

Technical Service Bulletin

Galeo PFD 67020 & 67021 Series User manuals 53057-001 & 53087-001

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RATING

	DANGER Injury possible if TSB not observed or followed
	WARNING Product damage possible if TSB not observed or followed
X	CAUTION Essential issue affecting operation, service, or parts
	INFORMATIONAL Advisory which may be of interest

APPLICATION:

This technical service bulletin applies to all Galeo PFDs from the 67020 and 67021. An update in their respective manual has been made (manuals 53057-001 & 53087-001) to further detail critical proceedings with the PFD as well as further detail warnings and precautions.

SUMMARY:

The modification is to bring emphasis to the importance of:

1. Ensuring that when worn integrated with a plate carrier, the attachment points are not excessively tightened;
2. Ensuring all applicable maintenance is done when a PFD and/or its salt-tab bobbin is exposed to moisture, water or high humidity;
3. Ensuring that service inspection is done more frequently when the PFD is used in sub-zero climate and that is serviced if inflated in water in sub-zero climate;
4. Ensuring that only validated cylinders are used on the Galeo PFD (i.e. precautions if using a non-Tulmar supplied cylinder to use only UL 1191 cylinders or equivalent NSN cylinders).

IMPACT:

Potential modifications to the general maintenance process for the Galeo PFD and / or Galeo Plus. Impact of these changes or changes not followed.

1. A Galeo PFD or Galeo Plus worn too tightly on a plate carrier could be at risk of a mis-inflation, where only one lobe would inflate or full inflation could see slight delays. In addition, this could

result in discomfort for the wearer and added wear and tear to the attachment system (T-Bar straps or Mobius Loop Straps) as well as to the buckles and cover of the Galeo or Galeo Plus. Using a 45g CO2 cylinder will decrease the likelihood of a mis inflation but not reduce the risk of discomfort and additional wear and tear.

2. There is a risk of gradual or even quick degradation of the salt tab in the PFD if the Galeo is not properly dried after usage and the bobbin does not change when the Galeo was damp, wet or exposed to high humidity. This could in turn result in an accidental inflation of the PFD. In addition, keeping the Galeo frequently damp or wet when packed risks the formation on mold and mildew.
3. Exposure to sub-zero climate can degrade some common components, such as spring or O-rings in the inflator, faster than in warm or temperate climate. To ensure optimal performance, when used in sub-zero climate, increase service inspection intervals to every 6 months or 10 inflations, whichever comes first, and service after each inflation in cold weather waters.
4. Usage of a non-approved cylinder could result in inadvertent inflation or misfiring of the cylinder.

ACTION:

The user is to read the new revision of the manual and replace any existing copy they have on file with the new version. Ensure usage and maintenance conform to the revised version, including:

- Any training or user instructions;
- General maintenance processes; and
- Internal copies.

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