



FAR 135.331 AIR TAXI Emergency Crewmember Training

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TRAINING CURRICULUM

Initial / Recurrent

This training is required for all crewmembers on each type, model and configuration, each crewmember, and each kind of operation conducted, as appropriate for each crewmember and certificate holder as specified in FAR 135.331. Emergency training is subdivided into two groups: General Emergency Training and Emergency Drill Training. This training must be conducted every 12 months (FAR 135.295, 135.331, 135.349, 135.351). This training also includes the requirements of G550 Evacuation Crewmember Training (Document No. GVSP-GER-6111 and Supplement Number G550-OMS-1).

OBJECTIVE OF TRAINING

1. *General Emergency Situation Training*

The training consists of instruction in the location, function, and operation of emergency equipment. Instruction in Rapid decompression (if applicable), in-flight fire (or on-the-surface) and smoke control procedures, ditching and evacuation situations, illness, injury, the proper use of first aid equipment, and other abnormal situations involving passengers or crewmembers.

2. *Emergency Drill*

This training provides instruction and practice in the actual operate (hand-on) use of certain items of emergency equipment. Operation of emergency exits (such as floor lever, over-wing, and tail cone) in normal and emergency modes. Operation of each type of hand-held fire extinguisher. Donning, use and inflation of life preservers and other flotation devices (if applicable).

CREWMEMBER EMERGENCY TRAINING MODULES

Lesson Plan

A. GENERAL EMERGENCY SITUATION TRAINING MODULES

Flight Crewmember Duties and Responsibilities.

- Emergency assignments
- Captain's emergency authority
- Reporting incidents and accidents

Crew Coordination and Company Communication.

- Cabin crew notification procedures
- Ground agency notification procedures (FAA, Airport Authority)
- Company communication procedures

Aircraft Fires.

- Principles of combustion and classes of fire
- Fire in Flight, or on the Surface
- Smoke control, electrical equipments CB's found in Cabin Areas
- Toxic fumes and chemical irritants
- Use of appropriate hand-held extinguishers
- Lavatory fires
- Protective Breathing Equipment (PBE) Oxygen Masks, Smoke Goggles

First Aid Equipment.

- Contents of first aid kit
- Requirements for first aid kit integrity
- Use of individual items

Illness, Injury, and Basic First Aid.

- Principles of CPR
- Ear and sinus blocks
- Seeking medical assistance
- Treatment of shock
- Heart attack and pregnancy situations

Ground Evacuation.

- Aircraft configuration
- Directing passenger flow
- Blocked or jammed exit procedures
- Fuel spills and other ground hazards
- Handicapped persons

Ditching.

- Cockpit and cabin preparation
- Passenger briefing
- Crew coordination
- Primary swells, secondary swells, and sea conditions
- Ditching heading and water landings
- Ditching at night
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Rapid Decompression.

- Respiration
- Hypoxia, hypothermia, hyperventilation
- Time of useful consciousness
- Gas expansion/bubble formation
- Physical phenomena and actual incidents, aircraft considerations

Previous Aircraft Accidents/Incidents.

- NTSB accident report reviews
- Human factors/considerations
- NASA reporting system

Crewmember Incapacitation.

- Company procedures
- Reporting requirements (NTSB)
- Interference with crewmembers

Hijacking and Other Unusual Situations.

- Hijack procedures
- Bomb threat procedures
- Security coordinator responsibilities
- In-flight intercept signals and procedures

Operations Above 25,000 Feet.

- Respiration
- Hypoxia
- Time of useful consciousness
- Gas expansion
- Gas bubble formation
- Physical phenomena and incidents of decompression

Basic Survival

- Area of Operations
- Desert
- Over Water
- Jungle
- Arctic

B. GENERAL EMERGENCY DRILL MODULES

Hand-Held Fire Extinguishers.

- Inspection tags, dates, and proper charge levels
- Removal and stowage of extinguishers
- Actual discharge of each type of extinguisher
- Maintenance procedures and minimum equipment list (MEL)
- Inspection and Use of PBE, Oxygen Mask, and Smoke Goggles

Portable Oxygen Systems.

- Inspection tags, dates, and pressures
- Removal and stowage of oxygen bottles
- Actual operation of each type of bottle and each type of mask

Emergency Exits and Slides.

- Actual operation (open and close) of each exit in the normal and emergency modes
- Instruction on slide or slide raft deployment, transfer from one door to another, and detachment from the aircraft or training device of each type of slide or slide raft (if applicable)
- Actual use of slide or slide raft (This requirement needs to be accomplished only once during initial new-hire or initial equipment training.)

Ditching Equipment (if applicable).

- Actual donning, use, and inflation of individual flotation means (life preservers)
- Instruction on life raft removal from the aircraft and inflation of each type of life raft
- Instruction on the use of life lines
- Actual boarding of a life raft or slide raft
- Instruction on survival equipment