

To: All AgustaWestland helicopters Owners / Operators / Service Centres

SUBJECT: Coronavirus 'SARS-CoV-2' Infections – Cleaning advices

Helicopters Affected: All AgustaWestland helicopters

Dear Customer / Operator,

referring to the ongoing SARS-CoV-2 outbreak, Leonardo Helicopters Customer Support & Services LH would like to provide you some advices on possible activities to be performed for an adequate helicopter decontamination.

With reference also to EASA SIB 2020-02 and ECDC Technical Report “Interim guidance for environmental cleaning in non-healthcare facilities exposed to SARS-CoV-2”, it is worth to highlight that in order to minimize the risk of spreading COVID-19 “[...] *cleaning with water and household detergents and use of common disinfectant products should be sufficient for general precautionary cleaning*”.

For this reason based on Operators common practice, especially in EMS environment, please consider that commercial products, including those reported in Annex A (but not limited to), can be taken into consideration for cleaning and disinfection for helicopter interiors.

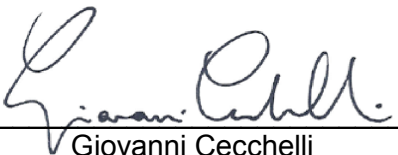
LH suggests to increase the cleaning frequency based upon the aircraft usage on operations that may have an increased probability of contamination; for such application approaches, it is hereby suggested to keep all precautionary actions to protect the health of cleaning personnel and to all specific prescriptions that can be submitted by national CAAs.

In addition, based on the experience of previous phenomena linked to coronaviruses, specific agents can be considered eligible for decontamination actions. The use of such antimicrobial agents (following the minimum requirements in terms of concentration reported into Annex B) has been demonstrated to minimize the effects of possible contamination.

Please consider to refer also to each 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.

Should you need any additional information, do not hesitate to refer to the point of contact provided with the Customer Support & Training Worldwide Directory, available on the Leonardo website at this [link](#).

Yours Sincerely,



Giovanni Cecchelli
Leonardo Helicopters
Vice President
Customer Support & Services - Italy

Annex A

Name	Supplier	Notes
Dismozon Pur	Bode Chemie company (Hamburg - DE)	Oxygen-active disinfectant cleaner - wide range of material compatibility
Minutil	Ecolab (MuttENZ - CH)	Hospital usage for surgical suite and Ambulances disinfection
Incidur	Draeger Safety Co. (Lübeck - DE)	Hospital usage for surgical suite and Ambulances disinfection
Dialzima Plus	Mondial snc (Padua - IT)	Hospital usage for Ambulances disinfection
Fenocid	Mondial snc (Padua - IT)	Hospital usage for Ambulances disinfection
Icepur	IC Products SA (Minusio CH).	Used in the medical sector, in laboratories, in the food industry

Annex B

Antimicrobial agent	Concentration	Coronaviruses tested
Ethanol	70%	HCoV-229E, MHV-2, MHV-N, CCV, TGEV
Sodium hypochlorite	0.1–0.5% 0.05–0.1%	HCoV-229E SARS-CoV
Povidone-iodine	10% (1% iodine)	HCoV-229E
Glutaraldehyde	2%	HCoV-229E
Isopropanol	50%	MHV-2, MHV-N, CCV
Benzalkonium chloride	0.05%	MHV-2, MHV-N, CCV
Sodium chlorite	0.23%	MHV-2, MHV-N, CCV
Formaldehyde	0.7%	MHV-2, MHV-N, CCV