



AIRFRAME PRO

OWNERS INSTRUCTION MANUAL

SAFETY WARNING: FOR YOUR SAFETY, IT IS IMPORTANT THAT YOU COMPLETELY READ THIS OWNER'S MANUAL AND ALL WARNING LABELS ON AND INSIDE THE HELMET. THE INSTRUCTIONS IN THIS MANUAL ARE DESIGNED TO HELP YOU SELECT THE RIGHT HELMET, WEAR IT PROPERLY, TAKE CARE OF IT AND KNOW WHEN TO REPLACE IT. FAILURE TO FOLLOW THESE INSTRUCTIONS MAY INCREASE YOUR RISK OF SERIOUS INJURY OR DEATH IN AN ACCIDENT. IN ORDER TO GET THE MOST PROTECTION POSSIBLE FROM YOUR HELMET, YOU SHOULD ALWAYS DO THE FOLLOWING – WEAR YOUR HELMET WHEN YOU RIDE, HANDLE YOUR HELMET CAREFULLY TO AVOID ACCIDENTAL DAMAGE AND RIDE SAFE. DO NOT TAKE RISKS BECAUSE YOU ARE WEARING A HELMET.

AIRFRAME PRO *ANGLE OF ATTACK*

The modern riding position - higher rear sets, lower clip-ons - has dramatically altered how a rider interacts with the modern hypersport motorcycle. Compressed into an ever more compact shape, the rider's head positioning requires increased angle to maintain visibility and stability. With this in mind, Icon® designed the AIRFRAME PRO.

Concentrating on this singular design focus allowed us to realize opportunities to decrease drag and weight by sculpting the traditional neckline to avoid jacket or suit interference. Its aggressive geometry increases the line of sight while improving aerodynamic attitude in a fully-tucked riding posture.

The dramatically reduced shell profile, comprised of aerospace-grade carbon fiber or FRP, features a track-recognized ECE certification. Precision assembly techniques further this dedication to mass reduction, allowing Icon® to craft a helmet that is exceptionally light and peerlessly outfitted.

Internally, the traditional three-piece liner has been upgraded to a five-piece liner, providing a greater amount of fitment combinations for each unique head shape. Crown, lateral, fore and aft padding components allow for a possibility of 27 fitment combinations in a single shell, double that of the AIRFRAME PRO's competitors.

Both internally and externally, the Icon® AIRFRAME PRO is optimized for the Angle of Attack.



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The Icon logo is displayed in white on a red background. It features the word "icon" in a lowercase, italicized, sans-serif font, with a stylized white outline of a helmet above the letter "i".

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SAFETY WARNING: Riding a motorcycle is a dangerous activity. No helmet can protect a wearer against all possible impacts. When riding, always wear a helmet, eye protection, protective clothing, gloves and boots. There is no assurance that serious injury or death can be avoided even if you wear the helmet shown in this manual. Take all precautions to avoid every risk when riding a motorcycle. This helmet is not meant for use as a fire retardant product and does not contain any fire retardant materials. Please ensure that your Icon® products fit properly. Improperly fitting products can impair your ability to control your motorcycle.

WAIVER AND RELEASE BY OWNER: No personal protective equipment is able to safeguard against all injuries in the event of an accident or fall from a motorcycle. No personal protective equipment can offer complete protection against impact or abrasion as a result of an accident or fall from a motorcycle. Motorcycling is inherently dangerous in nature and use of this helmet cannot prevent injury or death. Even a low speed accident may result in serious injury or death. When using this helmet, the user assumes all risk associated with this activity, which may cause injury or death. The user hereby waives all claims against Icon® Motosports, Lemans Corporation and J-TECH Corp. for death or injury to his or her person and hereby covenants to not sue for any claims arising as a result of injury or death while using Icon® Motosports products.

CONSTRUCTION

The ICON® AIRFRAME PRO is engineered to the ICON WORLD STANDARD, which meets or exceeds DOT FMVSS 218 (US), ECE 22.05 (EUROPE), SAI AS1698:2006 (AUSTRALIA) & PSC (JAPAN) Helmet Safety Standards. Over 50 countries officially recognize these extensive head protection standards. Refer to the diagram below to familiarize yourself with specific names and terms used on the AIRFRAME PRO helmet before attempting to repair or replace parts on the helmet.

