travel; with devices specially adapted to prevent thrombosis}
- B64D 11/0611 . . {with means for holding the passenger in a standing position}
- B64D 11/0612 . . {specially adapted for children}
- B64D 11/0616 . . {with ejection means}
- B64D 11/0619 . . {with energy absorbing means specially adapted for mitigating impact loads for passenger seats, e.g. at a crash}
- B64D 11/062 . . {Belts or other passenger restraint means for passenger seats}
- B64D 11/06205 . . . {Arrangements of airbags}
- B64D 11/0621 {Airbag initiation or activation means}
- B64D 11/0624 . . {Arrangements of electrical connectors, e.g. for earphone, internet or electric supply}
- B64D 11/0626 . . {with individual temperature or ventilation control}
- B64D 11/0627 . . {Seats combined with storage means}

B64D 11/0629 . . . {the storage means being specially adapted for emergency equipment}

WARNING

Groups [B64D 11/0631](#) - [B64D 11/0633](#) is/are incomplete pending reclassification of documents from group [B64D 11/0629](#).

Until reclassification is complete, groups [B64D 11/0631](#) - [B64D 11/0633](#) and [B64D 11/0629](#) should be considered in order to perform a complete search.

B64D 11/0631 {for life vests}

B64D 11/0632 {for breathing apparatus}

B64D 11/0633 {for devices other than life vests and intended for external use, e.g. parachutes or life rafts}

B64D 11/0636 . . . {Personal storage means or waste disposal bags}

B64D 11/0638 . . {with foldable tables, trays or cup holders}

B64D 11/0639 . . {with features for adjustment or converting of seats}

B64D 11/06395 . . . {characterised by the arrangement of electric motors for adjustment}

B64D 11/064 . . . {Adjustable inclination or position of seats}

B64D 11/0641 . . . {Seats convertible into beds}

B64D 11/0642 . . . {Adjustable headrests}

B64D 11/0643 . . . {Adjustable foot or leg rests}

B64D 11/0644 . . . {Adjustable arm rests}

B64D 11/0646 . . {Seats characterised by special features of stationary arms, foot or head rests}

B64D 11/0647 . . {Seats characterised by special upholstery or cushioning features}

B64D 11/0648 . . {Lower frame constructions}

B64D 11/0649 . . {Seats characterised by special features for reducing weight}

B64D 11/0689 . . {specially adapted for pilots}

B64D 11/0691 . . {specially adapted for cabin crew}

B64D 11/0693 . . {Width modification of seat assemblies, e.g. for class modification}

B64D 11/0696 . . {Means for fastening seats to floors, e.g. to floor rails}

B64D 11/0697 . . {Seats suspended from aircraft ceiling}

B64D 11/0698 . . {Seats suspended from aircraft walls}

B64D 13/00 **Arrangements or adaptations of air-treatment apparatus for aircraft crew or passenger, or freight space; {or structural parts of the aircraft}** (treatment rooms with artificial climate for medical purposes [A61G 10/02](#); respiratory apparatus in general [A62B](#); for vehicles in general [B60H](#))

B64D 2013/003 . {Cabin ventilation nozzles}

B64D 13/006 . {the air being used to cool structural parts of the aircraft}

B64D 13/02 . the air being pressurised

B64D 13/04 . . Automatic control of pressure

B64D 13/06 . the air being conditioned ([pressurising B64D 13/02](#))

