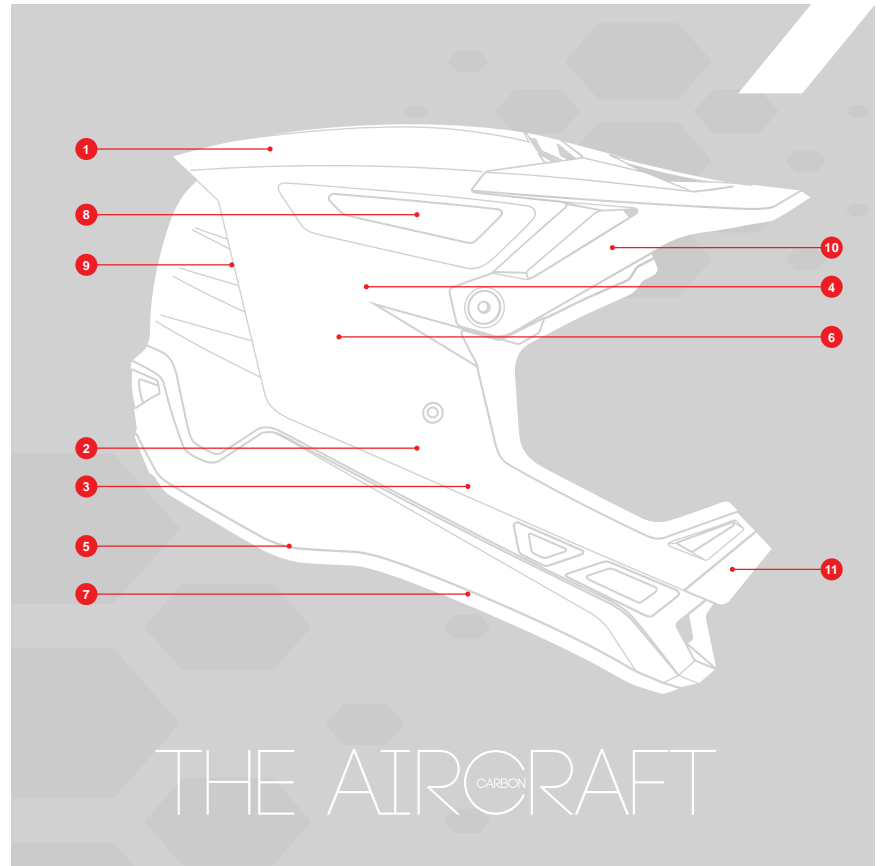


# THE AIRCRAFT

USERS MANUAL

## HELMET FEATURES

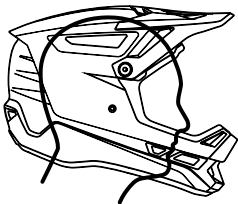
1. Ultra light Design with Aerospace Carbon/Kevlar composite shell and other engineered materials.
2. Antibacterial Comfort Liner Cheek Pads, and Chin Strap Cover that's removable and washable.
3. Emergency release cheek pads.
4. Compatible with inflatable emergency helmet release systems.
5. Compatible with most neck brace systems.
6. Speaker compatible with wire channel.
7. Titanium D-Ring Buckle.
8. Active Cooling with large channel vents that pulls air and moisture from the head and goggle during riding.
9. Passive Cooling with strategically place vents that allow for ventilation when user is not riding and there's no airflow.
10. Adjustable visor with machined light weight aluminum side screws.
11. Replaceable Mouth Guard.
12. Durable Helmet Case with goggle pocket
13. Meets ASTM Down Hill and ASTM BMX Standards
14. Complies with ASTM, CPSC, CE, and AS/NZ Bicycle Standards.



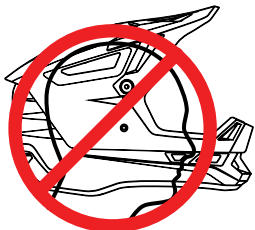
## HELMET SIZE AND FITTING ATTENTION – READ CAREFULLY!

The helmet can only protect if it fits well. User should try different sizes and choose the size that feels secure and comfortable on the head.

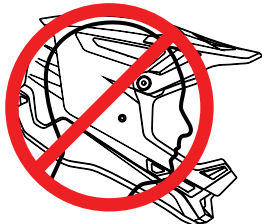
The helmet should be adjusted to fit the user, e.g. the straps positioned so that they do not cover the ears, the buckle positioned away from the jawbone and the straps and buckle adjusted to be both comfortable and firm. The helmet should be positioned on the head to ensure the intended protection is provided (e.g. that it should be placed so as to protect the forehead and not be pushed too far over the back of the head). A helmet cannot always protect against injury. Any helmet subjected to a severe impact should be discarded and destroyed. Any of the original components of this helmet should not be modified or removed, otherwise recommended by the manufacturer. Helmet should not be adapted for the purpose of fitting accessories in a way not recommended by the manufacturer.