- ① MAIN VENT
- ② FOREHEAD VENT
- ③ EYEPORT GASKET
- ④ FACE SHIELD
- ⑤ SHIELD RELEASE LOCKING SYSTEM
- ⑥ SIDE PLATES
- ⑦ BREATH DEFLECTOR
- ⑧ PROLOCK™
- ⑨ MOUTH VENT
- ⑩ SIDE VENT
- ⑪ DOUBLE "D" RING
- ⑫ OUTER SHELL
- ⑬ DUAL DENSITY EPS
- ⑭ REAR VENT
- ⑮ IMPACT ABSORBENT LINER
- ⑯ COMFORT LINER
- ⑰ BASE GASKET
- ⑱ CHIN STRAP



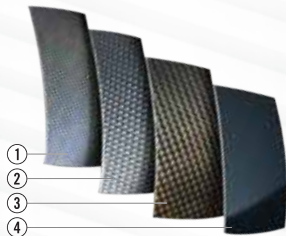
MAKE NO MODIFICATIONS. To maintain the full effectiveness of this helmet, there should be no alteration to the structure of this helmet or its component parts. Paints and adhesives may damage and render your helmet ineffective, without the damage being visible to the user.

SHELL & EPS CONSTRUCTION

SHELL

Using industry-leading pneumatic molding processes, the AIRFRAME PRO's fiberglass, Spectra® and Carbon Fiber composite shell sports a proprietary interlacing system crafted to emphasize superior strength along with centralized mass and minimal weight.

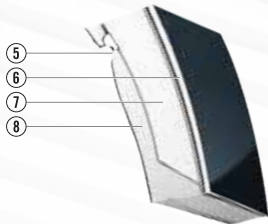
- ① FIBERGLASS
- ② SPECTRA®
- ③ CARBON FIBER
- ④ GRAPHICS AND CLEARCOAT



EPS

The AIRFRAME PRO's dual-density EPS liner is actually two separate Expanded-Polystyrene liners engineered to offer maximum impact absorption and force dissipation. Additionally, both liners are channeled with an extensive series of directional air ducts to distribute airflow from the outer ventilation system.

- ⑤ AIR DUCTS
- ⑥ COMPOSITE SHELL
- ⑦ SOFTER OUTER LAYER
- ⑧ STIFFER INNER LAYER



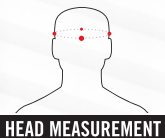
PROPER FITTING

No helmet can protect the user against all foreseeable impacts. For your safety, please choose a helmet in the size that fits your head. For maximum head protection, your helmet must be of proper fit and the retention system must be securely fastened under the chin.

SAFETY WARNING: The helmet size chart below is only for reference. Always try the helmet on and follow this manual's instruction for proper fit.

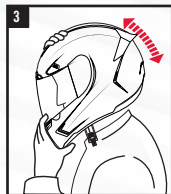
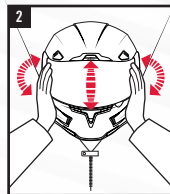
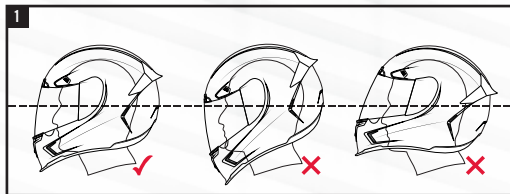
HELMET SIZING CHART

SHELL	2XS	XS	S	M	L	XL	2XL	3XL
HAT SIZE	6 ³ / ₈ - 6 ¹ / ₂	6 ⁵ / ₈ - 6 ³ / ₄	6 ⁷ / ₈ - 7	7 ¹ / ₈ - 7 ¹ / ₄	7 ³ / ₈ - 7 ¹ / ₂	7 ⁵ / ₈ - 7 ³ / ₄	7 ⁷ / ₈ - 8	8 ¹ / ₈ - 8 ¹ / ₄
INCHES	20 ¹ / ₈ - 20 ¹ / ₂	20 ⁷ / ₈ - 21 ¹ / ₄	21 ⁵ / ₈ - 22	22 ³ / ₈ - 22 ³ / ₄	23 ¹ / ₈ - 23 ¹ / ₂	24 - 24 ³ / ₈	24 ³ / ₄ - 25 ¹ / ₈	25 ¹ / ₂ - 26
CENTIMETERS	51-52	53-54	55-56	57-58	59-60	61-62	63-64	65-66



HEAD MEASUREMENT

1. Wrap flexible tape measure approximately one inch above eyebrows and ears.
2. Use this measurement to find your "inches" or "centimeters" head size in our helmet sizing chart.