B64D 2013/0603 . . {Environmental Control Systems}

B64D 2013/0607	. . . {providing hot air or liquid for deicing aircraft parts, e.g. aerodynamic surfaces or windows}
B64D 2013/0611	. . . {combined with auxiliary power units (APU's)}
B64D 2013/0614	. . . {with subsystems for cooling avionics}
B64D 2013/0618	. . . {with arrangements for reducing or managing bleed air, using another air source, e.g. ram air}
B64D 2013/0622	. . . {used in combination with boundary layer control systems}
B64D 2013/0625	. . . {comprising means for distribution effusion of conditioned air in the cabin}
B64D 2013/0629	. . . {with subsystems for cooling food, catering or special loads}
B64D 2013/0633	. . . {including chemical reaction-based thermal management systems}
B64D 2013/0637	. . . {with CO ₂ removers}
B64D 2013/064	. . . {comprising more than one system, e.g. dual systems}
B64D 2013/0644	. . . {including electric motors or generators}
B64D 2013/0648	. . . {with energy recovery means, e.g. using turbines}
B64D 2013/0651	. . . {comprising filters, e.g. dust filters}
B64D 2013/0655	. . . {with zone or personal climate controls}
B64D 2013/0659	. . . {comprising provisions for cooling fuel systems}
B64D 2013/0662	. . . {with humidity control}
B64D 2013/0666	. . . {with means for preventing icing within the ECS components}
B64D 2013/067	. . . {with air ionizers}
B64D 2013/0674	. . . {comprising liquid subsystems}
B64D 2013/0677	. . . {comprising on board oxygen generator systems}
B64D 2013/0681	. . . {with oxygen control}
B64D 2013/0685	. . . {with ozone control}
B64D 2013/0688	. . . {with means for recirculating cabin air}
B64D 2013/0692	. . . {with special provisions against smoke from cigarettes}
B64D 2013/0696	. . . {with provisions for starting power plants}
B64D 13/08	. . the air being heated or cooled

B64D 15/00

De-icing or preventing icing on exterior surfaces of aircraft (motor vehicles specially adapted for carrying de-icing equipment [B60P](#); {Ground-installations for de-icing aircraft [B64F 5/0036](#)})

B64D 15/02	. by ducted hot gas or liquid
B64D 15/04	. . Hot gas application
B64D 15/06	. . Liquid application (in general B05)
B64D 15/08	. . . exuded from surface
B64D 15/10	. . . sprayed over surface
B64D 15/12	. by electric heating (electric heating elements in general H05B)
B64D 15/14	. . controlled cyclically along length of surface
B64D 15/16	. by mechanical means
B64D 15/163	. . {using electro-impulsive devices}

