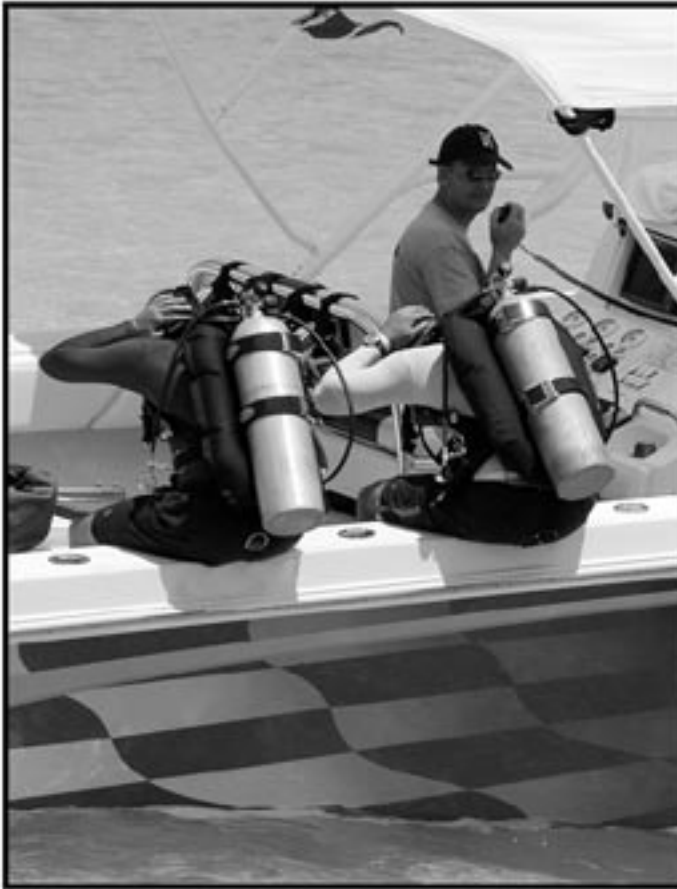


HALCYON *DIR Dive Systems*



Halcyon Multifunction Compensator Owner's Manual

Eclipse/Explorer Wings

EC Type approval conducted by SGS UK Ltd.
Ellesmere Port CH65 3EN, ENGLAND
Notified body number 0120.

Pioneer/Evolve Wings

EC Type approval conducted by TÜV Rheinland
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Halcyon Multifunction Compensator Owner's Manual

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Warnings, Cautions, and Notes

Pay special attention to information provided in warnings, cautions, and notes, that is accompanied by these icons:



A **WARNING** indicates a procedure or situation that, if not avoided, could result in serious injury or death to the user.



A **CAUTION** indicates any situation or technique that could cause damage to the product, and could subsequently result in injury to the user.



WARNING: This manual provides essential instructions for the proper fitting, adjustment, inspection, and care of your new Multifunction Compensator. Because Halcyon's MCs utilize patented technology, it is very important to take the time to read these instructions in order to understand and fully enjoy the features that are unique to your specific model. Improper use of your MC could result in serious injury or death.

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General Precautions & Warnings

⚠ Before using this Multifunction Buoyancy Compensator (MC), you must receive instruction and certification in SCUBA diving and buoyancy control from a recognized training agency. **Use of SCUBA equipment by uncertified or untrained persons is dangerous and can result in serious injury or death.**

⚠ Read this owner's manual completely before attempting to use your MC, and become familiar with it first in a controlled environment such as a swimming pool, in order to weight yourself properly and to become comfortable with using its many features and adjustments.

⚠ Before every dive, perform a complete pre-dive inspection according to the procedure prescribed in this manual, to ensure that all components are functioning properly and no signs of damage or leaks are present. If your MC is not functioning properly or is damaged, remove it from service until it can be repaired by an authorized Halcyon Dealer.

⚠ Your MC is not a lift bag. DO NOT use it to bring heavy objects to the surface. Doing so may cause permanent damage to the MC, and could also result in an uncontrolled ascent.

⚠ DO NOT overinflate your MC. Control all ascents. A rapid, uncontrolled ascent may cause arterial gas embolism or decompression sickness, and could lead to serious injury or death.

⚠ In the event of an uncontrolled ascent, it is important to immediately begin venting air from the MC. Continue venting air to slow your ascent rate if neutral buoyancy cannot be reestablished.