To ensure a proper fit, please follow the steps below:

1. Position the helmet on your head so that it sits low on your forehead. If you can't see the edge of the brim at the extreme upper range of your vision, the helmet is probably out of place. Adjust the retention system so that when in use, it will hold the helmet firmly in place. **Always make sure you can see well enough to safely operate your motorcycle**
2. With the chinstrap still fastened as tightly as possible, take hold of the helmet with both hands. Without moving your head, try to move the helmet up and down, and from side to side. You should feel the skin of your head and face being pulled as you try to move the helmet. If you can move the helmet around easily, it is too big. Try a smaller size.
3. Now, with the chinstrap secured, put your hands flat on the back of the helmet and try to pull the helmet off by rotating it forward. Then, put your hands on the front of the helmet, and try to push the helmet off by rotating it toward the rear. If the helmet starts to come off in either direction, the helmet is either too large, or the chinstrap is not fastened tightly enough. **If helmet comes off, try another size or another model.**

CHOOSING THE CORRECT HELMET SIZE

Helmet fit is critical to helmet protective performance. Different helmets fit differently due to differences in design and construction. The correct helmet size can only be checked and confirmed by physically fitting the helmet to the user. Always try the helmet on in a store, before purchasing it, to be sure you are purchasing the correct sized helmet for you.

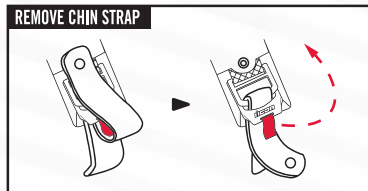
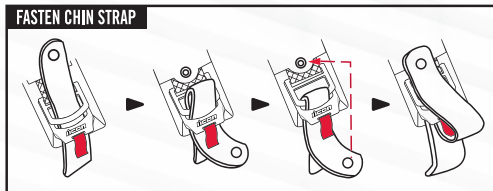
SAFETY WARNING: Never buy a used helmet or borrow someone else's helmet. Over time the protective foam in helmets will adjust to the contours of a user's head. A used or borrowed helmet may not offer as much protection as a new helmet. Wearing the wrong size helmet can increase your risk of serious injury or death in an accident. A helmet that is too large for your head may be dislodged or knocked off in an accident. To select the right size helmet for your head, follow these instructions.

CHINSTRAP

In order for your helmet to function properly, the chinstrap must always be securely fastened while in use. With the chinstrap fastened, it should not be possible to remove the helmet from your head by pulling up at the center rear. Check periodically to see that the vibration has not caused the chinstrap to loosen. Just give a little tug to make sure it is still tight.

To securely fasten the D-ring retention system, thread the end of the chinstrap through the D-rings only as shown in the diagram below. Fasten the female snap of the chinstrap to the male snap to secure the loose end of the chinstrap after the chinstrap is securely fastened. The only function of the snap fastener on the end of the chinstrap is to keep it from flapping in the air stream. It is not part of the retention system and should not be used independently without passing through the D-rings as illustrated below.

To release the D-ring retention system, unsnap the loose end of the chinstrap from its fastener. Then pull on the red flag attached to the end of the lower D-ring to loosen the strap. Once loose, feed the end of the strap back through the D-rings to fully release the chinstrap.



Please make sure that the chinstrap is fastened as instructed above. Failure to do so may result in fatal injury.

SAFETY WARNING: Do not rely on the snap to secure the helmet. The snap is provided only to prevent the strap from flapping in the air. Fasten the retention system only in the following manner of the picture.