B64D 15/166	<ul style="list-style-type: none"> <ul style="list-style-type: none"> {using pneumatic boots}
B64D 15/20	<ul style="list-style-type: none"> Means for detecting icing or initiating de-icing
B64D 15/22	<ul style="list-style-type: none"> <ul style="list-style-type: none"> Automatic initiation by icing detector
B64D 17/00	Parachutes (non canopied parachutes B64D 19/00)
B64D 17/02	<ul style="list-style-type: none"> Canopy arrangement or construction
	NOTE
	B64D 17/025 takes precedence over B64D 17/04 - B64D 17/18
B64D 17/025	<ul style="list-style-type: none"> <ul style="list-style-type: none"> {for gliding chutes}
B64D 17/04	<ul style="list-style-type: none"> <ul style="list-style-type: none"> formed with two or more canopies arranged about a common axis
B64D 17/06	<ul style="list-style-type: none"> <ul style="list-style-type: none"> formed with two or more canopies arranged in a cluster
B64D 17/08	<ul style="list-style-type: none"> <ul style="list-style-type: none"> Secondary or shock-absorbing canopies attached to load line
B64D 17/10	<ul style="list-style-type: none"> <ul style="list-style-type: none"> Ribbon construction or the like
B64D 17/12	<ul style="list-style-type: none"> <ul style="list-style-type: none"> constructed to provide variable or non-uniform porosity over area of canopy
B64D 17/14	<ul style="list-style-type: none"> <ul style="list-style-type: none"> with skirt or air-deflecting panels
B64D 17/16	<ul style="list-style-type: none"> <ul style="list-style-type: none"> <ul style="list-style-type: none"> secured to hem of main canopy
B64D 17/18	<ul style="list-style-type: none"> <ul style="list-style-type: none"> Vent arrangement or construction
B64D 17/20	<ul style="list-style-type: none"> <ul style="list-style-type: none"> <ul style="list-style-type: none"> variable in area
B64D 17/22	<ul style="list-style-type: none"> Load suspension
B64D 17/24	<ul style="list-style-type: none"> <ul style="list-style-type: none"> Rigging lines
B64D 17/26	<ul style="list-style-type: none"> <ul style="list-style-type: none"> <ul style="list-style-type: none"> attached to hem of canopy
B64D 17/28	<ul style="list-style-type: none"> <ul style="list-style-type: none"> <ul style="list-style-type: none"> attached to apex of canopy
B64D 17/30	<ul style="list-style-type: none"> <ul style="list-style-type: none"> Harnesses (harnesses per se A62B)
B64D 17/32	<ul style="list-style-type: none"> <ul style="list-style-type: none"> <ul style="list-style-type: none"> Construction of quick-release box
B64D 17/34	<ul style="list-style-type: none"> <ul style="list-style-type: none"> adapted to control direction or rate of descent
B64D 17/343	<ul style="list-style-type: none"> <ul style="list-style-type: none"> <ul style="list-style-type: none"> {by reefing means}
B64D 17/346	<ul style="list-style-type: none"> <ul style="list-style-type: none"> <ul style="list-style-type: none"> {by anti-squid lines}
B64D 17/36	<ul style="list-style-type: none"> <ul style="list-style-type: none"> incorporating friction devices or frangible connections to reduce shock loading of canopy {(B64D 17/343, B64D 17/346 take precedence)}
B64D 17/38	<ul style="list-style-type: none"> <ul style="list-style-type: none"> Releasable fastening devices between parachute and load or pack
B64D 17/383	<ul style="list-style-type: none"> <ul style="list-style-type: none"> <ul style="list-style-type: none"> {Cargo release hooks}
B64D 17/386	<ul style="list-style-type: none"> <ul style="list-style-type: none"> <ul style="list-style-type: none"> {Devices adapted to cut lines or straps}
B64D 17/40	<ul style="list-style-type: none"> Packs
B64D 17/42	<ul style="list-style-type: none"> <ul style="list-style-type: none"> rigid
B64D 17/44	<ul style="list-style-type: none"> <ul style="list-style-type: none"> <ul style="list-style-type: none"> forming part of load
B64D 17/46	<ul style="list-style-type: none"> <ul style="list-style-type: none"> Closing means
B64D 17/48	<ul style="list-style-type: none"> <ul style="list-style-type: none"> with separate pack for extractor of auxiliary parachute
B64D 17/50	<ul style="list-style-type: none"> <ul style="list-style-type: none"> formed with separate compartments for main canopy, rigging lines, or auxiliary parachute
B64D 17/52	<ul style="list-style-type: none"> <ul style="list-style-type: none"> Opening, e.g. manual

B64D 17/54	. . . automatic
B64D 17/56	. . . . responsive to barometric pressure
B64D 17/58	. . . . responsive to time-delay mechanism
B64D 17/60	. . . . by static line
B64D 17/62	. Deployment
B64D 17/64	. . by extractor parachute
B64D 17/66	. . . attached to hem of main canopy
B64D 17/68	. . . attached to apex of main canopy
B64D 17/70	. . by springs
B64D 17/72	. . by explosive or inflatable means
B64D 17/725	. . . {by explosive means}
B64D 17/74	. . Sequential deployment of a plurality of canopies
B64D 17/76	. . facilitated by method of folding or packing
B64D 17/78	. in association with other load-retarding apparatus
B64D 17/80	. in association with aircraft, e.g. for braking thereof
B64D 19/00	Non-canopied parachutes
B64D 19/02	. Rotary-wing parachutes
B64D 21/00	Testing of parachutes
B64D 23/00	Training of parachutists
B64D 25/00	Emergency apparatus or devices, not otherwise provided for (parachutes B64D 17/00 , B64D 19/00 ; jettisoning of fuel tanks or fuel per se B64D 37/00 ; {specially adapted for protection against criminal attack, e.g. anti-hijacking systems B64D 45/0015 } ; safety belts or body harnesses in general A62B 35/00 ; safety belts or body harnesses for land vehicles B60R 22/00 ; jettisonable parts of fuselage facilitating emergency escape B64C)
B64D 25/02	. Supports or holding means for living bodies
B64D 25/04	. . Seat modifications
B64D 25/06	. . Harnessing
B64D 25/08	. Ejecting or escaping means (escape apertures B64C)
B64D 25/10	. . Ejector seats
B64D 25/12	. . Ejectable capsules
B64D 25/14	. . Inflatable escape chutes
B64D 25/16	. . Dinghy stowage
B64D 25/18	. . Flotation gear (aircraft alighting gear B64C)
B64D 25/20	. . Releasing of crash position indicators
B64D 27/00	Arrangement or mounting of power plant in aircraft; Aircraft characterised thereby (attitude, flight direction, or altitude control of aircraft by jet reaction B64C)
B64D 2027/005	. {Aircraft with an unducted turbofan comprising contra-rotating rotors, e.g. contra-rotating open rotors [CROR]}

