



CERTIFICATIONS

- AMS 1453A approvals from SMI
- AMS 1452C approvals from SMI
- AMS 1550B approvals from SMI
- BOEING BSS7434 approvals from SMI
- BOEING D6 - 7127 Rev P approvals from SMI
- BIOCIDAL Test approvals from EgeMikal Lab

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AEROCK SOL 400 INT

Application Procedure

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DISINFECTION PROCEDURE FOR AIRCRAFT

Application Procedure for Boeing and Airbus Approved AEROCK 400 INT with Safe Space Fogging Machine

1) PREPARING AIRCRAFT FOR FOGGING PROCEDURE

- a) Ensure there is no other person in aircraft.
- b) Ensure that air conditioning and air recirculation systems are turned off.
- c) Ensure all aircraft doors are shut.
- d) All overhead bins/storage units, lavatory doors must be kept open, all food tray tables should be open before the fogging process begins.

2) MACHINE PREPARATION PROCEDURE

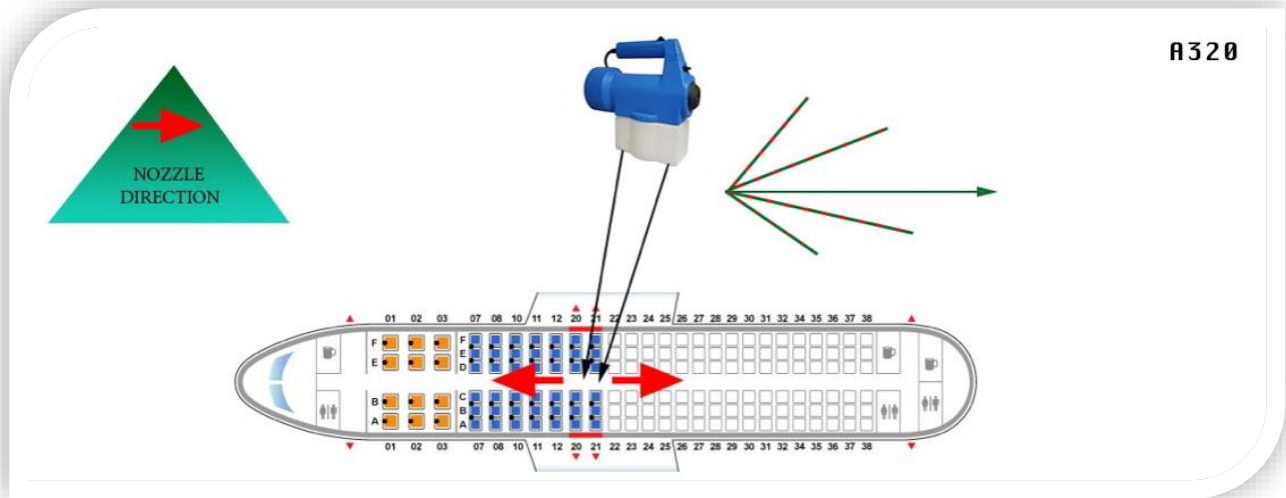
- a) For disinfection purpose dilution ration should be between 1:1 and 1:10 (fogging and electrostatic).
- b) Spraying position of the fogging machine will depend on type of aircraft, in accordance with paragraph 3.
- c) For approved cabin interior cleaning dilution can be up to 1:30 ratio (however with ccthis ratio the product will loose its disinfectant capabilty, threfor it will be classified as a general cabin cleaning product).

3) AIRCRAFT TYPE AND SAFE SPACE MACHINE POSITIONING DURING THE TREATMENT PROCESS

- a) Following diagrams are examples for positioning the fogging machines for optimizing fogging time and results.
- b) Galley locations and seating class configurations will determine the number and positioning of the fogging machine, number and the positioning of Safe Space machines will vary.

