



# LIFT

AIRBORNE TECHNOLOGIES



NEXT GENERATION  
FIXED WING FLIGHT HELMET



## LIGHTWEIGHT

Head worn weight of helmets is critical to the long-term safety of the user. With all external mounted devices and technology on our direct competitor, the AV 2.2 is 42% lighter with head worn weight compared to said competitor.

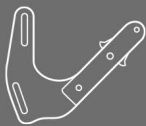
## VENTILATION

Koroyd, an advanced impact protection system for the user, also provides an incredibly ventilated environment for the user due to its multi hole structure combined with the external venting on the AV 2.2. It is also easy to remove, inspect, and replace if necessary.



## CUSTOM FITTING

A custom/personalized fit in the AV 2.2 is an easy task for the user with our variously sized comfort liner fitting pads. Our system of 5 comfort liner pads inside the helmet can be customized using any combination of 7-, 10-, or 13-millimeter thicknesses to achieve the best custom fit possible with limited maintenance.



### ADJUSTABLE BAYONET CLIPS

Innovative receiver design allows up to 45 degrees of adjustability per side



### AIRCREW MOUNTED POWER SUPPLY (AMPS)

Provides a green solution for a true 'all-in-one' power source. Eliminates any helmet-mounted batteries.



### EASY ACCESS LIGHT SWITCH

This innovative system features NVG-compatible lights with three adjustable brightness levels on each side of the helmet



## LOW PROFILE NVG MOUNTING PLATE

The low-profile NVG Mounting Plate allows for quick on/off capabilities for the user and is designed to be integrated with Aviator Night Vision Image System (ANVIS) configurations. With the NVG Mounting Plate being externally mounted it also allows the ability to easily swap the NVG Mounting Plate to the Slick Cover Plate.

## SINGLE PIVOT LIGHTWEIGHT VISOR

The top actuated single pivot dual visor assembly is designed to allow the user the ability to easily raise and/or lower the clear, polycarbonate, visor in smooth one-handed operation.

## COCKPIT ILLUMINATION ASSEMBLY

This unique assembly provides a hands-free activation with NVG compatible illumination fully integrated into the AV 2.2. The system features NVG compatible lights with three adjustable levels of brightness on each side of the helmet for up to 5 lumens on High, 2 lumens on Middle, and 0.04 lumens on the Lowest setting.

## ROTATABLE BAYONET RECEIVERS

Oxygen masks are attached to the helmet through the use of an internal pair of adjustable and Rotatable Bayonet Receivers. The unique design allows for receiver adjustments of up to 45 degrees per side. Interchangeable and easily replaceable, the receivers also incorporate 5 detailed fitting marks so mask positioning can be recorded on inspection records to ensure that the same fit can be built on a new helmet should a change out be needed.

## HANDS FREE COCKPIT ILLUMINATION

This innovative system features NVG-compatible lights with three adjustable brightness levels on each side of the helmet.

## MAGNETIC CHIN STRAP

The Magnetic Chin Strap buckle on the AV 2.2 allows the user to mate the chin strap with a single hand. Once connected the male/female latch assembly can withstand more than 438 lbs. of force.

# TECHNOLOGY PARTNERS

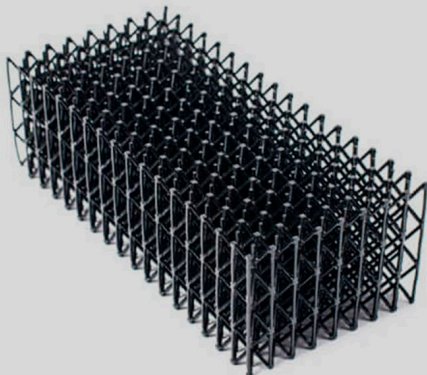
With 'Choose Better' being the motto of LIFT Airborne, we have chosen to align ourselves with key partners that share our goal of reaching the peak in both performance and technology in every aspect possible.



A leader in the Active Noise Reduction (ANR) headset market in the general aviation segment, Lightspeed has translated what they're known for in as quiet as possible environment combined with unparalleled comfort into our AV 2.2.



Koroyd's mission is to create better products that offer a plethora of benefits including enhanced breathability, an incredibly lightweight feel, and, above all, advanced impact protection.



Carbon, a California based company, is a 3d printing technology LIFT Airborne is utilizing to help optimize our product development and product to market processes to bring a safer helmet to market at a rapid rate.

# MODULARITY

## EXECUTION, SUSTAINABILITY, & CUSTOMIZATION

**EXECUTION** - Rapidly change configurations in flight. Change from Day to Night configuration with ease and without having to install any additional equipment. Eliminate unnecessary weight above the neck while adding technology and improve sortie duration with a 25% lighter NVG solution, with our helmet being 42% lighter than other tactical helmet solutions.

**SUSTAINABILITY** - Efficiently inspect each component with a plug and play design. Reuse components and reduce unnecessary inventory. Higher quality components reduces repairable parts. When fiscal resources are not abundant easily interchange parts across our family of helmets.

Go Green using re-usable energy with our Patented Power & Communication solution: Aircrew Mounted Power Supply (AMPS)

**CUSTOMIZATION** - Ready to increase your situational awareness and fly tactically at night? Simply, add our hands free integrated cockpit lighting system as an upgrade, using the same helmet. Upgrade components with shorter development & testing cycles. With firmware changes we can change the acoustic experience for specific aircraft attenuation. Monitor your total daily exposure and CO2 levels with NextGen Advanced Active Noise Reduction Technology.



# ABOUT

With locations around the domestic United States, LIFT Airborne Technologies is the premier expert in building advanced flight helmet systems and related high-end componentry. As a branch of worldwide leaders of protection equipment and apparel that includes, among others, EVS Sports, LIFT Safety, and LIFT Aviation, we strive to design and produce advanced protective equipment, apparel, and gear that's at the pinnacle of industry standards. LIFT Airborne incorporates only the latest in components and technology to deliver the most modular, adaptable, and comfortable helmet available to the user for use in almost any application. Our goal is to constantly evolve every component and element of every product we build to ALWAYS be introducing the latest and greatest in technology and innovation. Our experienced and quality focused team has utilized and continues to implement a simple phrase for everything we do: Choose Better.

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## A FAMILY OF INNOVATION

We utilized over 35 years of design and engineering experience in both the personal protective and sport performance industries to create the AV 2.2. That experience combined with the use of high-grade materials and cutting-edge innovation/technology went into every component and aspect of the AV 2.2 to create a product that pushes the boundaries of what was thought possible in a helmet.



**Distributed by:**

**Aviation and Survival Support**

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