- B64D 27/02 . Aircraft characterised by the type or position of power plant ([fuselages or wings adapted for mounting power plant B64C](#))
- B64D 27/023 . . {of rocket type e.g. for assisting taking-off or braking}
- B64D 2027/026 . . {comprising different types of power plants, e.g. combination of an electric motor and a gas-turbines}
- B64D 27/04 . . of piston type
- B64D 27/06 . . . within or attached to wing
- B64D 27/08 . . . within or attached to fuselage
- B64D 27/10 . . of gas-turbine type ([B64D 27/16 takes precedence](#))
- B64D 27/12 . . . within or attached to wing
- B64D 27/14 . . . within or attached to fuselage
- B64D 27/16 . . of jet type
- B64D 27/18 . . . within or attached to wing
- B64D 27/20 . . . within or attached to fuselage
- B64D 27/22 . . using atomic energy
- B64D 27/24 . . using steam, electricity, or spring force ([B64D 27/16 takes precedence](#))
- B64D 27/26 . Aircraft characterised by construction of power-plant mounting
- B64D 2027/262 . . {Engine support arrangements or elements}
- B64D 2027/264 . . . {comprising box like supporting frames}
- B64D 2027/266 . . . {comprising suspension arrangements for supporting vertical loads}
- B64D 2027/268 . . . {comprising thrust links}

- B64D 29/00** **Power-plant nacelles, fairings, or cowlings** ([nacelles not otherwise provided for B64C](#))
- B64D 29/02 . associated with wings ([wings adapted for mounting power plant B64C](#))
- B64D 29/04 . associated with fuselages
- B64D 29/06 . Attaching of nacelles, fairings or cowlings
- B64D 29/08 . Inspection panels for power plants

- B64D 31/00** **Power plant control; Arrangement thereof** ([F02 takes precedence](#)) [flying controls B64C](#))
- B64D 31/02 . Initiating means
- B64D 31/04 . . actuated personally
- B64D 31/06 . . actuated automatically
- B64D 31/08 . . . for keeping cruising speed constant ([conjoint control of power plant and propeller B64C](#))
- B64D 31/10 . . . for preventing asymmetric thrust upon failure of one power plant
- B64D 31/12 . . . for equalising or synchronising power plants
- B64D 31/14 . Transmitting means between initiating means and power plants

- B64D 33/00** **Arrangements in aircraft of power plant parts or auxiliaries not otherwise provided for**

