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CIVIL AERONAUTICS MANUAL 42

U. S. Department of Commerce — Civil Aeronautics Administration

Civil Aeronautics Manuals and supplements thereto are issued by the Office of Aviation Safety, Civil Aeronautics Administration, for the guidance of the public and are published in the Federal Register and the Code of Federal Regulations.

Supplement No. 6 — July 1, 1952

SUBJECT: Revisions to CAM 42

The purpose of this supplement is to provide holders of Civil Aeronautics Manual 42 with revised CAA rules and policies issued pursuant to Civil Air Regulation 42.24-4. This revised portion of CAM 42 was published in the Federal Register on November 17, 1951, and March 29, 1952.

Instructions for insertion of revised manual pages:

REMOVE AND DESTROY THE FOLLOWING PAGES	INSERT IN LIEU THEREOF THE FOLLOWING PAGES
42.24-4 and on the back 42.24-4	42.24-4

Office of Aviation Safety — E. S. HENSLEY, Director

42.24-1 FIRST-AID AND EMERGENCY EQUIPMENT. ***(CAA policies which apply to section 42.24.)***

First-aid kits, flotation equipment, and other emergency gear shall regularly be inspected to determine their condition and shall be provided with a means for readily determining that such equipment has not been tampered with or articles removed since last inspection. This will normally be accomplished by means of seals showing date or time of last inspection on each kit or item of emergency equipment.

The adequacy of all emergency equipment will be determined by the Administrator.

§ 42.24-2 *First-aid kits (CAA policies which apply to § 42.24).* Each first-aid kit should be dust and moisture proof, should contain only materials which meet Federal Specifications GGK 391, as revised, and should include at least the following items or their equivalent:

(a) *No. 1 kit for aircraft of 1-5 passengers.*

1 Adhesive bandage compresses, 1" (16 per unit).
1 Antiseptic swabs, 10 mm. (10 per unit).
1 Ammonia inhalants, 6 mm. (10 per unit).
1 Ammonia, aromatic spirits, 2 cc. with drinking cups (4 each per unit).
1 2" Bandage compresses (4 per unit).
1 4" Bandage compress (1 per unit).
1 Triangular bandage compressed, 40" (1 per unit).
1 Burn compound, ⅛ oz. (6 per unit).
1 Tourniquet, forceps and scissors (1 each per double unit container).

(b) *No. 2 kit for aircraft of 5-25 passengers.*[1]

2 Adhesive bandage compresses, 1" (16 per unit).
2 Antiseptic swabs, 10 mm. (10 per unit).
1 Ammonia inhalants, 6 mm. (10 per unit).
2 Ammonia, aromatic spirits, 2 cc. with drinking cups (4 each per unit).
2 2" Bandage compresses (4 per unit).
2 4" Bandage compresses (1 per unit).
1 Triangular bandage compressed, 40" (1 per unit).
1 Burn compound, ⅛ oz. (6 per unit).
1 Tourniquet, forceps and scissors (1 each per double unit container).
1 Eye dressing packet (3 each per unit). (ophthalmic ointment, ⅛ oz.; eye pads; eye strips).

[1] Kit No. 2 in canvas may also be used on life rafts.

(c) *No. 3 kit for aircraft of 25-up passengers.*

4 Adhesive bandage compresses, 1" (16 per unit).
2 Antiseptic swabs, 10 mm. (10 per unit).
2 Ammonia inhalants, 6 mm. (10 per unit).
2 Ammonia, aromatic spirits, 2 cc. with drinking cups (4 each per unit).
3 2" Bandage compresses (4 per unit).
3 4" Bandage compresses (1 per unit).
3 Triangular bandage compressed, 40" (1 per unit).
2 Burn compound, ⅛ oz. (6 per unit).
1 Tourniquet, forceps, scissors (1 each per double unit container).
1 Eye dressing packet (3 each per unit) (ophthalmic ointment, ⅛ oz.; eye pads; eye strips).

