GENTEX®
AIRCREW SYSTEMS

SPH-5

Rotary Wing Aircrew Helmet System

The Gentex SPH-5 Rotary Wing Aircrew Helmet System

Protection and Comfort in a Versatile, Lightweight Design

With its versatile design, the Gentex SPH-5 Rotary Wing Aircrew Helmet System is used by emergency medical personnel, firefighters, government agencies, and commercial pilots around the globe. Combining superior protection and lightweight comfort, the versatile SPH-5 accommodates a wide range of eye/facial protection, communications, and hearing protection accessories to meet specific and evolving flight needs.

KEY FEATURES

Strong, Lightweight Shell and Liner

The strong, lightweight composite shell and polystyrene Energy Absorbing Liner (EAL) molded to conform to the inside of the helmet shell provides impact resistance of 300 Gs (cold) and 400 Gs (hot). In addition to a rugged exterior that has rubber edge beading on the periphery, a washable helmet comfort liner—the Gentex Thermoplastic Liner (TPL®)—optimizes overall head fit and comfort, and features special fastener strips for easy installation and removal. For added comfort, the Super Comfort Liner (SCL) is also available, which has a thicker, plush cloth cover. Both preformed TPL's and SCL's fit most head shapes within a given size, and if necessary, they can be heat-softened and custom fitted.

The Gentex SPH-5 Rotary Wing Aircrew Helmet System Front View

Stabilizing Retention System Provides Optimum Fit and Protection

Using a hook and pile closure at the nape for individual sizing; an adjustable nape strap; front, rear and center straps with triple eyelets for vertical adjustment of the ear cups; and a chin strap, the yoke-style retention system stabilizes the helmet. The system is available in double D-ring or as a quick-disconnect (snap), both withstanding a pull strength test of 300 lbs.

Custom-Designed Maxillofacial Shield (MFS)

(Continued on back)

Contact Us

Gentex is committed to designing advanced performance capabilities for worldwide aircrew personnel. For more information regarding the Gentex SPH-5 Rotary Wing Aircrew Helmet System, contact Gentex's authorized distributor, Transaero at info@transaeroinc.com, www.transaeroinc.com. General inquiries, please contact Gentex at sales@gentexcorp.com, www.gentexcorp.com.

Gentex Corporation 324 Main Street Carbondale, PA 18407 Tel: 570.282.3550 Fax: 570.282.8555 www.gentexcorp.com

Copyright © 2014 Gentex Corporation. Gentex and TPL are registered trademarks of Gentex Corporation.

GENTEX®
AIRCREW SYSTEMS

SPH-5

KEY FEATURES CONTINUED

Versatile Visor Systems

The SPH-5 Helmet is available with a single or lightweight dual visor system that protects the eyes from glare, wind, and dust, and features clear and neutral gray (sunshade) polycarbonate visors. An optional dual visor system is also available with a quick disconnect device for the Gentex ANVIS-6 Night Vision Goggle mount. For particularly demanding mission requirements, laser visors, high contrast visors, and gradient visors can be included as upgrades to improve protection and visual acuity day, night or in inclement weather conditions. Every Gentex visor meets all the performance requirements of MIL-V-43511, and has an abrasion-resistant coating on the front and back surfaces in accordance with MIL-C-83409.

Advanced Communication Components Come Standard

The helmet comes standard with a boom-mounted adjustable microphone, in addition to a swivel assembly, dual earphones, a communications cord, and a microphone cord. The SPH-5 is also compatible with the Communications Ear Plug (CEP) and a flex boom microphone is available as an upgrade.

Superb Sound Attenuation

For maximum sound attenuation and comfort, the contoured plastic ear-cup assemblies have a cushioned ear seal with a raised inner ring, which reduces the transmitted force while screening out excessive noise levels that can impair hearing.

Custom-Designed Maxillofacial Shield

A Maxillofacial Shield (MFS) designed specifically for the SPH-5 is also available to provide lower facial protection from rotor wash, flying debris, and windblast during helicopter operations.

Contact Us

Gentex is committed to designing advanced performance capabilities for worldwide aircrew personnel. For more information regarding the Gentex SPH-5 Rotary Wing Aircrew Helmet System, contact Gentex's authorized distributor, Transaero at info@transaeroinc.com, www.transaeroinc.com. General inquiries, please contact Gentex at sales@gentexcorp.com, www.gentexcorp.com.

Gentex Corporation 324 Main Street Carbondale, PA 18407 Tel: 570.282.3550 Fax: 570.282.8555 www.gentexcorp.com

Copyright © 2014 Gentex Corporation. Gentex and TPL are registered trademarks of Gentex Corporation.