- B64D 33/02
 - of combustion air intakes (air intakes for gas-turbine plants or jet-propulsion plants per se [F02C 7/04](#); air intakes for combustion engines in general [F02M 35/00](#))
- B64D 2033/0206
 - . {comprising noise reduction means, e.g. acoustic liners}
- B64D 2033/0213
 - . {specially adapted for auxiliary power units (APU's)}
- B64D 2033/022
 - . {comprising bird or foreign object protections}
- B64D 2033/0226
 - . {comprising boundary layer control means}
- B64D 2033/0233
 - . {comprising de-icing means}
- B64D 2033/024
 - . {comprising cooling means}
- B64D 2033/0246
 - . {comprising particle separators}
- B64D 2033/0253
 - . {specially adapted for particular type of aircraft}
- B64D 2033/026
 - . . {for supersonic or hypersonic aircraft}
- B64D 2033/0266
 - . {specially adapted for particular type of power plants}
- B64D 2033/0273
 - . . {for jet engines}
- B64D 2033/028
 - . . {for piston engines}
- B64D 2033/0286
 - . . {for turbofan engines}
- B64D 2033/0293
 - . . {for turboprop engines}
- B64D 33/04
 - of exhaust outlets or jet pipes (exhaust outlets for combustion engines in general [F01N](#); jet pipes or nozzles for jet-propulsion plants per se [F02K](#); plants characterised by the form or arrangement of the jet pipe or nozzle [F02K](#) {attitude, flight direction, or altitude control by jet reaction [B64C](#)})
- B64D 2033/045
 - . {comprising infrared suppressors}
- B64D 33/06
 - . Silencing exhaust or propulsion jets (ground installations [B64F](#))
- B64D 33/08
 - of power plant cooling systems (cooling of internal-combustion engines per se [F01P](#); cooling of gas-turbine plants or jet-propulsion plants per se [F02C](#), [F02K](#))
- B64D 33/10
 - . Radiator arrangement
- B64D 33/12
 - . . of retractable type
- B64D 35/00**

Transmitting power from power plant to propellers or rotors; Arrangements of transmissions (propellers or rotors per se, helicopter transmissions [B64C](#))
- B64D 35/02
 - characterised by the type of power plant
- B64D 35/04
 - characterised by the transmission driving a plurality of propellers or rotors
- B64D 35/06
 - . the propellers or rotors being counter-rotating
- B64D 35/08
 - characterised by the transmission being driven by a plurality of power plants
- B64D 37/00**

Arrangements in connection with fuel supply for power plant (refuelling during flight [B64D 39/00](#))
- B64D 37/005
 - {Accessories not provided for in the groups [B64D 37/02](#) to [B64D 37/28](#)}
- B64D 37/02
 - Tanks (tanks constructed integrally with aircraft wings [B64C](#); shape or construction of tanks per se [B65D](#))
- B64D 37/04
 - . Arrangement thereof in or on aircraft
- B64D 37/06
 - . Constructional adaptations thereof
- B64D 37/08
 - . . Internal partitioning

B64D 37/10	<ul style="list-style-type: none"> to facilitate fuel pressurisation
B64D 37/12	<ul style="list-style-type: none"> jettisonable
B64D 37/14	<ul style="list-style-type: none"> Filling or emptying (transferring fuels to adjust aircraft trim B64C)
B64D 37/16	<ul style="list-style-type: none"> Filling systems (ground installations for fuelling aircraft B64F)
B64D 37/18	<ul style="list-style-type: none"> Conditioning fuel during filling
B64D 37/20	<ul style="list-style-type: none"> Emptying systems
B64D 37/22	<ul style="list-style-type: none"> facilitating emptying in any position of tank
B64D 37/24	<ul style="list-style-type: none"> using gas pressure
B64D 37/26	<ul style="list-style-type: none"> Jettisoning of fuel
B64D 37/28	<ul style="list-style-type: none"> Control thereof
B64D 37/30	<ul style="list-style-type: none"> Fuel systems for specific fuels
B64D 37/32	<ul style="list-style-type: none"> Safety measures not otherwise provided for, e.g. preventing explosive conditions (extinguishing or preventing fires in aircraft A62C)
B64D 2037/325	<ul style="list-style-type: none"> {Fuel tanks with provisions for reduction hydraulic ram shocks due to projectile impacts}
B64D 37/34	<ul style="list-style-type: none"> Conditioning fuel, e.g. heating (during filling B64D 37/18)
B64D 39/00	Refuelling during flight (filling or emptying fuel tanks B64D 37/14)
B64D 39/02	<ul style="list-style-type: none"> Means for paying-in or out hose
B64D 39/04	<ul style="list-style-type: none"> Adaptations of hose construction (pipes in general F16L)
B64D 39/06	<ul style="list-style-type: none"> Connecting hose to aircraft; Disconnecting hose therefrom
B64D 41/00	Power installations for auxiliary purposes
B64D 2041/002	<ul style="list-style-type: none"> {Mounting arrangements for auxiliary power units (APU's)}
B64D 2041/005	<ul style="list-style-type: none"> {Fuel cells}
B64D 41/007	<ul style="list-style-type: none"> {Ram air turbines}
B64D 43/00	Arrangements or adaptations of instruments (arrangements of cameras B64D 47/08; aeronautical measuring instruments per se G01C)
B64D 43/02	<ul style="list-style-type: none"> for indicating aircraft speed or stalling conditions
B64D 45/00	Aircraft indicators or protectors not otherwise provided for (camouflage F41H 3/00)
B64D 45/0005	<ul style="list-style-type: none"> {Devices specially adapted to indicate the position of a movable element of the aircraft, e.g. landing gear}
B64D 2045/001	<ul style="list-style-type: none"> {for indicating symmetry of flaps deflection}
B64D 45/0015	<ul style="list-style-type: none"> {Devices specially adapted for the protection against criminal attack, e.g. anti-hijacking systems}
B64D 2045/002	<ul style="list-style-type: none"> {by disabling or restraining attackers}
B64D 2045/0025	<ul style="list-style-type: none"> {by spraying gases in cabins ,or by shooting darts with anesthetic effects}
B64D 2045/003	<ul style="list-style-type: none"> {by monitoring cabins}
B64D 2045/0035	<ul style="list-style-type: none"> {using cameras}
B64D 2045/004	<ul style="list-style-type: none"> {detecting passenger or pilot behaviors by sensors, e.g. biometrics}