⚠ In an emergency such as an out of air situation or uncontrolled descent, it is important to remove and jettison weight immediately. DO NOT depend solely on using your MC's power inflator to lift you to the surface.

⚠ DO NOT inhale from your oral inflator. The MC may contain harmful contaminants or gasses, which could cause suffocation, serious injury, or infection of the lungs.

⚠ Disassembly, repair, or lubrication must not be attempted by persons who are not factory-trained and authorized by Halcyon. Unauthorized service will render the warranty null and void.

⚠ Factory prescribed service for this MC should be performed at least once annually by an authorized Halcyon Dealer. Annual service consists of a complete overhaul of the power inflator, and a general air leak inspection of the bladder and valve connections.



WARNING: Your Multifunction Buoyancy Compensator (MC) is NOT a lifejacket; it does not guarantee a head-up position of the wearer at the surface. It does not meet U.S. Coast Guard regulations for a life preserver or personal flotation device (PFD). If you become unconscious in the water without a buddy present to immediately assist you, you may suffer serious injury or death from drowning.

Your buoyancy compensator is primarily designed to help you maintain neutral buoyancy while in a comfortably balanced, face-down swimming position underwater. It is also designed to provide you with flotation so that you can rest on the surface, but it is not designed to function as a life preserver

or personal flotation device (PFD). In order to meet U.S. Coast Guard regulations, a PFD must be designed so that it automatically rights you to a face-up position and holds your head out of the water on the surface. The design characteristics of a personal flotation device are therefore different from those of a buoyancy compensator. The ability of any flotation device to float you in a face-up position can also be affected by other diving equipment you wear, including a cylinder or exposure suit, and whether it can be inflated before you lose consciousness.

For this reason, it is important to always dive with a buddy, and maintain close proximity with them at all times. Do not depend on any flotation device to hold your face above the surface in the event that you are rendered unconscious in the water while diving.



WARNING: Although this manual provides some basic guidelines for certain buoyancy control techniques, it is not a substitute for training from a professional diving instructor. Failure to weight yourself properly may create a hazardous condition that could lead to serious injury or death. If you are unsure how to weight yourself in order to achieve optimum buoyancy underwater and on the surface, do not dive until you have obtained the necessary instruction from your diving instructor or an authorized Halcyon Dealer.

If you have any questions regarding your Buoyancy Compensator or these instructions, contact your Halcyon Dealer or Halcyon at: (386) 454-0811.

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Fitting Your Multifunction Compensator

The Halcyon Multifunction Compensator system provides superior buoyancy control and trim adjustment for divers in any underwater environment. Each component of the MC system- the proper buoyancy wing, alternative lift device, weighting system, and Secure Harness- works together to provide you with safe, efficient control of your gear while under water and on the surface. Nearly every aspect of the Halcyon MC can be individually customized to meet the demands of a specific dive's conditions or the needs of multiple dive team members sharing a common set of gear.

The MC harness system is adjustable to fit all body types, providing for a much more precise fit than jacket-style BCs. The MC has been designed to provide you with optimal control of your scuba system while underwater and on the surface.



To properly fit your Secure Harness before first use, begin by suiting up with the same thermal protection that you will use with your MC. If you plan to dive with a drysuit, make sure to include all undergarments. In addition to the thickness of the drysuit, a full set of thermal undergarments can add considerable bulk and have a dramatic impact on the sizing of the harness.

You can adjust the Halcyon MC harness without the use of special tools by adjusting the triglide fasteners along the back of the backplate and on the crotch strap (Figure 1). To adjust the shoulder straps, loosen the triglide fasteners on the back of the backplate where the webbing feeds through the slots (Figure 2). Using equal amounts of webbing from both sides of the waist belt, adjust the straps so that several fingers can fit under the webbing along your shoulders (Figure 3). The shoulder straps need to be loose enough to be comfortable with your thickest amount of thermal protection. The fit of the harness should facilitate easy doff/donn, both in-water and out-



Fig. 1: Rear and crotch strap triglides



Fig. 2: Adjusting rear triglide fastener



Fig. 3: Allow for at least two fingers of spacing between the harness strap and your exposure suit



Fig. 4: Proper placement of backplate

of-water, yet still remain snug enough so that your tanks are secure while stage bottles clipped off to the top D-ring stay close to the chest.

