VIKING PV9365 YouSafe CREW &
PV9375 YouSafe PAX
HELICOPTER
LIFEJACKET

헬리콥터 생환자켓



VIKING™
LIFE-SAVING EQUIPMENT


Maritime &
Coastguard
Agency



SPO.IDE.H.190 Emergency locator transmitter (ELT)

(a) Helicopters certified for a maximum seating configuration above six shall be equipped with:

(1) an automatic ELT; and

(2) one survival ELT (ELT(S)) in a life-raft or life-jacket when the helicopter is operated at a distance from land corresponding to more than 3 minutes flying time at normal cruising speed.

(b) Helicopters certified for a maximum seating configuration of six or less shall be equipped with an ELT(S) or a personal locator beacon (PLB), carried by a crew member or a task specialist.

(c) ELTs of any type and PLBs shall be capable of transmitting simultaneously on 121.5 MHz and 406 MHz.

SPO.IDE.H.195 Flight over water — other-than-complex motor-powered helicopters

(a) Helicopters shall be equipped with a life-jacket for each person on board, that shall be worn or stowed in a position that is readily accessible from the seat or station of the person for whose use it is provided, when:

(1) flying over water beyond autorotational distance from the land where in case of the critical engine failure, the helicopter is not able to sustain level flight; or

(2) flying over water at a distance of land corresponding to more than 10 minutes flying at normal cruising speed, where in case of the critical engine failure, the helicopter is able to sustain level flight; or

(3) taking off or landing at an aerodrome/operating site where the take-off or approach path is over water.

(b) Each life-jacket shall be equipped with a means of electric illumination for the purpose of facilitating the location of persons.

(c) The pilot-in-command of a helicopter operated on a flight over water at a distance from land corresponding to more than 30 minutes flying time at normal cruising speed or 50 NM, whichever is less, shall determine the risks to survival of the occupants of the helicopter in the event of a ditching, based on which he/she shall determine the carriage of:

(1) equipment for making the distress signals;

(2) life-rafts in sufficient numbers to carry all persons on board, stowed so as to facilitate their ready use in emergency; and

(3) life-saving equipment to provide the means of sustaining life, as appropriate to the flight to be undertaken.

(d) The pilot-in-command shall determine the risks to survival of the occupants of the helicopter in the event of a ditching, when deciding if the life-jackets required in (a) shall be worn by all occupants.

Annex VIII the draft Commission Regulation

on 'Air Operations — OPS'

Part-SPO — IR

SPO.IDE.H.197 Life-jackets — complex motor-powered helicopters

(a) Helicopters shall be equipped with a life-jacket for each person on board, that shall be worn or stowed in a position that is readily accessible from the seat or station of the person for whose use it is provided, when:

(1) operated on a flight over water at a distance from land corresponding to more than 10 minutes flying time at normal cruising speed, where in the case of the critical engine failure, the helicopter is able to sustain level flight;

(2) operated on a flight over water beyond auto-rotational distance from the land, where in the case of the critical engine failure, the helicopter is not able to sustain level flight; or

(3) taking off or landing at an aerodrome or operating site where the take-off or approach path is so disposed over water that in the event of a mishap there would be the likelihood of a ditching.

(b) Each life-jacket shall be equipped with a means of electric illumination for the purpose of facilitating the location of persons.

SPO.IDE.H.198 Survival suits — complex motor-powered helicopters

Each person on board shall wear a survival suit when operating:

(a) on a flight over water in support of offshore operations, at a distance from land corresponding to more than 10 minutes flying time at normal cruising speed, where in the case of the critical engine failure, the helicopter is able to sustain level flight and when:

(1) the weather report or forecasts available to the pilot-in-command indicate that the sea temperature will be less than plus 10 °C during the flight; or

(2) the estimated rescue time exceeds the estimated survival time;

or

(b) so determined by the pilot-in-command based on a risk assessment taking into account the following conditions:

(1) flights over water beyond auto-rotational distance or safe forced landing distance from land, where in the case of the critical engine failure, the helicopter is not able to sustain level flight; and

(2) the weather report or forecasts available to the pilot-in-command indicate that the sea temperature will be less than plus 10 °C during the flight.