B64D 2045/0045	<ul style="list-style-type: none"> • {by communicating emergency situations to ground control, or between crew members}
B64D 2045/005	<ul style="list-style-type: none"> • {by protecting cabin or luggage from bombs}
B64D 2045/0055	<ul style="list-style-type: none"> • {by overriding pilot's controls, or by directing aircraft from ground control to avoid certain paths or zones}
B64D 2045/006	<ul style="list-style-type: none"> • {by avoiding the use of electronic equipment during flight, e.g. of mobile phones or laptops}
B64D 2045/0065	<ul style="list-style-type: none"> • {Black boxes, devices automatically broadcasting distress signals}
B64D 2045/007	<ul style="list-style-type: none"> • {Indicators or signs in the cabin, e.g. exit signs or seat numbering}
B64D 2045/0075	<ul style="list-style-type: none"> • {Adaptations for use of electronic flight bags in aircraft; Supports therefor in the cockpit}
B64D 2045/008	<ul style="list-style-type: none"> • {Devices for detecting or indicating hard landing}
B64D 2045/0085	<ul style="list-style-type: none"> • {Devices for aircraft health monitoring, e.g. monitoring flutter or vibration}
B64D 2045/009	<ul style="list-style-type: none"> • {Fire detection or protection; Erosion protection, e.g. from airborne particles}
B64D 2045/0095	<ul style="list-style-type: none"> • {Devices specially adapted to avoid bird strike}
B64D 45/02	<ul style="list-style-type: none"> • Lightning protectors; Static dischargers (in general H01T)
B64D 45/04	<ul style="list-style-type: none"> • Landing aids; Safety measures to prevent collision with earth's surface
B64D 45/06	<ul style="list-style-type: none"> • • mechanical
B64D 45/08	<ul style="list-style-type: none"> • • optical
B64D 47/00	Equipment not otherwise provided for
B64D 47/02	<ul style="list-style-type: none"> • Arrangements or adaptations of signal or lighting devices
B64D 47/04	<ul style="list-style-type: none"> • • the lighting devices being primarily intended to illuminate the way ahead
B64D 47/06	<ul style="list-style-type: none"> • • for indicating aircraft presence
B64D 47/08	<ul style="list-style-type: none"> • Arrangements of cameras
B64D 2201/00	Airbags mounted in aircraft for any use
B64D 2203/00	Aircraft or airfield lights using LEDs
B64D 2205/00	Aircraft with means for ground manoeuvring, such as taxiing, using an auxiliary thrust system, e.g. jet-engines, propellers or compressed air
B64D 2211/00	Arrangements of solar panels on aircraft
B64D 2221/00	Electric power distribution systems onboard aircraft
B64D 2231/00	Emergency oxygen systems
B64D 2231/02	<ul style="list-style-type: none"> • Supply or distribution systems
B64D 2231/025	<ul style="list-style-type: none"> • • Oxygen masks; Mask storages (seats combined with storage means, said storage means being specially adapted for emergency equipment B64D 11/0629); Features related to mask deployment
B64D 2241/00	NACA type air intakes
B64D 2700/00	** to be decided **