To finalize the fit of the harness shoulder straps, loosen the straps enough to allow easy movement of the backplate. Position the backplate for proper tank position, with the top of the backplate high enough to touch by reaching behind your head with either hand; if you can touch the backplate, you should be able to reach your valves when your rig is fully assembled (Figure 4). With the backplate in position, tighten up the arm straps until you are able to fit two or three fingers underneath the strap. You should be able to easily slide the straps off of either shoulder.

Be careful not to leave excessive slack in the harness straps. An exceedingly loose fitting harness will allow the backplate to ride low on your back, making it nearly impossible to reach your valves.

The crotch strap should be comfortable and allow you to reach your tanks. The waist belt should fit as snug as is comfortable. Do not overtighten the waist belt so much as to restrict breathing. When adjusting the waist belt, make sure to set the buckle so that it is off to your right side. With the buckle in this position, the crotch strap is unable to accidentally open the buckle. The waist belt buckle (and/or another buckle) can be used to hold your Helios or Proteus light canister in place.

To adjust the crotch strap, buckle the waist strap without running it through the crotch strap. Now pull the crotch strap up to the waist belt. Set the length so that the top of the crotch strap loop extends a half-inch (12mm) over the top of the waist belt.

While standing on land, your MC should be snug but not uncomfortably tight. In the water your harness should be snug enough to prevent notable motion of the cylinder as you change orientation, but not too tight so as to bind or restrict your complete range of shoulder and arm movement.



Fine-Tuning Your MC System



The MC harness is the model of simplicity. The Secure Harness utilizes one D-ring on each side of the chest, avoiding the unnecessary clutter of multiple attachments. One D-ring is located on your left hip and single D-rings are placed on the front and back of the MC crotch strap. The hip D-ring is used to attach a pressure gauge, stage bottles, or small tools during a dive.

The knife is placed in an open sheath on the waist belt left of the crotch strap, where it can be quickly deployed with either hand. The knife is small and designed as a tool for cutting line. Two backup lights are attached, one to each of the two chest D-rings. These lights are held to the strap by an elastic ring. This location puts the lights in a streamlined position against your chest while remaining completely accessible.

Once you have properly sized your Secure Harness, you will want to fine-tune the position of the five D-rings. The shoulder D-rings should be positioned relatively high on the shoulder straps, especially if you plan to utilize stage bottles in your diving. If the D-rings are too low, the stage bottles will hang too far away from your body, causing significant drag and possibly damaging marine environments. The shoulder D-rings should also be high enough to allow for proper storage of your Scout back-up lights and to allow for ease of use of your wing's inflator hose to adjust trim and buoyancy, yet not so high that you can't clip an item off with the same side hand as the clip.

To position the shoulder D-rings, extend your arms straight out to the side, parallel to the ground. Bend at the elbow and bring your thumb straight to the shoulder strap. The center of your thumb should intersect the center of the D-ring (Figure 5). Next, reach across your body to (or almost to) your left shoulder with your right arm (Figure 6). Make sure the right side D-ring



Fig. 5: Locating the proper location for the chest D-ring



Fig. 6: Checking final placement of the chest D-ring



Fig. 7: Rear D-ring placement



Fig. 8: Assembled Pioneer MC System with Mini-Scout Back-up Lights



doesn't pinch between your arm and chest. Do the same with your left. If either D-ring pinches, adjust it upwards.

The waist D-ring is used for clipping off the SPG and for stage bottles. To position the waist D-ring, run your left thumb straight down your left side until it hits the waist strap. Your thumb should intersect the D-ring, very close to your hip bone. The position might need to be adjusted after your first dive with your MC system. In water, practice clipping/unclipping the SPG and, if you wear stage bottles, have your buddy check the position of the tanks. You do not want the waist D-ring positioned so far back that you can't comfortably clip or unclip your SPG, nor so far forward that a buoyant stage would become a hindrance or cause excessive drag.

The rear crotch D-ring is generally used for storing gear that is not used very often, such as reels or lift bags. This D-ring needs to be low enough that you can clip/unclip gear there (and not be blocked by the bottom of the tanks), yet high enough that the gear does not hang down too far. Typically, position the rear D-ring one hand-width down from the bottom of the backplate (Figure 7).

The front crotch D-ring is only used with a tow-behind scooter. Gear should never be clipped to this D-ring, as it will hang in the slipstream and pose significant entanglement hazards.