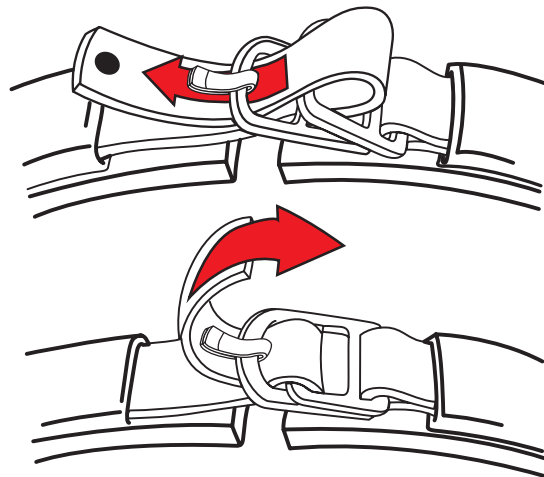
• CORRECT POSITION



• INCORRECT POSITION



• INCORRECT POSITION



**⚠ WARNING-DO NOT MAKE ANY MODIFICATION TO THIS HELMET INCLUDING THE CHIN STRAP, INTERIOR AND EXTERIOR SHELL.**

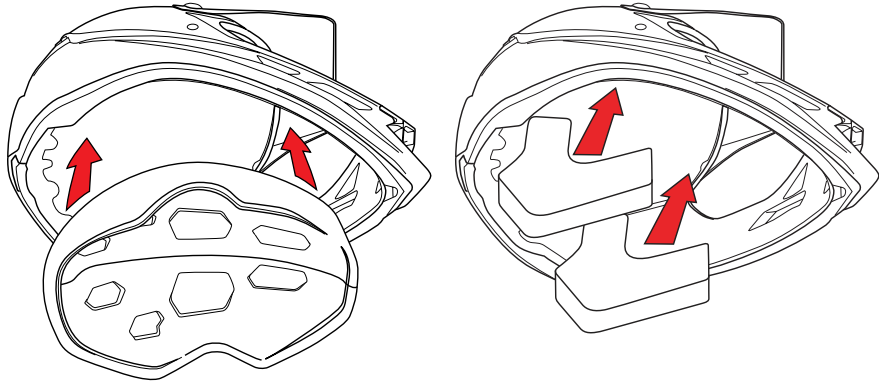
Do not cut, drill or extract parts from the inner shell and composite outer shell; you could reduce the impact absorption features of the helmet. Any modification to the helmet will void all warranties. Do not expose this helmet to indirect or direct heat, such as leaving it in the hot sun or a car. Heat may damage the internal substructure and damage or destroy the helmet. This helmet has a limited life span and should be replaced when it shows obvious signs of wear or has been subject to any impact or accident.

## COMFORT LINER AND CHECKPADS

The comfort liner is connected to the helmet with four snaps. To remove this, gently pull on the red tabs towards the upper left or right corner of the liner and unsnap the corners. Repeat this process on the lower rear section to completely free the comfort liner from the helmet. To re-install, place the comfort liner in the helmet, aligning the front of the liner with the front of the helmet.

The cheek pads are connected to the helmet using 3 snaps. To remove, gently pull the lower corner closest to the front of the helmet and repeat for each snap until the cheek pad is removed. To reinstall, refer to the instructions for removal.

**⚠ WARNING: IF PLACED BACKWARDS, THE COMFORT LINER WILL NOT PROPERLY FIT IN THE HELMET, COMPROMISING ITS FUNCTION AND SAFETY AND, IN THE EVENT OF AN IMPACT OR ACCIDENT, COULD RESULT IN SERIOUS INJURY OR DEATH. THE LINER IS ESSENTIAL TO THE INTENDED PERFORMANCE OF THE HELMET.**



