

# FOCUS ON: SYSTEM MASS

LIGHTEST HELMET LINER TO EXCEED ACH REQUIREMENTS

The Halo system mass landed at a market-defining 80g.

This is 25% lighter than its direct off-the-shelf competitor TW Epic Air (122g) in the same configuration (size M/L, 0.75" fit), making it the lightest ACH 10fps suspension system on the market.

# 80g

DELTA  
THREE  
OSCAR

## FOCUS ON: COMFORT

EXTRA-THICK, PLUSH, FULL COVERAGE FIT

Halo has been designed with end-user comfort and fit in mind.

The Delta Three Oscar team of engineers has maximized the comfort foam thickness – without altering the 0.75” fit – to guarantee **best-in-class short and long term comfort.**

The comfort foam has been scientifically developed to provide a familiar plush, full coverage fit and is **wrapped in premium MILSPEC anti-microbial wicking fabrics.**

# 37%

is pure comfort foam



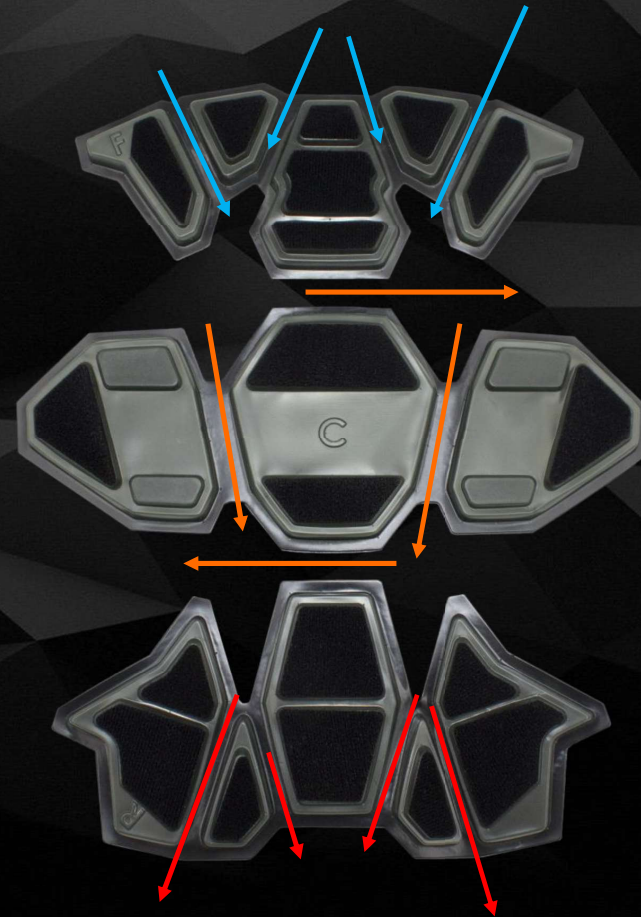
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# FOCUS ON: UNRESTRICTED AIRFLOW

## INTEGRATED AIR CHANNELS

Halo features **12 integrated airflow channels** that help circulate the air in between the end-user's head and the helmet shell:

1. Prevents moisture accumulation
2. Prevents sweat build-up and reduces chance of sweat dripping in the user's eyes
3. Maintains the comfort foam at an optimal stiffness



DELTA  
THREE  
OSCAR

# FOCUS ON: HEADSET COMPATIBILITY

## SELF-CONFORMING CROWN PAD

Halo's crown pad has been designed with a permanent headset band recess and strategically placed flex grooves to allow the pad to conform to the headset when used.

1. Ensures the user can use the **same liner configuration for each scenario**, without needing to remove or carry additional pads.
2. **Reduces the chance of the user losing the crown pad** because it is always within the helmet.
3. Impact protection **performance is maintained** even when using a comms system.





