

MBU-20A/P Oxygen Mask

The Gentex MBU-20A/P is a non-PBG version of the USAF approved pilot oxygen mask system. Equipped with integrated communications microphone and optional NVIS compliant Mask Light, the MBU-20A/P provides aircrew on A-10, B-1, B-2, B-52, C-130, C-17, KC-135, and other fixed wing platforms with the same comfort and production as the Combat Edge mask at a reduced cost.

KEY FEATURES

Low Breathing Resistance Function and Optimal Sealing

Separate inhalation and exhalation valves minimize breathing resistance and a special reflective edge provides optimum sealing to optimize safety and reduce aircrew fatigue. Additional safety features include a silicone-rubber chin cup and cheek flaps, which provide injury protection during high speed and/or high altitude ejections.

Versatile, Low Profile Design

The MBU-20A/P utilizes a lightweight hard shell that may be custom-trimmed to optimize fit and comfort. Single-handed in-flight donning and doffing capability, with the ability to allow the mask to hang on either the left or right side of the helmet, adds to the versatility and easy operation of the mask. The low-profile design incorporates a smaller mask cavity than other oxygen masks to reduce CO₂ buildup.

Seamless Integration with Other Helmet System Components

The MBU-20A/P seamlessly integrates with the Gentex HGU-55/P Helmet and other helmet system components including Night Vision Goggles, Helmet Mounted Displays, and tracked and bungee visor systems. The Gentex M-169A Microphone and standard communication interfaces are included and the MBU-20AP meets all current speech intelligibility requirements.



Broad Range of Sizes for Use in fixed wing U.S. Aircraft

Designed for the specific needs of U.S. Air Force aircrew flying B-1, B-2, B-52, C-130, C-17, KC-135 aircraft, the MBU-20A/P Oxygen Mask is available in five sizes to fit the 97th to the 3rd percentile. A sizing chart is available to help determine the optimal fit.

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Part Number	Size	NSN
G010-1100-85	Extra Small Narrow	1660-01-538-9635
G010-1100-81	Small Narrow	1660-01-538-9647
G010-1100-82	Medium Narrow	1660-01-538-9554
G010-1100-83	Medium Wide	1660-01-539-0564
G010-1100-84	Large Wide	1660-01-538-9925

Contact Us

Gentex is committed to designing and manufacturing advanced performance capabilities for worldwide aircrew personnel. The Gentex MBU-20A/P is controlled for export by the U.S. Export Administration Regulations (EAR) 15 CFR 730-774. The export of this helmet and related technical information requires prior authorization from the U.S. Government. For more information on the Gentex MBU-20A/P Oxygen Mask, please contact Gentex at sales@gentexcorp.com or one of our authorized distributors through www.gentexcorp.com. Like us at facebook.com/Gentexcorp.