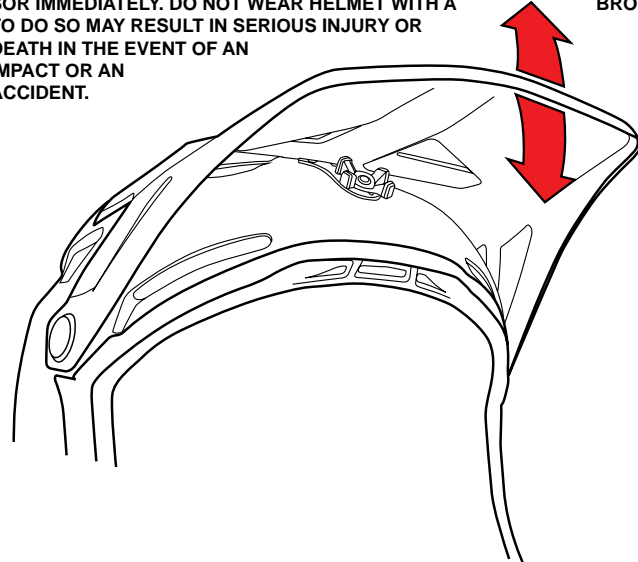
## VISOR ADJUSTMENT AND REPLACEMENT

To adjust the visor, slightly loosen the side screws with a flat head screwdriver. Reaching under the center of the visor, slightly loosen the adjustment screw with your fingers. Pivot the visor up or down to the desired position. Hand-tighten the center adjustment screw to secure the position, then hand-tighten the side screws to fully hold in place.

To replace the visor, perform the above steps for adjustment but fully remove the screws and visor. Place new visor and insert side screws first. Then insert center adjustment screw, adjust visor and hand-tighten the screw.

**⚠ WARNING: TAKE CARE NOT TO OVER TIGHTEN THE SCREWS. ONLY HAND-TIGHTEN THE SCREWS. TAKE CARE NOT TO CROSS-THREAD THE SCREWS. DOING SO MIGHT CAUSE IRREPARABLE DAMAGE TO THE HELMET, NOT COVERED BY WARRANTY.**

**⚠ WARNING: IF VISOR BREAKS DUE TO IMPACT OR ACCIDENT, REMOVE AND REPLACE VISOR IMMEDIATELY. DO NOT WEAR HELMET WITH A BROKEN VISOR. FAILURE TO DO SO MAY RESULT IN SERIOUS INJURY OR DEATH IN THE EVENT OF AN IMPACT OR AN ACCIDENT.**



## HELMET CARE AND IMPACT

**⚠ WARNING: DO NOT WEAR THE HELMET AFTER AN IMPACT FOR ANY REASON, EVEN IF THERE IS NO VISIBLE DAMAGE TO THE SHELL. THE HELMET IS MADE FOR ABSORBING IMPACT THROUGH AN ALTERATION OR PARTIAL DESTRUCTION OF SOME OF ITS PARTS, AND DAMAGE MAY NOT BE VISIBLE. FOR THIS REASON THE HELMET MUST BE DESTROYED OR REPLACED AFTER IMPACT. IF YOU HAVE ANY QUESTIONS WHETHER YOUR HELMET SHOULD BE REPLACED, YOU CAN CALL YOUR LOCAL DEALER OR 100% FOR FURTHER INSPECTION.**

## LIMITED WARRANTY

**READ CAREFULLY:** All 100% helmets come with a one-year warranty from the date of purchase. The warranty covers manufacture defects. The warranty DOES NOT cover the following: damage caused by an accident, negligence, improper care, normal wear and tear, scratches, abrasions or other incidental damage to the helmets outer shell. You must have proof of purchase for warranty to be valid.

**READ CAREFULLY: DAMAGE TO THE HELMET AFTER AN IMPACT IS NOT A SIGN OF ANY DEFECT IN THE HELMET DESIGN OR CONSTRUCTION. ITS EXACTLY WHAT THE HELMET IS INTENDED TO DO.**

**CRASH REPLACEMENT POLICY:** Here at 100% we understand accidents happen. If you were in an accident and your helmet suffered from any impact, please contact 100% directly and request a CRA (Crash Replacement Authorization) Number and we will inspect it. Once inspected, if the damage shows it was indeed from an accident and not intentional, you may be eligible for a 30% discount on a replacement helmet.

## INSTRUCTIONS FOR USE AND CARE

**Clean helmet with mild soap and water. No chemical or petroleum products.**

No helmet can protect the wearer against all possible impacts.

The helmet is designed to be retained by a strap under the lower jaw.

- To be effective, a helmet must fit and be worn correctly. To check for correct fit, place helmet on head and make any adjustments indicated. Securely fasten retention system. Grasp the helmet and try to rotate it to the front and rear. A correctly fitted helmet should be comfortable and should not move forward to obscure vision or rearward to expose the forehead.
- No attachments should be made to the helmet except those recommended by the helmet manufacturer.
- The helmet is designed to absorb shock by partial destruction of the shell and liner. This damage may not be visible. Therefore, if subjected to a severe blow, the helmet should be destroyed and replaced even if it appears undamaged.
- The helmet may be damaged and rendered ineffective by petroleum and petroleum products, cleaning agents, paints, adhesives and the like, without the damage being visible to the user. A helmet has a limited lifespan in use and should be replaced when it shows obvious signs of wear.