Final Assembly of your MC System

When using an Eclipse or Pioneer 30 single cylinder wing (Figure 8), attach either the Halcyon stainless steel or weighted Single Tank Adapter to the wing with the two supplied bolts (Figure 9). With either wing, slide the cam straps over your cylinder and tighten at desired position in relation to the cylinder's valve (Figure 10).

When diving with doubles, the backplate is bolted to the cylinders with an Explorer or Evolve buoyancy wing sandwiched between the backplate and cylinders. The bolts on the cylinder bands thread through the two grommets on the wing (Figure 11).



Fig. 9: Single Tank Adapter with Eclipse Wing



Fig. 10: Correct strap position on single cylinder



Fig. 11: Evolve double cylinder wing



Fig. 12: Assembled Eclipse with MC Storage Pak and ACB weight pockets



WARNING: The cam straps may stretch after they become wet. Always wet the straps prior to making the final adjustment, and apply enough tension to ensure that the cylinder is held completely secure. Test this connection before every dive. If the cylinder were to slip free from the MC while you are diving, you may lose your air supply, which could lead to serious injury or death.



WARNING: Halcyon MC buoyancy wings are specifically designed for either single or double cylinders. Always use the appropriate wing for the designated cylinder type(s). Failure to use the appropriate amount of lift for a given cylinder configuration can result in negative buoyancy, which could lead to serious injury or death. Always test your fully rigged and weighted MC system in a controlled environment such as a pool before attempting a dive.

Using a Lift Device with your MC System



Figs. 13-16: Lift bag deployment

The optional MC Storage Pak (Figure 12) provides stealth storage for alternate lift and signaling devices. Storing devices in the Pak eliminates the possibility of accidental damage or entanglement on land, in a boat, or in the water. The Storage Pak bolts onto your rigged Secure Harness backplate with the eight supplied bolts. Alternate lift devices are carried in the Pak folded flat, with the snap connected to the left waist D-ring. To deploy the device simply detach the bolt snap with your left hand and then pull down and to the left (Figures 13 - 16). Once the device has cleared the Pak it can be inflated using the low-pressure hose from your MC inflator or by using a low-pressure hose connected to a separate air source such as a dry suit inflator (Figure 17).

The MC Storage Pak also provides additional padding on single cylinder dives. Alternative lift devices include Diver Alert Markers (safety sausages), Surf Shuttles, lift bags, and the Halcyon Diver's Life Raft. A complete list of Halcyon lift devices is available in this manual's appendix.



Fig. 17: No-Lock Inflator

Weighting your MC System

The Halcyon Multifunction Compensator provides for quick and easy adjustment of your ballast. Once properly fitted, your Secure Harness can be used with any of the Pioneer single cylinder wings or Explorer double cylinder wings, with only minor adjustments of the harness to account for different exposure suits and by the selection of the appropriate weighting system. The goal of any SCUBA configuration is to create a system that allows a diver control at both the beginning and end of a dive.

Proper weighting involves balancing a number of factors, including: increased surface buoyancy (particularly in a neoprene suit before compression), the weight of your breathing supply (reduced as the dive continues) and the need to remain neutral at 10' (3m) assuming an empty cylinder (or cylinders). Typically, more than 80% of the weight a diver wears to sink a neoprene suit is needed only within the first atmosphere. At depth, compression of the material forces the diver to offset the reduction in lift with additional buoyancy. Furthermore, divers must ensure sufficient weight to counteract empty cylinders near the surface where the neoprene suit is not compressed and will begin to exert additional lift.

Halcyon's MC system has the flexibility to allow divers a range of weighting options to achieve proper balance; these options include the Active Control Ballast™ (ACB) system (Figures 18, 19), canister lights, v-weights (placed beneath the back plate on doubles), weighted single tank adapters, backplates in stainless or aluminum, Halcyon Trim Weights (placed on the back of a single tank), and/or the use of a traditional weight belt.

For example, a Pioneer wing might be configured with a combination of releasable and fixed ballast. Six pounds (3 kg) of fixed ballast are accounted for with the Halcyon stainless steel backplate. You may also adjust non-releasable weighting by choosing Halcyon's aluminum backplate or the weighted Halcyon Single Tank Adapter (6 lb/2.7 kg) (Figure 20). Between two and ten additional pounds (1-4 kg) can be positioned directly on your tank as part of Halcyon's Trim Weight Kit (Figures 21, 22). When properly configured and tested, tank trim weighting may assist in facilitating a heads-up position while at the surface. However, you should not consider their MC system as a replacement for a life jacket; it is not designed to function in this capacity. Proper placement of tank mounted Halcyon Trim Weights also promotes stable and consistent horizontal trim during the dive. The remainder of the necessary weighting can be fine-tuned through the use of Halcyon's Active Control Ballast system, configurable with up to 30 pounds



Fig 18: ACB pocket, mounted on Secure Harness waist belt



Fig 19: ACB pocket



Fig 20: Weighted and standard Single Tank Adapters

(13.6 kg) of releasable weight.



