



# Maximum protection for your aircraft

Protective measures against the coronavirus



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Cleanliness in airplanes is always essential to maintain the health of travelers and staff. However, especially now – during the current worldwide COVID-19 pandemic – cleanliness and hygiene on board are more important than ever. Extensive cleaning and disinfection as well as the decontamination of your aircraft or jet are the basic prerequisites for carefree travelling from A to B. Together with Vienna Aircraft Handling ISS Austria, the number 1 in the facility

services market, offers comprehensive cleaning measures for maximum safety in your aircraft. The certified experts have been trained for and specialized in cleaning, disinfection and decontamination of aircrafts. This means that ISS can guarantee the best possible standard in air traffic: For both, aircrafts currently in operation and unused or decommissioned planes and jets that need to be prepared for carefree recommissioning.



### What are the risks?

Since coronaviruses can persist on different surfaces for up to three days, deep cleaning is necessary as a basic measure. For a safe environment in the aircraft area-wide disinfections and decontaminations are necessary. Especially those places and areas which are used frequently, pose an increased risk. Due to the long incubation period of up to two weeks, extensive cleaning and disinfections are strongly recommended before your aircraft or jet is put back into operation.



### Intensive cleaning as a basic measure

To protect the health of the crew and passengers on board, all hygienic, neuralgic points (contact surfaces) should be cleaned several times. Such neuralgic points are door handles, buttons, switches, armrests, interior equipment such as board telephones and keyboards, but also fittings and dispensers in the sanitary area. The intensive cleaning of these important points is a basic measure.



### Intensive cleaning with subsequent wipe disinfection

In any case, before a desired disinfection (using virucidal or limited virucidal disinfectant) can be conducted, an intensive cleaning of the respective area must be carried out. Our trained personnel use the prescribed protective equipment and disposable or pre-soaked cloths for wipe disinfection.

### 5 steps of a disinfection nebulization

1 Pre-cleaning

2 Fogging

3 Leave room

4 Exposure time

5 Ventilate room





## Special: Surface disinfection or decontamination

In addition to surface disinfection by wiping, we offer special decontamination measures upon request. Particularly in the case of delicate aircrafts and jets or in the case of contact with suspected COVID-19 cases or confirmed infections, comprehensive decontamination should be conducted. Experienced and specially trained cleaning personnel, so-called DECON teams, carry out intensive cleaning of contaminated planes and jets as well as decontamination by means of "vaporizers". The „fogging technique“ ensures comprehensive disinfection of the entire aircraft cabin. The agent used also has a depot effect that lasts for up to ten days.



## Procedure and organization

Should you be interested in one of our services, please contact your Vienna Aircraft Handling contact person, who will send you an offer including a possible implementation period as soon as possible. Please notify us in advance of any suspected case or infection with COVID-19 as additional measures regarding protective equipment and chemicals must be taken.



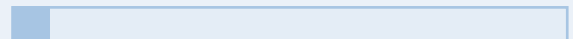
## Special decontamination procedures

Using airborne technology, our ULV fogging technology removes nearly 100% of all viruses, yeasts and harmful bacteria, especially from surfaces with high exposure. By using the ULV fogging technology, the disinfectant is atomized into small microparticles. This enables a more uniform distribution in the room, even in those areas and spaces that are difficult or impossible to reach by using conventional methods. Therefore, our solution is not only innovative but more importantly a future-proof answer to the coronavirus. All surfaces are wetted with a very fine film of disinfectant during the treatment, which has a depot effect. This reduces the risk of infection in the long term. During the fogging and the subsequent exposure time, the affected areas must not be entered. It is possible to enter the premises again approx. 50 minutes after completion of the procedure, depending on the quality of the subsequent room ventilation and the prevailing temperature. For example, for a room with 100 m<sup>2</sup> and 3 m room height, approx. 50 minutes for the ULV fogging following further 50 minutes of exposure time, are required. A thorough pre-cleaning is also necessary for this procedure.

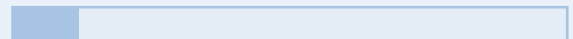
## How long can corona viruses remain on surfaces?

A cough can produce up to 3,000 droplets and spread 15 feet from the person when the mouth is not covered. This has the potential of contaminating most interior surfaces. The time periods listed below are a guide for the survival time of coronaviruses.

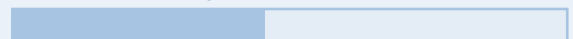
### Air (up to 3 hours)



### Copper (up to 4 hours)



### Cardboard (up to 24 hours)



### Plastic (2 to 3 days)



### Stainless steel (2 to 3 days)



source: DPA, AFP, Robert Koch-Institut, WHO, Bundeszentrale für Gesundheitliche Aufklärung, New England Journal of Medicine



**Prices for  
the respective  
service on request.**

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