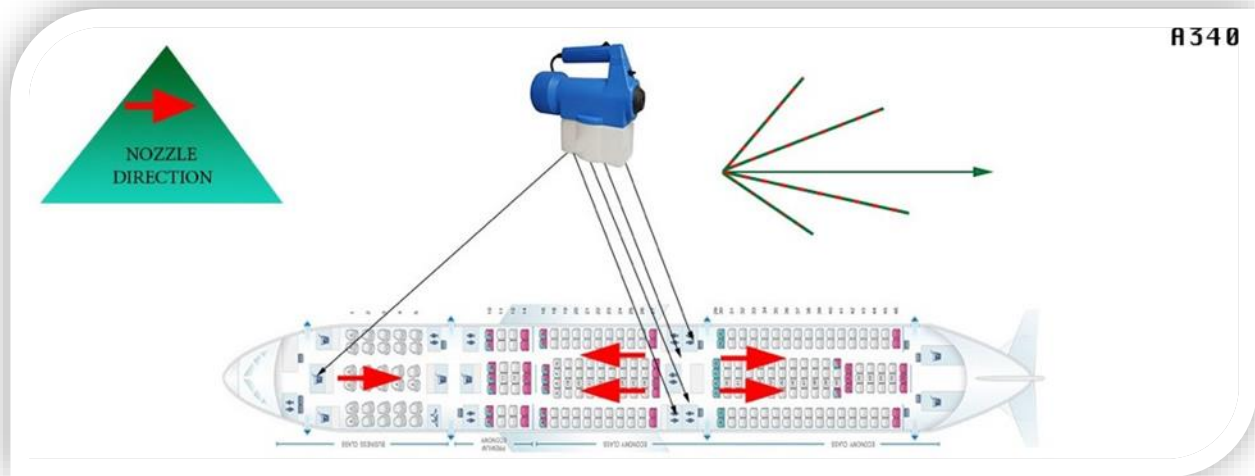
For Aircraft types B737 - A320, up to 300m³ with single class, single aisle

- Safe space fogging machine should be placed in the forward galley by directing nozzle to rear of cabin.



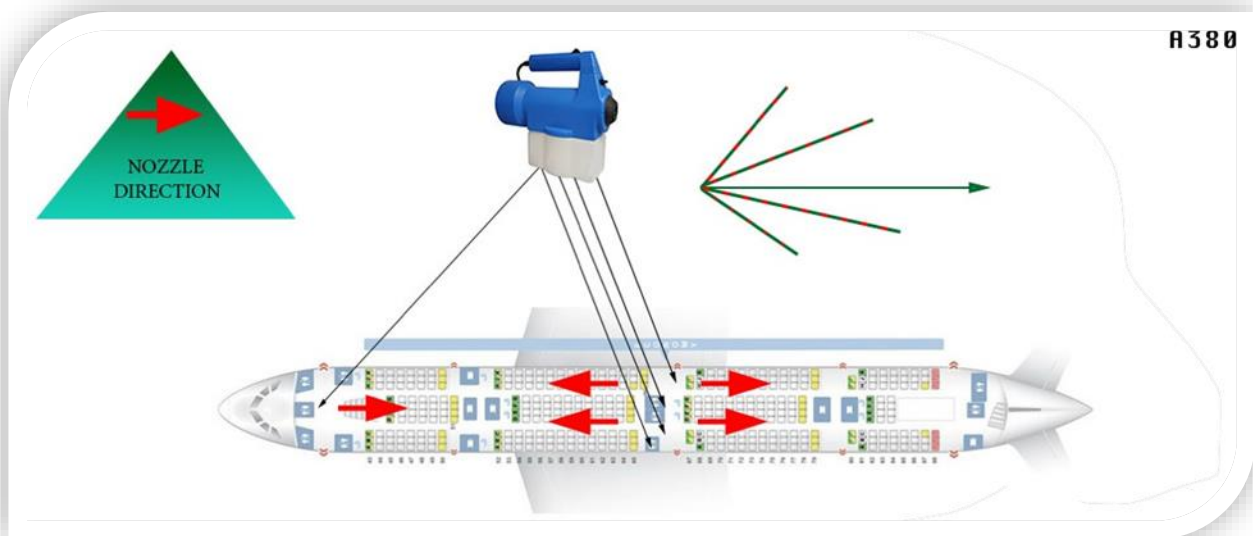
For Aircraft types B767 - A340, 300-600 m³ with two classes, two aisles.