42.24-3 EMERGENCY EVACUATION EQUIPMENT. ***(CAA policies which apply to section 42.24 (a).)***

This requirement includes under emergency evacuation equipment such items as: ropes, ladders, chutes, etc., when such equipment is necessary for safe, rapid evacuation of passengers and crew in event of emergency or crash landings; e. g., a DC-4 would require such equipment, while a DC-3 normally would not, due to differences in height from fuselage exits to ground. This equipment shall be approved by the CAA after demonstration of the adequacy of the equipment. Instructions shall be included on placards within the aircraft as to the location and operation of such evacuation equipment or procedures for briefing occupants of the aircraft shall be included as a part of the Operations Manual, if required by § 42.60.

42.24-4 EMERGENCY EQUIPMENT. ***(CAA rules which apply to section 42.24 (b).)***

(a) GENERAL. The aircraft shall be equipped with the appropriate emergency equipment specified herein. When the type of operation requires more than one class of equipment, it will not be necessary to carry more than one supply of items duplicated in another list.

(b) TROPICAL LAND AREAS—
1 first-aid kit (from aircraft),
1 machete,
1 axe,
1 mosquito headnet for each person,
1 bottle insect repellent for each person,
1 pint drinking water for each person,
1 bottle chlorine tablets for water purification,
1 waterproof box of matches,
1 magnetic compass,
1 bottle quinine tablets,
1 signalling mirror,
1 pyrotechnic pistol and 6 cartridges,
1 small bore rifle and cartridges,
1 hunting knife,
1 fishing kit,
1 snake bite kit,
1 book on jungle survival.

(c) FRIGID LAND AREAS—
1 first-aid kit (from aircraft),
1 machete,
1 axe,
1 blanket for each person,
2 pairs snowshoes,
1 pair sun glasses for each person,
1 book on Arctic survival,
1 waterproof box of matches,
1 magnetic compass,
1 bottle of chlorine tablets for water,
1 signalling mirror,
1 pyrotechnic pistol and 6 cartridges,
1 small-bore rifle and cartridges,
1 hunting knife,
5-day supply emergency food ration for each person,
1 pint drinking water for each person.

(d) TROPICAL WATER AREAS—
1 Gibson-girl radio and accessories,
1 first-aid kit (from aircraft),
1 life vest for each person.
Sufficient number of life rafts to accommodate all persons.
Each life raft shall contain the following:
1 canopy (for sail, sunshade, or for rain catcher),
1 life raft repair kit,
1 bailing bucket,
1 signalling mirror,
1 police whistle,
1 raft knife,
1 CO_2 bottle for emergency inflation,
1 inflation pump,
2 oars,
1 75-foot retaining line,
1 magnetic compass,
1 pyrotechnic pistol and 6 cartridges,
5-day supply of emergency food ration for each person,
1 sea water de-salting kit for each 2 persons the raft is authorized to carry, or 2 pints of water per person,
1 fishing kit,
1 book on survival.

(e) FRIGID WATER AREAS—
1 Gibson-girl radio and accessories,
1 first-aid kit (from aircraft),
1 life vest for each person.
Sufficient number of life rafts to accommodate all persons.
Each life raft shall contain the following:
1 canopy (for sail, sunshade, rain catcher or protection from elements),
1 life raft repair kit,
1 bailing bucket,
1 signalling mirror,
1 police whistle,
1 raft knife,
1 CO_2 bottle for emergency inflation,
1 inflation pump,
2 oars,
1 75-foot retaining line,
1 magnetic compass,
1 pyrotechnic pistol and 6 cartridges,
5-day supply of emergency food ration for each person,
1 sea water de-salting kit for each 2 persons the raft is authorized to carry, or 2 pints of water per person,
1 fishing kit,
1 book on survival.

"CAR § 42.25 *Cockpit check list.* The air carrier shall provide for each type of aircraft a cockpit check list adapted to each operation in which the aircraft is to be utilized. The check list shall be installed in a readily accessible location in the cockpit of each aircraft and shall be used by the flight crew."