## **WARNING**

**WARNING:** Use at your own risk: Read the owner manual before using this helmet. THIS HELMET IS INTENDED FOR BICYCLES ONLY AND NOT FOR MOTORIZED VEHICLES INCLUDING MOTORCYCLES OR MOPEDS. Sharp objects can pierce this helmet. For maximum protection the helmet must be fitted and attached properly to the wearer's head in accordance with the owner manual. THIS HELMET MAY, AFTER RECEIVING ANY IMPACT, BE DAMAGED TO THE POINT THAT IT IS NO LONGER ADEQUATE TO PROTECT THE HEAD AGAINST ANY FURTHER IMPACTS, AND THAT THIS DAMAGE MAY NOT BE VISIBLE TO THE USER. A HELMET THAT HAS SUSTAINED ANY IMPACT SHOULD BE RETURNED TO THE MANUFACTURE FOR INSPECTION, OR BE DESTROYED AND REPLACED.

This Helmet complies with U.S. CPSC Safety Standard for bicycle helmets for persons age 5 and older.

This Helmet complies with ASTM F1952-10, ASTM F2032-06, CPSC 1203, EN CE 1078:2012, AS/NZ 2063:2008

**WARNING FOR PARENTS:** This helmet should not be worn by children while climbing or doing other activities. There is a risk of hanging or strangulation if the child gets trapped while wearing this helmet.

**WARNING:** Bicycle helmet—NOT intended for use in motor sports or by motorcyclists. Substances such as petrol, paint, adhesives, or cleaning agents can seriously damage helmet. Make no modifications. Fasten helmet securely under the jaw.

**WARNING:** The 100% AIRCRAFT helmet is made specifically for the mountain biking rider's protection and made for BICYCLING ONLY. It cannot guarantee the same safety standards for a different use. In an accident the helmet alone does not eliminate the risk of serious or even mortal injuries.

Because every accident scenario is different, it is impossible to know whether use of a helmet will provide partial or complete protection. Studies have shown that you are better off with a helmet than without one.

Your helmet will not protect against injury in all types of accidents. Even while wearing a helmet, low speed accident may result in serious head injury or death

A bicycle helmet does not protect what it does not cover and as noted it may not protect what it does cover. A bicycle does not protect against injuries against the spine, neck and face. Follow all cycling rules and laws on the street, track and on the trails. Dangerous and extreme sports can result in serious injury or death. Safety is your responsibility.

## **AS/NZ 2063:20089**

### **Warnings and Standards**

- 1. NO HELMET CAN PROTECT THE WEARER AGAINST ALL POSSIBLE IMPACTS.**
- 2. THE HELMET IS DESIGNED TO BE RETAINED BY A STRAP UNDER THE LOWER JAW.**
- 3. TO BE EFFECTIVE, A HELMET MUST FIT AND BE WORN CORRECTLY. TO CHECK FOR CORRECT FIT, PLACE HELMET ON HEAD AND MAKE ANY ADJUSTMENTS INDICATED. SECURELY FASTEN RETENTION SYSTEM. GRASP THE HELMET AND TRY TO ROTATE IT TO THE FRONT AND REAR. A CORRECTLY FITTED HELMET SHOULD BE COMFORTABLE AND SHOULD NOT MOVE FORWARD TO OBSCURE VISION OR REARWARD TO EXPOSE THE FOREHEAD.**
- 4. NO ATTACHMENTS SHOULD BE MADE TO THE HELMET EXCEPT THOSE RECOMMENDED BY THE HELMET MANUFACTURER.**
- 5. THE HELMET IS DESIGNED TO ABSORB SHOCK BY PARTIAL DESTRUCTION OF THE SHELL AND LINER. THIS DAMAGE MAY NOT BE VISIBLE. THEREFORE, IF SUBJECTED TO A SEVERE BLOW, THE HELMET SHOULD BE DESTROYED AND REPLACED EVEN IF IT APPEARS UNDAIMAGED.**
- 6. THE HELMET MAY BE DAMAGED AND RENDERED INEFFECTIVE BY PETROLEUM AND PETROLEUM PRODUCTS, CLEANING AGENTS, PAINTS, ADHESIVES AND THE LIKE, WITHOUT THE DAMAGE BEING VISIBLE TO THE USER.**
- 7. A HELMET HAS A LIMITED LIFESPAN IN USE AND SHOULD BE REPLACED WHEN IT SHOWS OBVIOUS SIGNS OF WEAR.**
- 8. THIS HELMET SHOULD NOT BE USED BY CHILDREN WHILE CLIMBING OR DOING OTHER ACTIVITIES WHERE THERE IS A RISK OF HANGING OR STRANGULATION IF THE CHILD GETS TRAPPED WHILE STILL WEARING THE HELMET.**