CAUTION: It is important not to overweight the diving rig with too much fixed weight; this configuration may not allow sufficient removable weight, preventing the diver from “ditching” the weight and swimming to the surface during an emergency.



CAUTION: You should be certain through in-water testing prior to a dive that, without any air in your buoyancy compensator, you are capable of swimming against the weight of your configuration with full tanks and all weight in place. You need verify that you are able to manage your scuba configuration in the event of a buoyancy failure.



Fig 21: Halcyon Trim Weight Kit

Matching your Wing to the Proper Cylinder

Halcyon’s Pioneer single cylinder wings provide 30 lb (13.6 kg) maximum lift. With the appropriate balanced rig, the Pioneer 30 wing, along with the Eclipse 30 lb (13.6 kg) wing, is designed for light to medium weight aluminum and steel single cylinders, such as a single 20 litre or aluminum 80 cylinder.

Halcyon’s Explorer double cylinder wings are available in 40 lb (20.4 kg) and 55 lb (25 kg) lift sizes; the Evolve wings are available in either 40 lb (20.4 kg) or 60 lb (27.2 kg) lift sizes. The Explorer and Evolve 40 wings are primarily designed for use with double aluminum 80 (10 liter) cylinders. The Explorer 55 and Evolve 60 wings are suitable for use with a wide range of aluminum and steel double cylinders, including 12/15 liter and 95/104 cubic foot steel cylinders. The Evolve 60 is suitable for twin 20 litre cylinders. Explorer and Evolve wings should not be used in any single cylinder configuration.



Fig 22: Use of standard lead weights with the Trim Weight Kit

Using the Active Control Ballast System

Halcyon's Active Control Ballast™ System complements the use of fixed weight to create a “balanced rig;” it is designed to replace the need for a conventional weight belt. The ACB is comprised of two weight pockets attached to the harness waist belt. The left pocket has an integrated D-ring that replaces the D-ring on the harness. The right pocket of the ACB 30 (15 lb/6.8 kg per side) also includes a stainless buckle for attaching a canister light. Both pockets have a “tail” of two-inch webbing with two grommet holes used for attachment to the backplate to prevent the pockets from sliding forward while you are in a proper horizontal swimming position.

Attaching the ACB to your Secure Harness

1. If needed, separate the backplate/harness from the wing.
2. Remove the buckle and D-ring from the left side of the waist strap.
3. Start with the right pocket and thread it onto the right waist strap. The handle of the weight pocket should be pointing to the front of you.
4. The left pocket is then threaded onto the left side waist strap with the handle facing the front of you.
5. The first grommet hole closest to each pocket will line-up with a corresponding hole in the backplate. Use one of the two supplied fasteners to attach the “tail” to the backplate. Do this on both sides.
6. Replace the buckle on the left waist strap. Notice that the D-ring on then ACB pocket replaces the original left hip D-ring.
7. Loading weights into the pockets is very simple. Remove the inner weight pocket and add the desired amount of soft or solid lead weight. The inside of each pocket has a Velcro fastener in it to secure small weights. Replace the inner pocket. The strap is adjustable to accommodate varying amounts of weight in the pocket depending on your requirements. Secure each buckle before your dive.

Using the ACB During a Dive

To remove the weight pockets, release the buckles and slide the inner pockets out and away from your body. Make certain that the weighted inner pockets are free from any entanglements, then release (Figures 23 - 25).





Figs. 23 - 25: ACB weight pocket release

Pre-Dive MC System Inspection

Before each use, the MC must be given a thorough visual inspection and functional test. Never dive with a MC that shows signs of damage to its bladder or valving until it has received a complete inspection and service from an Authorized Halcyon Dealer.

