

ADOM^{FC}

Flight to Combat



Mask Quick Release (MQR)
Helmet Attachment



Bayonet Helmet Attachment

Combat Mission Capability

High G – High Altitude

ADOM^{FC}

Flight Adjustments



Doff and Drop Down off Face



Standard Flight
(Comfortable Mask Tensioning)

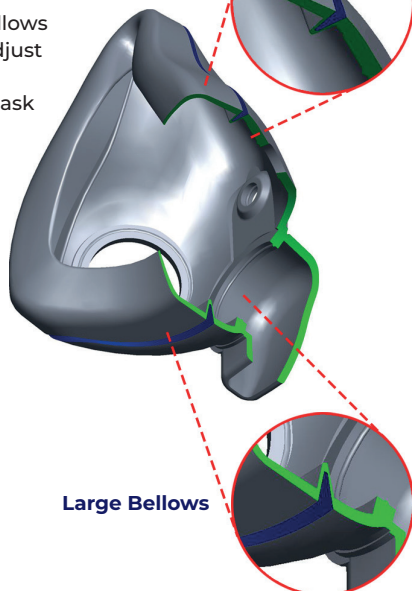


Combat Flight
(Additional Mask Tensioning)

Dynamic Face Seal

Incorporating a unique bellows system to automatically adjust under varying mask cavity pressure and guarantee mask seal performance

Small Bellows



Large Bellows

**BAEs Striker II
Helmet-Mounted
Display (HMD) with
the ADOM oxygen
mask as a critical
element of the
integrated life
support system.**



TECHNICAL SPECIFICATIONS

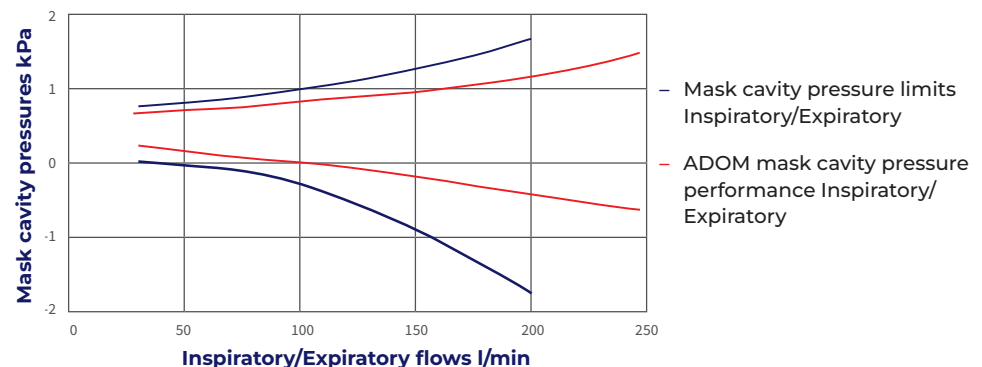
Standards	ASIC – ASMG 4068 / MAA – Def Stan 00970 NPA/2012-003
Head supported mass	204g (Small – Blue) 214g (Medium/Large – Red)
Sizes: Two (2)	ID colour codes: Blue – Small / Red – Medium/Large The reduced size of oxygen mask cavity decreases the CO ₂ dead space volume
Temperature range	Operational: –40°C (–40°F) to +70°C (+158°F) at 5 - 100% RH Non Operational/Storage: +4°C (+39°F) to +30°C (+86°F) at 65% RH max
Helmet compatibility	HGU-55/P, HGU-68/P, HGU-84/P, HGU-56/P, ALPHA 200 Series, ALPHA 300 Series, ALPHA 700 Series and ALPHA 900 Series – NVG & HMD compatible BAE Systems Striker I & II and LIFT Airborne AV2.2
Dynamic performance	Pressure Breathing at Altitude (PBA) – 72mm Hg at 60,000ft Pressure Breathing with G (PBG) – 60mm Hg at 9Gz and onset rates under flight conditions of 8G.sec and 15g.sec
Shelf life	Exceeds the requirements of MIL Spec 810E

PRODUCT INTERFACES

Helmet attachment	Bayonet type or Mask Quick Release (MQR)
Communications	Dynamic, 5 ohm, 75 ohm and 150 ohm

MASK CAVITY PRESSURE SWINGS (Typhoon specification)

Main ASP regulator safety pressure at 3mmHg



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