AIRFRAME PRO SHIELD

The Airframe Pro is equipped with the Icon Optics™ precision shield, providing you with an unequivocally clear and distortion-free line of sight. All Icon Optics™ shields include the exclusive Rapid Release™ system for the easiest shield removal and replacement on the market. Icon® shields are available in a variety of tints and styles; perfect for any riding situation you may find yourself in.

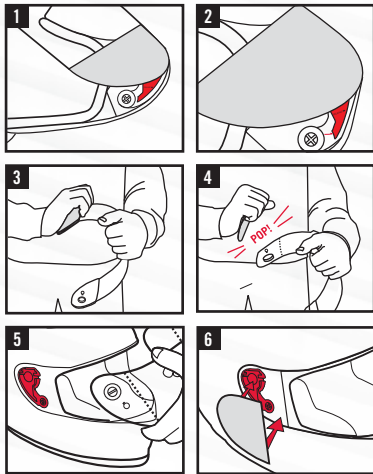
The Icon Optics™ shield supplied with this helmet meets Regulation VESC-8. Visors with the marking indicating "daytime use only" ☉ are not suitable for use during the hours of darkness or in conditions of poor visibility. Make sure the face shield is always in perfect condition.

The Icon TracShield™ is available for the AIRFRAME PRO as a factory solution for riders who prefer tear-offs. Compatible with our Rapid Release™ shield change mechanism, the TracShield™ can be used on the AIRFRAME PRO and Airmada helmets, and is available in Dark Smoke, Clear, Yellow, and RST Silver. Tear-offs are available separately.



SHIELD CHANGE & REMOVAL

1. To remove the shield, open the shield completely.
2. Push both locking levers to the open position toward the rear of the helmet and remove the shield from the gear plates.
3. Once removed, brace the shield with one hand, and use the other hand to pull the side plates from the straight, long edge (the front of the side plates).
4. Pull each side plate until they pop free from the shield.
5. To replace shield, align the tabs on the shield with holes in the gear plates and press in until secure.
6. To replace the side plates, align tabs on side plate with holes in shield, and snap it into place. Repeat for adjacent side plate.
7. Test the opening and closing function of your shield before riding.



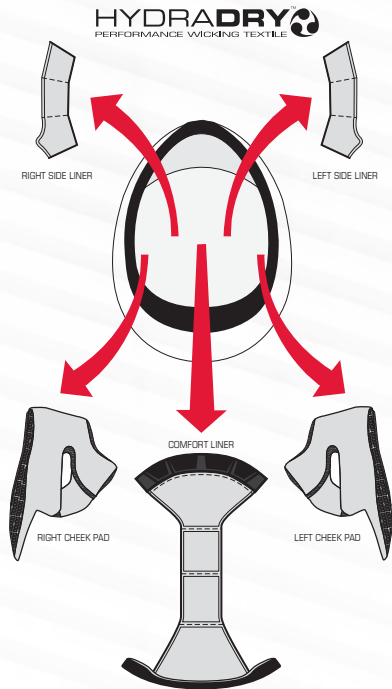
INTERIOR

The Airframe Pro features a fully modular interior; lined with Icon's® exclusive moisture wicking material, HydraDry™.

The size of a helmet is based on a combination of three factors: outer shell size, inner EPS size, and interior component thickness. The comfort of the helmet can be customized by replacing your existing cheek-pads with thinner cheek-pads (for a looser fit) or thicker cheek-pads (for a tighter fit). To order replacement interior components visit your local dealer or www.rideicon.com.

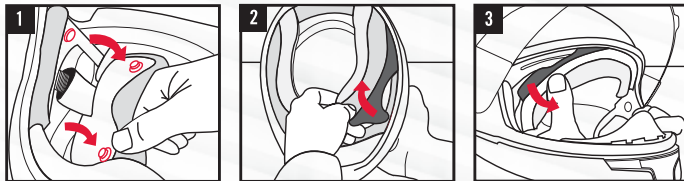
HELMET SIZE	2XS	XS	S	M	L	XL	2XL	3XL
CHEEK PAD SIZE	25 mm	25 mm	20 mm	25 mm	25 mm	30 mm	25 mm	20 mm
COMFORT LINER SIZE	15 mm	15 mm	10 mm	15 mm	18 mm	18 mm	15 mm	10 mm
SIDE LINER	18 mm	18 mm	12 mm	18 mm	20 mm	20 mm	18 mm	10 mm

