

**MSA Gallet / Tiger Performance Products, Inc.
Limited Warranty**

LA 100 LH 050 LH 150 LH 250



Tiger Performance Products, Inc.
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Conditions for Use

This helmet was designed to efficiently protect pilots and flight personnel from:

- Impacts which may occur during flight.
- Blinding.
- Excessive noise.

Any other use is to be avoided, and relieves the responsibility of MSA Gallet / Tiger Performance Safety Products, Inc.

This product ensures optimal user protection within the limits of the specified conditions.

- **Do not modify your helmet.**
- **Attach the chinstrap under the chin at all times.**

• Replace your helmet in case of significant impact, even if there is no visible damage.

Helmet Storage

It is recommended to:

- Place the cover on the outer visor
- Store the helmet in its carrying bag away from dust and humidity (at an ambient temperature of 10 to 30°C (50°F to 86°F), and relative humidity between 25 and 65%).
- Do not store the helmet near corrosive products.

Care of Helmet

- **Warning: do not apply paint, adhesives, hydrocarbons, or solvents in order to avoid deterioration of materials.**
- To clean the shell and visors: use soapy water and a soft cloth only.
- To clean leather parts: use glycerin soap on a lint-free cloth, and rub; it is not necessary to rinse.

Description of Helmet Features

- The LH helmet's **shell** is made of:
 - a one-piece shell in high performance carbon fibers, aramid and epoxy resin. The shell covers a large head protection zone, and has good flexibility for user manipulation.
 - an expanded polystyrene inner padding for impact absorption. It is covered with a velvet lining for the user's comfort, with the possibility of attaching different size elements.
- **The outside coating** is flame retardant. Paint adherence is in accordance with the ISO 2403 standard.
- **The inner lining** is made up of a set of four elements available in several sizes which make it possible to perfectly fit the user's head form. This set includes an edgeroll, a neck pad, a top pad and a front pad.

The lining elements are made up of different types of foam and soft leather to ensure user's comfort. These four inner lining elements are interchangeable and attached inside the shell by Velcro strips. Adaptation to the user's head form is made by choosing each of these parts.

- The LA 100 helmet includes **two protective visors** (depending on helmet version): an inner visor, and an outer visor which can be held in high or low position.
- **The acoustic protection system** is made up of:
 - two injection moulded thermoplastic earcups, with a slot to hold headphones.
 - two soft plastic earpads for comfort, ergonomically shaped.These earcups ensure correct acoustic protection and are fixed inside the shell by Velcro strips.
- The **chinstrap** is made up of a synthetic fire-proof fiber strap with a clipping system at each end. It can be permanently locked on the right or left side. A leather end-piece covers the strap to ensure user's comfort.
- The **outer visor cover** is fixed by two Velcro strips on the outer visor.
- Every helmet is delivered in a canvas **carrying bag**.
- The **LH helmet** can be used with any type of avionics.

Standards and Technical Characteristics

Functional characteristics:

This product was designed in accordance with the following standards:

- **Protection against impact:**
 - MIL-DTL-87174/A
- **Protection against perforation of the shell and outer visor:**
 - MIL-DTL-87174/A
- **Resistance of the retention system in accordance with standards:**
 - EN 966:1996
- **Audio protection:**
 - Passive attenuation of LH Helmet – ANSI S312.42 1995 (MIRE method)
 - Hz 125 250 500 1000 2000 3150 4000 6300 dB 4 9 11 25 42 49 51 57
 - average values
- **Heat and fire protection:** flame retardant outside coating.
- **The field of vision** is not altered when wearing the helmet.
- **The visors** are in accordance with standard MIL-V-43511B and EN 1836:1997.
- **Ergonomics, comfort:** a preliminary helmet adjustment to the user's head form is possible. Adjustment of the locking system can be done by the user without any special tools.
- **Head mobility:** the helmet does not limit natural head movements in operational use conditions. The helmet's center of gravity is close to the head.
- **Average weight (not including avionics):**
 - Small size helmet (XS, S, M): 910g (2.00 lbs)
 - Large size helmet (L,XL,XXL): 990g (2.18 lbs)
- **The identification marking** is legible and indelible. It includes:
 - The name of the supplier
 - The **MSA GALLET** product reference
 - The serial number
- **Communication system:** the helmet can be used with any type of avionics (contact your supplier).

Guarantee

All of our models, accessories, and spare parts are meticulously inspected before leaving the factory.

MSA GALLET® helmets and their options are guaranteed one year, beginning from the date of purchase, parts and labor, for any mechanical failure which may occur during use in the conditions described in these instructions.