



Superior fit and visibility.

Pilots have a complex and challenging job with a need to react fast and have instant access to the right equipment at the right time. That's why it only takes seconds to don our Sweep-On® Fullface™ crew oxygen mask system, which offers pilots superior performance, comfort and safety.

With its patented flexible lens, superior visibility, soft silicone face seal and unique single-knob regulator mode control, our Sweep-On Fullface mask is one of the most technically advanced oxygen mask systems in the industry.

COMFORTABLE, SAFE AND FLEXIBLE

A soft silicone face seal provides superior sealing over a variety of facial shapes and sizes. The flexible lens fits comfortably over eyeglasses and offers the largest field of view – up and down and side to side – of any full face mask. The oxygen supply hose swivel with limiter enables both ease of movement and microphone wire protection.

The Sweep-On Fullface mask provides complete protection against both smoke and hypoxia – while allowing clear audio transmission. It's TSO-certified up to 45,000 feet. And because pilots can don it quickly and easily adjust the controls, it greatly enhances the safety of everyone on board.

Several optional features include a non-invasive communication system providing clear audio transmission through

deactivation of user microphone during inhalation. Other optional features include an adjustable harness for customized fit, pressure indicators, and a variety of oxygen and audio connectors.

ADJUSTABLE OXYGEN DELIVERY

Our full face mask features a demand regulator, selectable via a single knob, that operates in three modes.

NORM – In normal/diluter mode, the regulator provides supplemental oxygen based on cabin altitude. At lower altitudes, ambient air enters the regulator and mixes with the oxygen to conserve the oxygen supply. As cabin altitude increases, the regulator reduces the percentage of ambient air coming in until 100% oxygen is supplied to the user.

100% – The 100% mode will supply 100% oxygen to the user regardless of altitude.

EMER – The emergency mode provides 100% oxygen with a positive pressure to prevent gas contaminants from entering the mask.

STOWAGE SYSTEMS

A variety of easy-to-use stowage containers provides added safety: standard stowage container, stowage cup, and stowage bag. Additionally, the system enables pilots to perform pre-flight testing to verify the integrity of the regulator and microphone without having to remove the mask from its stowage position.

KEY FEATURES

- > Largest field of view in the industry
- > Flexible, face-conforming face seal
- > Single-knob regulator mode control
- > In-situ, press-to-test stowage feature

KEY BENEFITS

- > Increases visibility
- > Fits over eyeglasses and a variety of facial shapes and sizes
- > Simplifies oxygen mode selection
- > Expedites preflight testing
- > Protects against hypoxia and toxic smoke
- > Fully TSO approved



CREW MASK AND REGULATOR

MODEL	APPROVAL	DESCRIPTION	FEATURES
Mega grip 174660-XX	TSO-C58	Automatic oxygen dilution from sea level and emergency purge for visual and respiratory protection	Single-knob regulator mode selector with NORM, 100% and EMER mode settings
Dual button 174690-XX	TSO-C78		
	TSO-C89 TSO-C99 to 40,000 feet		
Mega grip 174662-XX	TSO-C58	Automatic oxygen dilution from sea level and emergency purge for visual and respiratory protection Automatic positive pressure breathing to 45,000 feet	Single-knob regulator mode selector with NORM, 100% and EMER mode settings
Dual button 174692-XX	TSO-C78		
	TSO-C89 TSO-C99 to 45,000 feet		
Dual Button 174642-XX	TSO-C58	Automatic oxygen dilution from sea level and emergency purge for visual and respiratory protection Automatic positive pressure breathing to 45,000 feet Comfort control harness	Single-knob regulator mode selector with NORM, 100% and EMER mode settings
	TSO-C78		
	TSO-C89		
	TSO-C99 to 45,000 feet		

SPECIFICATIONS

Crew mask and regulator	Service Aviators breathing oxygen per MIL-O-27210 type 1	Supply pressure 60-90 psig	Certifications TSO-C78, TSO-C89, TSO-C99 TSO-C58 approval with electret microphone
Standard stowage container	Dimensions 7.87" x 4.80" x various depths (200 mm x 122 mm x various depths)	Mounting opening 6.70" x 4.80" (170 mm x 122 mm)	TSOA per ARINC standards
Stowage cup	Dimension 7.45" x 6.00" x 4.70" (190 mm x 152 mm x 119 mm)	Mounting opening 2.92" X axis by 3.16" Y axis (74 mm X axis by 80 mm Y axis)	TSOA
Stowage bag	Dimensions 20.25" x 8.50" (514 mm x 215 mm)	Mounting opening N/A	TSOA

Specifications subject to change without notice.

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