*PLEASE NOTE: YOUR HELMET SHELL SIZE CAN BE FOUND BY FOLLOWING THE STEPS ON PAGE 5



COMFORT LINER REMOVAL

How to remove your interior for cleaning or replacement:



1. Release each cheekpad from the helmet by pulling inward, freeing it from the attachment system.
2. Flip your helmet over and pull on the cheekpad. Note how the cheekpad plate slips between the helmet shell and EPS liner for reassembly.
3. Remove your comfort liner by releasing it from the two-snap system on the back of the helmet. Then remove the comfort liner attachment point, taking note of how the comfort liner attachment slips into place between the shell and EPS liner. Remove the side-liner pieces by pulling inward, freeing them from their attachment points.

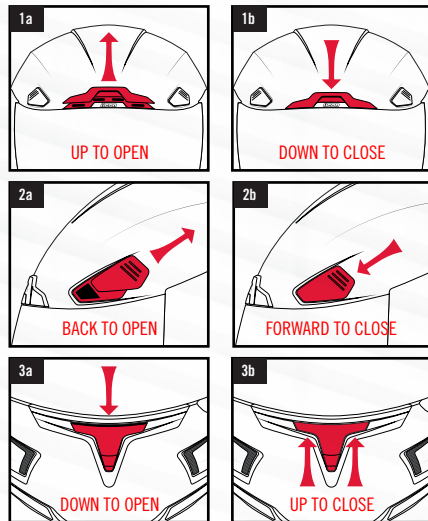
AIRFRAME PRO VENTING

Ventilation is a premier aspect of the AIRFRAME PRO, with a total of nine intake vents and five exhaust vents. The forehead vents are angled to provide linear venting at speed. A deep-channel EPS liner enhances this feature by routing air more effectively. The chin vent is designed for an aggressive riding position, providing intake at the attack angle. The low-pressure exhaust vents round out the venting package.



VENTING SYSTEM

The AIRFRAME PRO uses four simple switches to manage airflow to the interior of the helmet. The forehead vent (1a, 1b) is opened by pressing upward on the grooved pieces. To close, simply press down on the raised element. Similarly, the two side vents (2a, 2b) open by pressing back on the grooved area, and close by pressing the vent cover forward. To open the chin/shield vent (3a, 3b), press in on the raised area. It closes by simply pressing up and in on the grooved area.



CARE AND CLEANING

Let's face it, Icon® helmets look cool and you want to keep them that way. We've found the following methods work really well to keep our helmets looking sharp and ready to roll. Remember, never use gas, pre-mix, carb cleaner, brake cleaner or any other random unlabeled spray can lying around the garage. Chemicals and harsh solvents can break down the materials in your helmet; it's like using brake cleaner to polish your plastics—don't do it!

INTERIOR CLEANING

1. Remove interior lining as shown on page 10.
2. Soak your interior in a mild solution of baby shampoo.
3. Rinse in clean water several times until all soap is gone.
4. Let interior air dry and replace accordingly.

* Never machine wash or dry your helmet interior.

SHIELD CLEANING

Your helmet is equipped with a scratch resistant fog free shield. Common household cleaners such as glass cleaners, surface cleaners, and furniture polishes, can leave behind unwanted residues, or in some extreme cases damage the shield itself. It is our recommendation the same steps outlined above for cleaning the exterior of your helmet should be applied to cleaning the exterior of your shield. Use no cleaners or detergents on the inside of your shield. Using anything other than a clean soft cloth, micro fiber cloth, or the bag supplied with your helmet, will ruin or reduce the effectiveness of the fog free coating.

STORAGE

It is a good idea to protect your helmet if it is stored for a period of time. Store your helmet inside the helmet bag we have provided in a secure, dry place out of direct exposure to sunlight.

EXTERIOR CLEANING (GLOSS HELMETS)

1. Lay a warm, wet, cloth towel on the exterior of the helmet for at least 5 minutes to soften dried on bugs. (Don't skip this step!)
2. Using a fresh, wet, clean cloth and mild dish soap wipe down the exterior to get rid of road grime and softened bug guts.
3. Use another fresh dry cloth towel to dry the helmet and get rid of any water spots.