SPO.IDE.H.199 Life-rafts, survival ELTs and survival equipment on extended overwater flights — complex motor-powered helicopters

Helicopters operated:

(a) on a flight over water at a distance from land corresponding to more than 10 minutes flying time at normal cruising speed where in the case of the critical engine failure, the helicopter is able to sustain level flight; or

Helicopter Lifejacket's Previous Requirement (OLD version)

CAT-B type, which is no longer accepted according to the new regulation

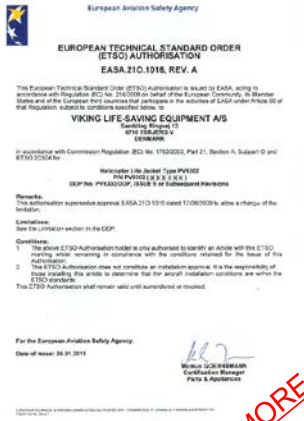
Based on the CAP1145 requirements the CAP1034 was created and enforced by the CAA in UK. CAA introduced the requirements because of the recent accidents in the UK sector and said that the CAT-B type of EBS would not longer be accepted. (CAT-B is the type that must be 'armed' above the water by one hand within 10 seconds, while CAT-A can also be activated below water with one hand within 10 seconds.

CAT-B type은 비상 착륙전 (수면위)에 10초내로 한손으로 착용 및 사용 준비를 완료해야 함








European Aviation Safety Agency

EUROPEAN TECHNICAL STANDARD ORDER
(ETSO) AUTHORISATION
EASA.21O.1016, REV. A

VIKING LIFE-SAVING EQUIPMENT A/S

NO MORE RECOMMENDABLE

ETSO 2C504 approval, CORDURA material, only for Passenger or Operator, not Pilot
EBS (Emergency Breathing System) located on the front cover has a 6 litter air lung which gives the user the possibility to breath underwater for approx. 60 seconds in case of sudden submersion.

Helicopter Lifejacket’s NEW Requirement (Current version)

CAT-A type according to the new regulation, for Helicopter Operators

Based on the CAP1145 requirements the CAP1034 was created and enforced by the CAA in UK. CAA introduced the requirements because of the recent accidents in the UK sector and said that the CAT-B type of EBS would not longer be accepted. (CAT-B is the type that must be ‘armed’ above the water by one hand within 10 seconds, while CAT-A can also be activated below water with one hand within 10 seconds.

2015년 신규 규정 신형 Pilot Lifejacket with Aqua Lung, 비상 착륙 전/후 물속에서도 10초내 한손으로 운영이 가능해야 한다는 규정입니다.





CAT-A type is the type that must be activated below water with one hand within 10 seconds.

10초내 한손으로 탈출장비를 운영해야 한다.



재질: CORDURA fire retardant
부력: 180N, manually or orally
기본옵션: spray hood, emergency light, a whistle, buddy line, lifting becket, detachable pockets

PV9365 VIKING YouSafe CREW Aviation Lifejacket







PV9365 VIKING YouSafe CREW Aviation Lifejacket



반사체 및 기타 디자인 형태 불가!
: 헬기내 창문에 반사될 위험이 있음.

다양한 옵션 주머니;

- -. 전용가방 (기본)
- -. STASS system pocket
- -. PLB Antenna pocket
- -. AU10-HT pcket
- -. Flare pocket
- -. Radio pocket
- -. Multi pocket
- -. etc.

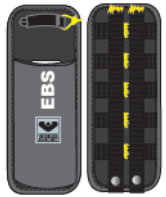
PV9365



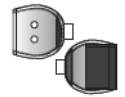
PV9365



1059025 - Bag for lifejacket



S-5900252 - Pocket for STASS system



1058983 - Antenna attach for PLB, bouyansy



1059080 - Pocket for AU10-HT



1052119 - ETSO radio pocket



1060867 - Pocket for flares and ResQlink+, CHC



1052041 - ETSO Flare pocket



1060866 - Pocket for radio CHC

몰리 시스템으로 악세사리들의 위치를 신체에 맞추어 조절 가능함.