B64D 2700/62	. ** to be decided **
B64D 2700/62008	. . Aircraft equipment
B64D 2700/62017	. . . Respiratory apparatus for high altitude
B64D 2700/62026	. . . . Pressurised cabins
B64D 2700/62035	. . . . . Pressure control valves
B64D 2700/62043	. . . Indicators; Protective devices
B64D 2700/62052	. . . . De-icing or preventing icing
B64D 2700/62061	. . . . . of structural elements, e.g. fuselage, wings and the like
B64D 2700/6207	. . . . by mechanical means
B64D 2700/62078	. . . . by electric heating
B64D 2700/62087	. . . . by ducted exhaust gas
B64D 2700/62096	. . . . . of propellers
B64D 2700/62105	. . . . by mechanical means
B64D 2700/62114	. . . . by electric heating
B64D 2700/62122	. . . . by ducted exhaust gas
B64D 2700/62131	. . . . . of windows or air intakes
B64D 2700/6214	. . . . by mechanical means
B64D 2700/62149	. . . . by electric heating
B64D 2700/62157	. . . . by ducted exhaust gas
B64D 2700/62166	. . . Mounting of instruments
B64D 2700/62175	. . Dashboards; Radar antennae; Chart tables
B64D 2700/62184	. . Measuring instruments
B64D 2700/62192	. . . not using electrical means
B64D 2700/62201	. . . . Turbulence detectors not using radar signals
B64D 2700/6221	. . . using electrical means
B64D 2700/62219	. . . . Electric safety devices
B64D 2700/62228	. . . . Electric compensation or correction devices
B64D 2700/62236	. . . . Electrical circuits for acceleration indicators
B64D 2700/62245	. . . . Electric circuits for rate of change indicators
B64D 2700/62254	. . . . . Airspeed indicators
B64D 2700/62263	. . . . . Devices indicating or eliminating decrease of the airspeed
B64D 2700/62271	. . . . Roll, pitch or yaw indicators
B64D 2700/6228	. . . . . Airflow direction indicators
B64D 2700/62289	. . . Flight recorders, e.g. black boxes
B64D 2700/62298	. . Weight and center of gravity indicators
B64D 2700/62307	. . . Tanks
B64D 2700/62315	. . Tanks or accessories
B64D 2700/62324	. . . Manufacturing and materials
B64D 2700/62333	. . . . Special panels
B64D 2700/62342	. . . . . Flexible or foldable panels