Inspection Checklist

1. Connect the wing's power inflator to a clean air source, via the LP quick disconnect hose. Depress and release the inflator button intermittently to ensure that the airflow is unobstructed, and that the airflow stops completely when the button is released.
 2. Manually operate the overpressure (OP) valve by pulling on the attached string to test spring and valve integrity. Fully inflate the buoyancy wing until the OP valve opens. Examine the operation of the OP valve by repeatedly inflating the wing to ensure that the valve opens to relieve excess pressure, yet closes immediately afterward to allow the bladder to remain taut and fully inflated.
 3. Check the function of the oral inflator button, rapid exhaust valve, and overpressure/manual dump valve to ensure a rapid and unobstructed exhaust from each valve. Listen closely for any leakage with the wing fully inflated but not connected to a low pressure air source. If there is any suspicion of leak, submerge and once equalized to depth check for continued bubbling.
-  **WARNING:** If any leakage can be heard, or if the bladder begins to deflate within 5-10 minutes, **DO NOT** attempt to use the MC until it has received factory prescribed service from an Authorized Halcyon Dealer.
4. Make a final check of tension of both cam straps on the SCUBA cylinder to ensure that they have not loosened due to stretching. Retighten if necessary.
 5. Before entering the water, check both ACB system pockets to ensure that they are correctly fastened to the MC with the Fastex buckles.

 **WARNING:** Loss of the ACB System pockets can occur if the buckles are not securely latched. Unintentional release of both weight pockets underwater may lead to an uncontrolled ascent, and could result in serious injury or death.

MC System Care and Maintenance

With proper care, your Halcyon MC will provide many years of reliable service. The following preventative maintenance must be performed to extend the life of your MC:

Preventative Maintenance

Avoid repeated or prolonged use in heavily chlorinated water. Prolonged exposure to chemically treated water can damage the MC's material.

Do not allow the MC's wing to chafe against any sharp objects or rough surfaces that could abrade or puncture the bladder. Do not set or drop heavy objects, such as block weights, on the MC's wing. Store the wing partially inflated to reduce the possibility of puncture.

Avoid prolonged exposure to direct sunlight and extreme heat. Nylon fabric may fade when exposed to the sun's ultraviolet rays, and extreme heat may damage the integrity of the MC's welded seams.

Avoid any contact with oil, gasoline, or other solvents or contaminants.



CAUTION: Recommended working pressure of the Halcyon MC inflator is 120 psi (8.3 bar) to 160 psi (11 bar).



CAUTION: Operating temperature range of the Halcyon MC system is -20 celsius (-4 fahrenheit) to 70 celsius (158 fahrenheit). All prudent/known safeguards and procedures should be observed when diving in near or sub-freezing temperatures on the surface and below.

Post-dive Maintenance

To prevent permanent damage from corrosion, salt crystals, or chlorine attack, thoroughly rinse the MC inside and out with fresh water after every day of use, using the following procedure:

- 1) Pressurize the power inflator with low pressure air, via the quick disconnect hose.
- 2) Using a garden hose or other fresh water source, direct water through the oral inflator to flush the interior of the bladder, and then thoroughly rinse the exterior of the MC.



CAUTION: Before rinsing, ensure that the power inflator is pressurized with air. This will prevent foreign particles and contaminants from entering the valve mechanism in the event that the inflator button is accidentally depressed.

- 3) Completely drain the bladder of water, either through the oral inflator or through the overpressure valve, being careful to avoid operating the power inflator.
- 4) Inflate the MC and allow it to dry inside and out before storing. Store the MC partially inflated, away from direct sunlight, and in a cool, dry, clean area.

Appendix 1:

Multifunction Compensator System Components

Buoyancy Wings

- Pioneer Single Cylinder Wing, 30 lb (13.6 kg) lift
- Eclipse Single Cylinder Wing, 30 lb (13.6 kg) lift
- Eclipse Single Cylinder Wing, 40 lb (18 kg) lift
- Explorer Double Cylinder Wing, 40 lb (18 kg) lift
- Explorer Double Cylinder Wing, 55 lb (25 kg) lift
- Evolve Double Cylinder Wing, 40 lb (18 kg) lift
- Evolve Double Cylinder Wing, 60 lb (27.2 kg) lift

Alternate Lift Devices

- MC Storage Pak for alternate lift device
- Diver's Life Raft
- Surf Shuttle
- Big Diver's Alert Marker, 4.5' long, 40 lb (18 kg) lift, with OPV
- Super Diver's Alert Marker, 5.9' long, 52 lb (23.6 kg) lift, with OPV
- Small Diver's Alert Marker, Closed Circuit with SS D-ring
- Lift Bag SCC 60 lb (27.2 kg) , Semi-Closed Circuit with OPV
- Lift Bag 80 lb (36.3 kg) , Closed Circuit with OPV
- Lift Bag 185 lb (84 kg), Closed Circuit with OPV

