



CBRN Tactical Mask

The **JSAM-TA CBRN Aircrew Respirator** was developed to meet and exceed the demands of current and future aircraft platforms including fast jet, fixed wing multi-crew aircraft and helicopter platforms.

There is no aircraft modification required and the aircrew respirator is multi helmet compatible.

Incorporating the Advanced Dynamic Oxygen Mask (ADOM) high performance PBG 9Gz and PBA to 60,000 ft.

The JSAM-TA Aircrew Respirator also features an articulating optically correct visor to enable eye relief adjustment to integrate with helmet mounted display (HMD) systems and night vision goggles (NVG's)

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TECHNICAL SPECIFICATIONS

Standards	ASIC 62/112/2B Minimum Physiological Requirements for Aircrew NBC Protective Headgear STANAG 3943 Physiological Requirements for Aircrew CBRN Defence Assemblies Used in Flight
Head Supported Mass	870g (Nominal)
Sizes	5
CBRN Protection	+16 Hours (Blown Mode)
Windblast	600 knots (KEAS)
G Stability	+9Gz to -3Gz (At onset rates of +15 Gz/sec)
Temperature Range	Operational -30°C (-25°F) to +55°C (+130°F) at 5-100% RH Storage +4°C (+39°F) to +30°C (+86°F) at 5-100% RH
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 Compatibility	JHMCS, Top Owl, Cobra, Striker I & II, ANVIS-9
Shelf Life	5 years

ORDERING DETAILS

The CBRN Respirator is offered in four (4) variants that can be tailored to a specific Aircraft/Aircrew or operational requirement

TOP ASSEMBLY ITEM	Platform Recommendation
A/P22P-14A(V)1 Respirator Assembly (XXS-XL)	Helicopter
A/P22P-14A(V)3 Respirator Assembly (XXS-XL)	Fighter
A/P22P-14A(V)4 Respirator Assembly (XXS-XL)	Fixed Wing – Multi Crew
A/P22P-14A(V)5 Respirator Assembly (XXS-XL)	Osprey

The Cam Lock Aircrew Respirator, under single source contract with the United States Navy (USN) and Marine Corps (USMC) since 1984, with recent contract renewal for the Joint Services Aircrew Mask (JSAM) fast jet Tactical Aircraft (TA) variants of the A/P22P-14(V) Respirator assembly.

The functions of the JSAM-TA Respirator Assembly provide full head-eye-respiratory protection for all aircraft aircrews to permit sustained operations in CBRN contaminated environments and qualified on the following aircraft platforms: F-22A, F/A-18 A/C/D/E/F, E/A-18G, MV-22, KC-130J, AV-8B, C-2 A and E-2C/D aircraft systems and equipment.

Other international Defence Forces:
In service on aircraft platforms: CH-47F, S-70A-9, ARH, MH-60R, C-27J, C-17A and C-130J.

PRODUCT INTERFACES

Helmet Attachment	Bayonet type or Mask Quick Release (MQR)
Communications	Any range from Dynamic or Electret
Oxygen Systems	On Board Oxygen Generation (OBOG), Liquid Oxygen (LOX) and Oxygen Bottles, Panel Mounted, Non-Oxygen Aircraft



Cam Lock Ltd

10 Springlakes Industrial Estate
Aldershot, Hampshire GU12 4UH
United Kingdom
T: +44 (0)1252 366 648
E: info@camlockuk.com
www.camlocksafety.com