

FAA Required Emergency and Survival Equipment for Overwater Operations

The type of emergency and survival equipment you are required by the FAA to carry for overwater operations depends on three things:

1. What FAR part you are operating under (91, 121, 125, or 135)?
2. How far over the water are you flying?
3. What FAR part your aircraft is certificated under (23, 25, 27, or 29)? If you are not sure, consult the manufacturer.



New & Used Sales

Rafts, Vests, ELT's,
First Aid Kits, Survival Kits

Service Capabilities:

EAM	Hoover
Winslow	Survival Products
Goodrich	Aerazur
Air Cruisers	RFD
Switlik	Revere

Life Rafts & ELT Rentals

Rental Raft	\$65/day
Rental Raft w/ ELT	\$95/day
(all rental rafts are type I with a 135 kit installed)	

Operating Under FAA FAR...	Description of Operation	0-50 Miles		Extended Overwater Operations			
		Required Equipment	Required per FAR...	50 to 100 Miles		100 Miles or More	
				Required Equipment	Required per FAR...	Required Equipment	Required per FAR...
Part 91 (General)	Small Aircraft (Private)(8)(9)	None		None		None	
Part 91 (91.501)	Larger Aircraft (Corporate) (8)(9)	First Aid Kit	91.513(d)	First Aid Kit	91.513(d)	First Aid Kit	91.513(d)
				Flotation Device(1)	91.509(a)	Life Preserver(2)	91.509(b)(1)
						Life Raft(3)	91.509(b)(2)
						ELT	91.509(b)(4)
Part 121	Airlines	First Aid Kit(11)	121.309(d)	First Aid Kit(11)	121.309(d)	First Aid Kit(11)	121.309(d)
		Flotation Device	121.340(a)	Life Preserver(2)	121.339(a)(1)	Life Preserver(2)	121.339(a)(1)
				Life Raft(4)	121.339(a)(2)	Life Raft(4)	121.339(a)(2)
				ELT	121.339(a)(4)	ELT	121.339(a)(4)
Part 125	Larger Private Aircraft (8)(9)	First Aid Kit	125.207(a)(1)	First Aid Kit(7)	125.207(a)(1)	First Aid Kit(7)	125.207(a)(1)
		Flotation Device	25.1415(e)	Life Preserver(2)	125.209(a)(1)	Life Preserver(2)	125.209(a)(1)
				Life Rafts(5)	125.209(a)(2)	Life Raft(5)	125.209(a)(2)
				ELT(6)	125.209(b)	ELT(6)	125.209(b)
Part 135	Air Taxi	First Aid Kit	135.177(a)(1)	First Aid Kit(7)	135.177(a)(1)	First Aid Kit(7)	135.177(a)(1)
		Flotation Device	25.1415(e)	Life Preserver(2)	135.167(a)(1)	Life Preserver(2)	135.167(a)(2)
				Life Raft(5)	135.167(a)(2)	Life Raft(5)	135.167(a)(2)
				ELT(6)	135.167©	ELT(6)	135.167©

Table 1 Notes

- {1}* An “approved flotation means” is required for each occupant of the aircraft. This may be an individual flotation device approved under FAA TSO-C72b or C72c which can be an inflatable type {EAM Model GA-12 for example} or non-inflatable type {seat cushion}.
- {2}* An approved life preserver equipped with a survivor locator light for each occupant of the aircraft. Life preservers are approved under FAA TSO-C13d, C13e, and C13f. Locator lights are approved under TSO-C85 or C85a.
- {3}* Approved life raft{s} of a rated capacity to accommodate all the occupants of the aircraft. Each raft must be equipped with an approved survivor locator light, pyrotechnic signaling device, and a survival kit appropriately equipped for the route to be flown. Rafts are approved per FAA TSO-C70a. Locator lights are approved per TSO-C85 or C85a. Refer to Table 2 to determine which “type” of life raft is required for the category of aircraft operated.
- {4}* Approved life rafts of a rated capacity to accommodate all the occupants of the aircraft. Each raft must be equipped with an approved survivor locator light, pyrotechnic signaling device, and a survival kit appropriately equipped for the route to be flown. In the event of the loss of the largest life raft, the total overload capacity of all the remaining life rafts must be sufficient to accommodate all the occupants of the aircraft. A minimum of two {2} life rafts are required per aircraft. Rafts are approved per FAA TSO-C70a. Locator lights are approved per TSO-C85 or C85a. Refer to Table 2 to determine which “type” of life raft is required for the category of aircraft operated.
- {5}* Approved life raft{s} of a rated capacity to accommodate all the occupants of the aircraft. Each raft must be equipped with an approved survivor locator light, pyrotechnic signaling device, and a survival kit appropriately equipped for the route to be flown or contain a canopy, radar reflector, repair kit, bailing bucket, signal mirror, whistle, knife, pump, oars, 75 ft. retaining line, compass dye marker, flashlight, food rations, water rations, fishing kit, and survival manual. Rafts are approved per FAA TSO-C70a. Locator lights are approved per TSO-C85 or C85a. Refer to Table 2 to determine which “type” of life raft is required for the category of aircraft operated.
- {6}* An approved survival type {“S” Type} ELT attached to one of the life rafts on the aircraft.
- {7}* Per FAR 125.207, one approved first aid kit is required per aircraft of more than 20 seats. Per FAR 135.177, one approved first aid kit is required per aircraft of more than 19 seats. FAA approval of first aid kits is held by the aircraft manufacturer as part of the aircraft’s approval or by the operator directly. First aid kit manufacturers do not receive approval. Operators using kits that comply with the FARs (such as EAM’s part nos. RE1013-107 or S3107-101) receive approval via their local FAA FSDO.
- {8}* Per FAR Part 1 Definitions.
- {9}* Small aircraft are < 12,500 lbs. max. certified takeoff weight. Large aircraft are > 12,500 lbs. max. certified takeoff weight.
- {10}* Large private aircraft which have a seating configuration of 20 or more passengers and a maximum payload capacity of 6,000 lbs. Many business operators of large, private aircraft such as the Boeing 737 (Boeing Business Jet BBJ) or MD-80/90 operate under Part 125.
- {11}* Per FAR Part 121 Appendix A, the minimum number of approved first aid kits required is 1 for 0-50 passenger seats; 2 for 51 to 150 passenger seats; 3 for 151 to 250 passenger seats; and 4 for more than 250 passenger seats. FAA approval of first aid kits is held by the aircraft manufacturer as part of the aircraft’s approval or by the operator directly. First aid kit manufacturers do not receive approval. Operators using kits that comply with the FARs (such as EAM’s part nos. RE1013-104, RE1013-107 or S3107-101) receive approval via their local FAA FSDO.