Secure Harness Accessories

- Stainless Steel Backplate, Harness & Knife Pocket (with adj. crotch strap)
- Hardcoated Aluminum Backplate, Harness & Knife Pocket (with adj. crotch strap)
- Right-hand Zippered Pocket (attaches to harness strap)
- Stainless Knife for Halcyon Harness Knife Pocket

Ballast Systems

- Active Control Ballast 12 Integrated Weight Pockets - 6 lb (2.7 kg) per side
- Active Control Ballast 20 Integrated Weight Pockets - 10 lb (4.5 kg) per side
- Trim Weight Kit w/ releasable ballast (10 lb/4.5 kg max)
- V Weight for Double Cylinders, 8 and 11 lb (3.6 and 5 kg), cast lead
- Weighted Single Tank Adapter, 6 lb (2.7 kg)

Gear Bags

- Gear Bag, Textilene / Cordura®

Halcyon Guideline Devices

- Defender Delrin safety/gap/jump spools
- Coldwater Defender jump spools
- Pathfinder Primary Reels, 400', 800', and 1200' versions (122, 244, and 366 meters)

Halcyon Lighting Systems

- Proteus 10 and 18 watt HID/Sealed Lead Acid Systems
- Helios 10 and 18 watt HID/NiMH Systems
- Apollo Video Lighting Systems
- Scout Back-up Lights

Appendix 2: Warranty Information

All warranty requests must be accompanied by proof of original purchase from an Authorized Halcyon Dealer. Be sure to save your sales receipt, and present it whenever returning your MC for warranty service.

HALCYON warrants, to the original purchaser only, that the HALCYON Multifunction Compensator will be free of defects in materials and/or craftsmanship under normal diving use for one year from the date of purchase, provided proper care is performed on all materials as described within this manual. Should your HALCYON MC prove to be defective for any reason (other than those listed in the limitations section below) it will be repaired or replaced (at HALCYON's discretion) free of charge excluding shipping and handling charges. All correspondence concerning this warranty must be accompanied by a copy of the original sales receipt. Repair or replacement is HALCYON's only responsibility and your only remedy under this warranty.



WARNING: It is dangerous for untrained and inexperienced persons to use the equipment covered by this warranty. Therefore, use of these products by an untrained person renders any and all warranties null and void. Use of scuba equipment by anyone who is not a certified diver, or receiving training through a recognized certification agency, shall render void all warranties, expressed or implied.

ALL WARRANTIES, INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE LIMITED IN DURATION TO A PERIOD ENDING ONE YEAR FROM THE DATE OF PURCHASE.

Some states in the U.S. and certain foreign countries do not allow limitations on the duration of implied warranties, so this may not apply to you. This warranty gives you specific legal rights. You may have rights which vary from state to state and country to country.

HALCYON MANUFACTURING DISCLAIMS AND EXCLUDES ANY LIABILITY FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES. SOME STATES IN THE U.S. AND CERTAIN FOREIGN COUNTRIES DO NOT ALLOW EXCLUSIONS OR LIMITATIONS OF LIABILITY FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THIS MAY NOT APPLY TO YOU.

The following restrictions apply to this warranty:

1. This warranty extends to all power inflator parts, and to the seams of the MC wing bladder.
2. This warranty does not extend to abrasion, punctures, or tears of the bladder, or seam separation caused by chemical attack; including prolonged exposure to chlorine.
3. This warranty does not extend to damages caused by improper use, improper maintenance, neglect, unauthorized repairs, modifications, accidents, fire, or casualty.
4. Cosmetic damage, such as scratches, fraying, and nicks are not covered by this warranty.
5. This warranty does not extend to equipment used for rental, commercial, governmental or military purposes.
6. This warranty covers products purchased in the United States. For warranties that may apply elsewhere, please contact your local representative.
7. Failure to meet any of the above requirements will render the warranty null and void.

Find out more about Halcyon...

Halcyon Dealer Network: www.halcyon.net/dealers/

Fair Trade Pricing: www.halcyon.net/ftp/

Product Information: www.halcyon.net/

DIR Gear FAQs: www.halcyon.net/dir/

Manuals: www.halcyon.net/manuals/

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