



TECHNICAL NOTIFICATION BULLETIN

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PM-TNB-052

Aircraft:

ALL**NO.MG.0025**

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Special attention

CREW

Issue Date:

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Disinfection of the Helicopter Interior and the External handles Virus Outbreaks of the Novel Corona Virus (SARS-CoV-2)

INTRODUCTION

Due to the current concern regarding the spread of the Corona Virus recently renamed SARS-CoV-2, and the respective coronavirus disease 2019 (COVID-19), these recommendations and guidance related to helicopter cleaning and disinfection are given. This TNB is based on the Information Notice IN No 3476-I-12 published by Airbus and the Information letter GEN-20-082 and GEN-20-84 published by Leonardo.

DESCRIPTION

The interior of aircraft should be cleaned prior to disinfection in accordance with the published procedures described in the appendix to the extended PFI guide – Cleaning of aircraft cabin for EC135T3H, BK117D2 and AW139. For EC135P2+ and EC135P3, the cleaning of the aircraft cabin is described in EC135 -EO-120004 Cleaning of aircraft cabin EC135P2+ and EC135P3.

This procedure shall be performed:

- As necessary, recommended once a week
- After an operation where the cabin has been polluted
- Helicopter exchange
- When there is risk of infection

Airbus Helicopters have two recommended Consumable Materials (CM) for disinfection usage. These products are identified as **Dismozon Pur** (CM 2002) and **Kohrsolin extra** (CM 2009).

Leonardo recommends to clean and fully disinfect the aircraft using substances suitable for aviation containing **62%-71% ethanol alcohol, 0,5% hydrogen peroxide or 0.1% sodium hypochlorite**.

NLA AS has also accepted the use of **Virkon, Perasafe, Ethanol 70% and Lifeclean** for the disinfection of the medical interior. Virkon is mentioned as a sufficient product for disinfection of the corona virus. It is not necessary to wait for 2 hours between cleaning and disinfecting the cabin as described in the PFI guide.

Disinfection products should be applied, using pre-impregnated wipes (scrub and wipe technique) to keep the materials localized. Please refer to the product technical data sheet for further information on the usage method as allowed and respect an adequate time to allow all treated parts to dry completely. Remember to wipe of the disinfection product with a cloth with hot water to avoid the material to react on the low pH in the product.

For best cleaning and disinfection results, it is recommended (when practical) to remove any interior items including; seat cushions, protective covers, curtain, cabinets and equipment for improved access. The removed equipment can be disinfected in accordance with the appropriate manufacturer specifications (when available)



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Disinfectants can be used on the installed aircraft interior and exterior handles including:

- Covers
- Floor
- Paneling including; sides, overhead and the cargo compartment
- Windows
- Internal and external handles
- Seat belt buckles (Do not apply to Seat belt webbing)
- Seats and seat covers
- Medical interior
- Medical retainers
- Stretcher platform and stretcher (handles and surfaces)
- Door handles inside/outside

In order to avoid damage during disinfectant application, prevent the following:

- **Spraying, evaporation or uncontrolled application in the interior of the helicopter**
- **Puddle formation and penetration in crevices / joints etc.**
- **Contact with electric or electronic components**
- **Contact with cockpit displays, glass covers on flight instruments and any equipment screen surfaces.**

Note: Apply disinfection products carefully - Damage to parts surface may occur when the surface protection of the relevant component is deteriorated. Personnel using such disinfection products shall follow the manufacturer's safety advice and use appropriate Personal Protection Equipment (PPE) such as mask and gloves.