B64D 2700/6235	. . . . .	Self-sealing or double panels; Tanks suspended elastically
B64D 2700/62359	. . . . .	Thermally insulated walls
B64D 2700/62368	. . .	Fluid level indicators
B64D 2700/62377	. . .	Accessories, e.g. packs, floats, valves
B64D 2700/62385	. .	Mounting of tanks; Supporting devices
B64D 2700/62394	. . .	Auxiliary tanks; Tanks convertible into floating devices
B64D 2700/62403	. . .	Wing parts used as fuel tanks
B64D 2700/62412	. .	Emptying or filling of tanks
B64D 2700/62421	. . .	Emptying devices
B64D 2700/62429	. . . .	Flow lines; Couplings
B64D 2700/62438	. .	Safety devices for tanks
B64D 2700/62447	. . .	Fire preventing devices
B64D 2700/62456	. . . .	Explosion preventing devices
B64D 2700/62464	. . .	Devices for degassing fuel or for controlling boiloff
B64D 2700/62473	. . .	Parachutes
B64D 2700/62482	. .	Parts or accessories
B64D 2700/62491	. . .	Construction of canopies
B64D 2700/625	. . .	Load suspension; Harnesses or quick release boxes
B64D 2700/62508	. .	Disposition or mounting in aircraft
B64D 2700/62517	. .	Manufacturing or packing
B64D 2700/62526	. . .	Parachutes with a rigid armature
B64D 2700/62535	. . .	Means for deflating the parachute after use
B64D 2700/62543	. . .	Means to open or to close the parachute pack
B64D 2700/62552	. . .	Devices to open or to drive the parachute during fall
B64D 2700/62561	. . . .	Devices to control the time or rate of the opening; Deceleration devices
B64D 2700/6257	. . . .	Opening induced by means other than airstream
B64D 2700/62578	. .	Special uses of parachutes or similar devices
B64D 2700/62587	. .	Other emergency devices, e.g. balloons, parachutes with propellers
B64D 2700/62596	. . .	Dropping, ejecting, releasing or receiving articles during flight
B64D 2700/62605	. .	Dropping, ejecting or releasing articles
B64D 2700/62614	. . .	the article being explosive, e.g. bombs
B64D 2700/62622	. . . .	equipped with parachutes, rotary wings or rudders
B64D 2700/62631	. . .	Armaments
B64D 2700/6264	. .	Mounting of flame-projectors
B64D 2700/62649	. .	Mounting of firearms
B64D 2700/62657	. .	Devices adapted to shoot through the hollow propeller shaft
B64D 2700/62666	. . .	Means for protecting aircraft against aerial barriers
B64D 2700/62675	. . .	Turrets which can be lowered
B64D 2700/62684	. . .	General disposition of the aircraft in relation to the propulsion means

B64D 2700/62692	. .	Tractive or propulsive propellers
B64D 2700/62701	. . .	operated by hydraulic power
B64D 2700/6271	. . .	operated by electrical power
B64D 2700/62719	. . .	jet-driven
B64D 2700/62728	. . .	Specific for seaplanes or amphibian aircrafts
B64D 2700/62736	. .	jet propulsion
B64D 2700/62745	. . .	combined with propellers
B64D 2700/62754	. . .	combined with jet-deflectors
B64D 2700/62763	. . .	Propulsion or transmission devices
B64D 2700/62771	. .	General arrangements
B64D 2700/6278	. . .	in propeller driven aircraft
B64D 2700/62789	. . . .	In seaplanes or amphibian aircraft
B64D 2700/62798	. . . .	One propeller being driven by several engines
B64D 2700/62807	. . . .	Several non-coaxial propellers driven by only one engine
B64D 2700/62815	. . . .	Double propellers
B64D 2700/62824	. . . . .	co-rotating
B64D 2700/62833	. . . . .	counter-rotating
B64D 2700/62842	. . . . .	driven by only one engine
B64D 2700/6285	. . . . .	driven by several engines
B64D 2700/62859	. . .	in jet propulsion aircraft
B64D 2700/62868	. .	Manufacturing of propellers or propulsive wheels
B64D 2700/62877	. . .	Variable-pitch blades
B64D 2700/62885	. . . .	Torque transmission to the propeller shaft
B64D 2700/62894	. . . . .	Coupling between motor shaft and propeller shaft
B64D 2700/62903	. . . . .	through an overrunning coupling, a friction clutch, an adjustable slipping coupling, a hydraulic coupling or a retarding coupling
B64D 2700/62912	. . . . .	through a device which changes the direction of rotation of the propeller relative to the engine
B64D 2700/62921	. . . . .	Brakes arranged on the propeller shaft
B64D 2700/62929	. . . . .	Lubrication of the transmission
B64D 2700/62938	. . .	Arrangements of propulsion plants
B64D 2700/62947	. . . .	in propeller driven aircraft
B64D 2700/62956	. . . .	in jet propulsion aircraft
B64D 2700/62964	. . . .	Engines ejectable during flight
B64D 2700/62973	. . . .	Heating and cooling devices
B64D 2700/62982	. . . .	Elastic suspension using rubber
B64D 2700/62991	. . .	Devices for braking or boosting aircraft, e.g. auxiliary propeller, rockets, jets, take-off assistance