PV9365 VIKING YouSafe CREW Aviation Lifejacket



VIKING YouSafe™ Crew, Helicopter Crew Lifejacket (ETSO)

As lightweight and comfortable as possible, this durable crew lifejacket is a close fit while still offering maximum maneuverability for the wearer's upper body.

- Military-inspired design
- Easily accessed adjusters
- Sprayhood
- Emergency light and whistle
- Buddy line and lifting becket
- Weight: 1.96 kg
- Dimensions: H 60 x W 36 x D 12 cm (packed)

ITEM NO.: PV9365

ETSO approved

PV9365 VIKING YouSafe CREW Aviation Lifejacket

1 Don as a jacket.



2 Close buckle.



3 Close zipper.



10



4 Adjust upper strap.



5 Adjust lower strap.



6 Fasten straps on the back.



7 Inflation: Pull the handle on right side.



8 Inflated lifejacket.



9 Don sprayhood.



Donning instruction
LIFEJACKET - PV9365

PV9365 VIKING YouSafe CREW Aviation Lifejacket

1 Don like a jacket.



2 Close buckle.



3 Close zipper.



4 Adjust top strap.



5 Adjust lower strap.



6 Fasten straps on the back.



7 Check-up on STASS system,
Red colour - System is not activated.
No colour - System is activated.



8 Emergency use
UK - Remove mouth piece from life-jacket.



9 UK - Put the mouth piece into your mouth.



10 UK - Put on the nose clip and breathe calmly.



11 Purge button, in case of being under water.



12 After surfacing, inflate the life-jacket by pulling the release line.



13 Inflated lifejacket.



14 Put on the spray hood after surfacing.



15 Correct donning of lifejacket.



16 Top of air, use oral inflation tupe.



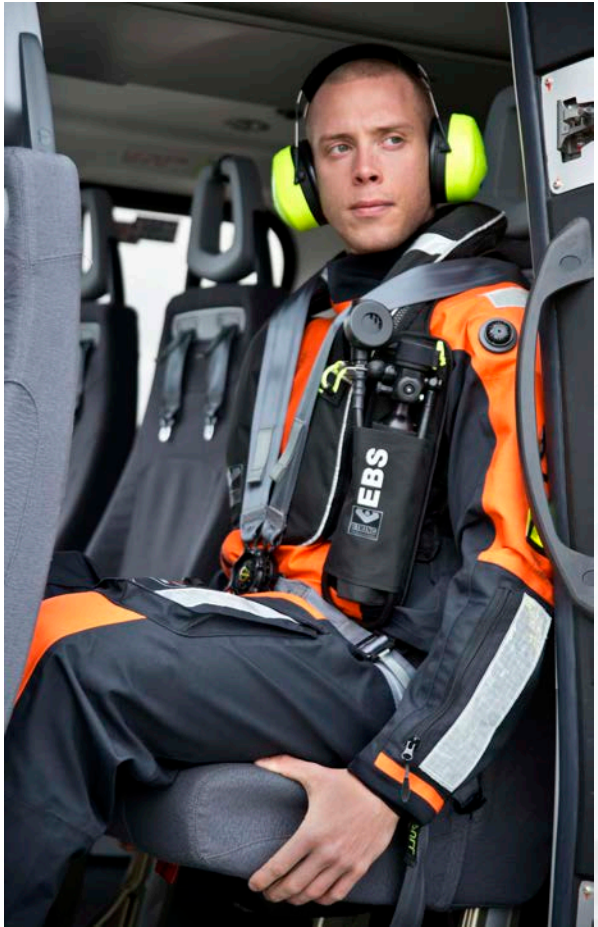
17 Aktivate emergency transmitter.