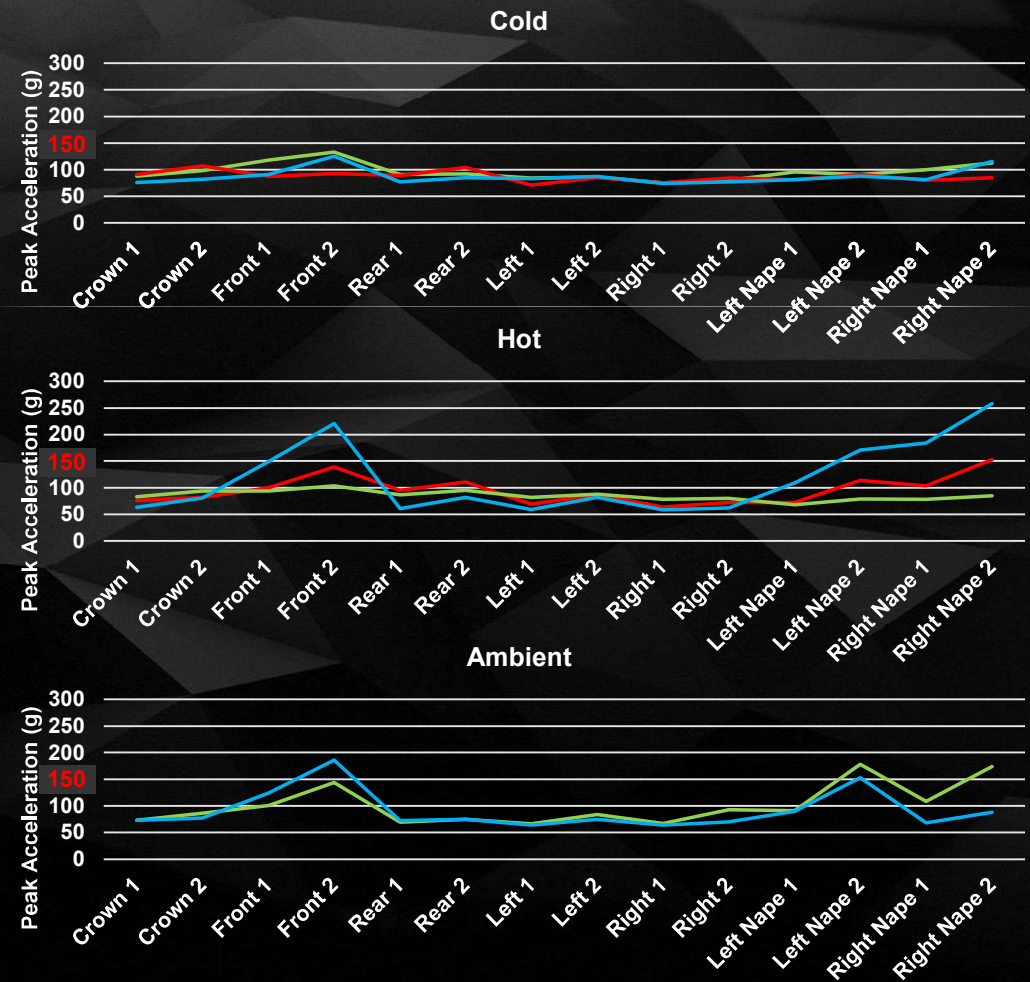
# FOCUS ON: IMPACT PERFORMANCE

## SIZE LARGE SHELL TESTING

- Halo in soft Aramid shell
- Halo in stiff PE shell
- Team Wendy Epic Air in soft Aramid shell

Halo **exceeds the AR/PD 10-02 requirements by 33%**, averaging <100g across all conditions in the most challenging liner-shell configurations.

Halo boasts the same overall impact performance as competitor Team Wendy Epic Air in a **25% lighter weight package** whilst offering a much **more consistent behaviour** across impact locations/temperatures.



# FOCUS ON: TEMPERATURE STABILITY

## SIZE LARGE SHELL TESTING

- Halo in soft Aramid shell
- Team Wendy Epic Air in soft Aramid shell

D3O's all-new **thermodynamic formulation** allows the Halo liner to get stiffer at hot than cold condition, thus **behaving the opposite way to the shell materials** and preventing failure-prone super-soft or super-stiff shell-liner impact events.

Halo shows an average of only 14g between cold and hot conditions, whilst Team Wendy Epic Air averages 43g – **that's a 67% improvement.**

Whatever the theatre conditions, Halo protects.

Delta Cold vs. Hot (G difference) by impact location

