

Life Raft Deployment Systems

Aero Seats and Systems Inc. currently offers two different life raft deployment models. The ASI-500 system is approved for use on Sikorsky S-76 rotorcraft and the ASI-800 system is approved for use on Bell 412 rotorcraft.

All life raft deployment systems have PMA status, are made from pre-impregnated composite fiberglass and are deployable by the pilot, or co-pilot, in a seated position. Life raft deployment systems may be installed on one or both sides of the aircraft and are externally mounted.

Life raft deployment systems may be ordered with additional kit options for modification as needed. A list of current kit options and modifications can be found with the respective unit. A table of available raft options can be found at the end of this document.



ASI-500

Description: Externally mounted life raft deployment system for Sikorsky S-76.

Options:

Single or dual side installation. Right hand side only installation for serial numbers 760005-760095.

Passenger deployment kit. This kit is not available for operators under FAA guidelines.

Modification kit is available for fuselages with sliding doors.

This systems is covered under STC SR09211RC. It is available for use in all countries that accept FAA approvals, EASA approvals, as well as for use in China, Brazil, and Australia.

Weight as shown*: 46lbs

Weight as single side*: 23lbs

Overall dimensions: 111" x 20" x 6"

*Weight does not include rafts.

ASI-725**

Description: Pneumatic operation, life raft deployment system for Sikorsky S-76 rotorcraft.

**This system is pending final certification testing.



ASI-800

Description: Externally mounted life raft deployment system for Bell 412.

Options:

Single or dual side installation.

Passenger Deployment kit*. This option will not be available to operators under FAA guidelines.

*Pending EASA approval.

Weight of dual installation**: 67.8lbs

Weight of single installation**: 33lbs

Overall dimensions: 50" x 18" x 9"

**Weight does not include rafts.

Current raft options:

Survitec Rafts:

Aerolite - Light-weight life raft offering various survival emergency pack options, including FAR 91 and FAR 135, 10 person capacity and 15 person overload capacity. ELT options available.

- Base P/no 000261 __ – please see Survitec for specific p/n to meet your exact needs



Lightweight, high performance design
Rapid Inflation, boardable in about 30 seconds
Self-erecting, protective canopy
High stability, twin bouyancy tubes
Inflatable boarding ramp
Comprehensive survival pack options
FAA / EASA approvals

Heliraft – The first life raft designed specifically for rotorcraft, with a unique reversible design offering various survival emergency pack options including FAR 91 and FAR 135, 10 person capacity and 15 person overload capacity. ELT options available.

- Base p/no 000513 __ – please see Survitec for specific p/n to meet your exact needs



Reversible
Guaranteed “right way up” inflation
Rapid Inflation, boardable in about 30 seconds
Manually raised inflated protective canopy
High performance “fender” protection for main bouyancy tubes
Two inflatable boarding ramps
Comprehensive survival pack options
FAA / EASA approvals

Zodiac Rafts:

- P/no 64910-11123 & -11023 - FAR91/121
- P/no 64910-11153 & -11053 - OPS3



Non-reversible raft
Nominal capacity: 10 person
Overload capacity: 15 person
45lbs / 19.9kg (with FAR91/121 & ELT)
45lbs / 20.4kg (with EU-OPS3 & ELT)
Service every 3 years within Zodiac Services
FAA TSOc70a / ETSO2c70b

- P/no 246306-0 & 246305-0 - FAR91/121 & OPS3



Reversible raft
Nominal capacity: 9 person
Overload capacity: 14 person
53lbs / 24.3kg (with FAR91/121 & ELT)
53lbs / 24.3kg (with EU-OPS3 & ELT)
Service every 3 months within Zodiac Services
FAA TSOc70a / ETSO2c70b / 2c505