STASS - (Short Term Air Supply System)
Donning instruction
LIFEJACKET - PV9365

PV9375 VIKING YouSafe PAX Aviation Lifejacket







PV9375 VIKING YouSafe PAX Aviation Lifejacket







VIKING YouSafe™ Pax, Helicopter Passenger Lifejacket, ETSO

- Ergonomic, lightweight 'fitted' design
- Multiple adjustment possibilities
- Cover made from hi-grade fabric
- Extra padding on back for added comfort and support
- Sprayhood
- Manually or orally inflated
- Weight: 7.96 kg
- Dimensions: Approx. 60 x 36 x 20 cm (packed)
- Option for category A STASS emergency breathing system and PLB

ITEM NO.: PV9375

ETSO approved

PV9375





S-5900252 - Pocket for STASS system



1063904 - Pocket for PLB RESQLINK +



1059025 - Bag for lifejacket

PV9375 VIKING YouSafe PAX Aviation Lifejacket



PV9375 VIKING YouSafe PAX Aviation Lifejacket

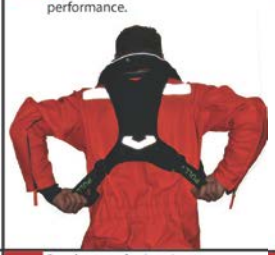
1 Don like a jacket.



2 Close buckle.



3 Tighten strap to ensure the jacket is fitted correctly to distribute weight from neck to torso and to ensure performance.



10 Inflated lifejacket.



11 Put on the spray hood after surfacing.



12 Correct donning of lifejacket.



4 Check-up on STASS system,
Red colour - System is not activated.
No colour - System is activated.



5 Emergency use
Remove mouth piece from life-jacket.



6 Put the mouth piece into your mouth.



13 Top of air, use oral inflation tube.



7 Put on the nose clip and breathe calmly.



8 Purge button, in case of being under water.



9 After surfacing, inflate the life-jacket by pulling the release line.



DONNING INSTRUCTION
Lifejacket PV9375
with STASS (Short Term Air Supply System

PV9376 VIKING Aviation Training Lifejacket (교육용모델)







FOR TRAINING
VIKING Aviation Lifejacket

- Training version of VIKING YouSafe™ Pax (PV9375)
- Sprayhood
- Detachable neck protection
- Manually or orally inflated
- Weight: 7.96 kg
- Dimensions: Approx. 60 x 36 x 20 cm (packed)
- Prepared for category A STASS emergency breathing system

ITEM NO.: PV9376





FOR TRAINING

YOUR SAFETY AT FIRST!!!

THEN, GET READY!!!



VIKING LIFE-SAVING EQUIPMENT

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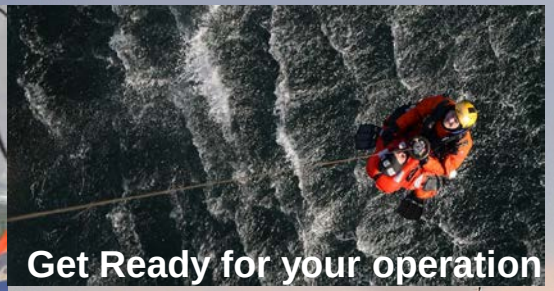
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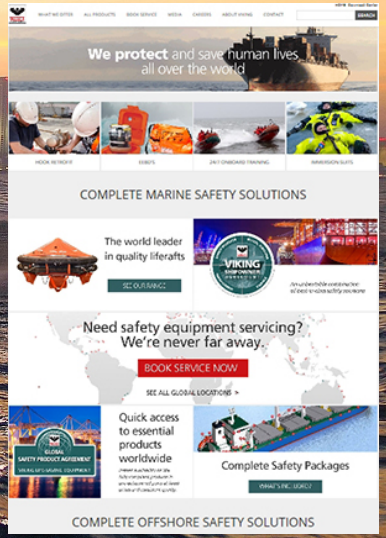






Personal Protective Equipment - AVIATION

항공용 개인 보호 장비



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