EXTERIOR CLEANING (RUBATONE™ HELMETS)

1. Lay a warm, wet, cloth towel on the exterior of the helmet for at least 5 minutes to soften dried on bugs.
2. Remove the now softened bugs and road grime with a light blotting action. For this use the soft part of your helmet bag provided or a clean microfiber cloth.

* Never rub aggressively with anything on the Rubatone™ or you can ruin the finish.

EXTERIOR POLISHING

1. For gloss helmet finishes, use spray automotive wax that is specifically designed for cars with a clear coat. (Available at any automotive store.)
2. For matte finishes, you know better than to polish a matte finish don't you?

ADVISORY

ONE IMPACT RULE - ANY HELMET THAT HAS SUSTAINED AN IMPACT SHOULD BE REPLACED.

Helmets are designed to absorb only one impact. The helmet is designed to absorb some shock by partial destruction of the shell and liner. After your helmet has endured any impact, the impact absorption liner portion of your helmet will have dispersed the energy from that impact, thus rendering the liner compacted and, therefore, compromised. This damage may not be visible. Even if there is no VISIBLE damage to the shell, the helmet's usefulness is expired after one impact. A helmet that has experienced an impact should be destroyed and replaced, even if it is apparently undamaged.

OBSELESENCE AND HELMET DISPOSAL

A helmet has a limited lifespan in use and should be replaced when it shows obvious signs of wear, e.g. change of fit, cracks, rust or fraying or other signs of normal "wear and tear" that can contribute to helmet degradation.

SAFETY WARNING: If you buy a new helmet, destroy the old one to ensure it cannot be reused. Do not sell or give away your old helmet, even if it has not been damaged. Over time, the protective layer in the helmet will adjust to the contours of your head. If someone else uses this helmet it will not provide him or her with as much protection.

USING YOUR HELMET CORRECTLY

SAFETY WARNING: To reduce the risk of serious injury or death and to help prevent damage to your helmet:

Never adjust your helmet accessories while riding – Only make helmet adjustments when stopped. Never drop your helmet – Dropping your helmet may crack the shell or damage the protective foam. The damage may not be visible. Your helmet is only designed for ONE impact. Refer to "ONE IMPACT RULE" for more information. Never wear anything between your head and your helmet – This may reduce the effectiveness of your helmet. Never hang or hook your helmet on anything including mirror stalks, handle bar, or sissy bars – Doing so may cause damage to the helmet protective foam or liner. Never use insect repellent on or around your helmet – Insect repellent may damage your helmet's visor, shell, protective foam, or other components. Never expose helmet to gasoline or gasoline fumes – Gasoline may damage your helmet's visor, shell, protective foam, or other components.

INSPECT YOUR HELMET

SAFETY WARNING: To reduce the risk of serious injury or death, always use your helmet correctly. Check the shield and shield ratchet – retighten shield ratchet screws if necessary. Be sure not to over-tighten any screws. Plastic base plate screws can break and aluminum screws can strip the screw sleeves if over-tightened. Check for helmet damage. If your helmet is damaged or cracked, stop using it immediately. If your helmet has been dropped, you may not be able to see the damage. Check for worn or damaged parts. Plastic components may wear out over time. If you find worn or damaged parts, replace them or purchase a new helmet. For a complete listing of helmet replacement parts and accessories including liners, cheek-pads, side-plates, breath deflectors, etc. visit us at WWW.RIDEICON.COM

REPLACEMENT RECOMMENDATION

The five-year helmet replacement recommendation is based on a consensus of the majority of helmet manufacturers. Glues, resins and other materials used in helmet production can affect liner materials over time. Hair oils, body fluids and cosmetics, as well as normal "wear and tear" also contribute to helmet liner degradation.

Additionally, petroleum-based products present in cleaners, paints, fuels, and other commonly encountered materials may break down materials used in the construction of many helmets, possibly compromising performance. Experience indicates that helmet standards are revised every five years. This, coupled with advances in materials, designs and production methods suggest that it is in the rider's best interest to replace his/her helmet every five years at a minimum.



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