- Requires two Safe Space fogging machines in central galley facing each aisle and direct nozzle towards rear of cabin.
- Place a third Safe Space machine in forward galley and point nozzle to rear of cabin.



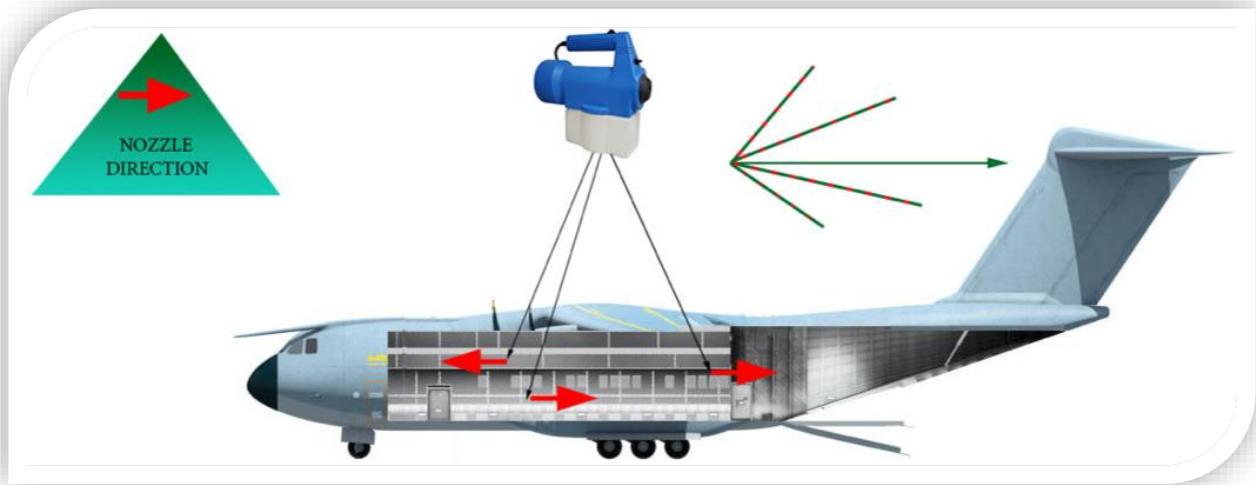
For Aircraft types B747 - A380, 600-1000 m³ with three classes, three aisles

- Requires total of five Safe Space machines as shown in diagram below and direct nozzle towards rear of cabin.
- For aircrafts with upper deck (B747) an additional Safe Space should be placed per aisle with nozzle towards rear of cabin.



For Military Aircrafts Type A400M

- Place 2 x Safe Space in the center of the cabin and direct one Safe Space nozzle towards rear of the cabin and the second towards front of the cabin.
- Place 3rd Safe Space machine in the rear of the cabin.



For Cargo Holds

- Place Safe Space fogging machine at door entry with nozzle towards bottom of hold.



APPLICATION CYCLES AND TREATMENT TIMES

- Fluid volume setting will determine application time length.
- Quantity of machines utilized is based on m³ volume to be treated.
- Start Machine
- Exit aircraft and shut doors.
- No person should be in cabin during application.
- Approximate application time for five machines is 15 minutes.
- **AFTER APPLICATION STOPS KEEP CABIN DOORS CLOSED FOR AT LEAST 30 MINUTES.**
- Enter aircraft, restart air recirculation systems.
- Do not wipe any surfaces.

PROTECTIVE EQUIPMENT USE

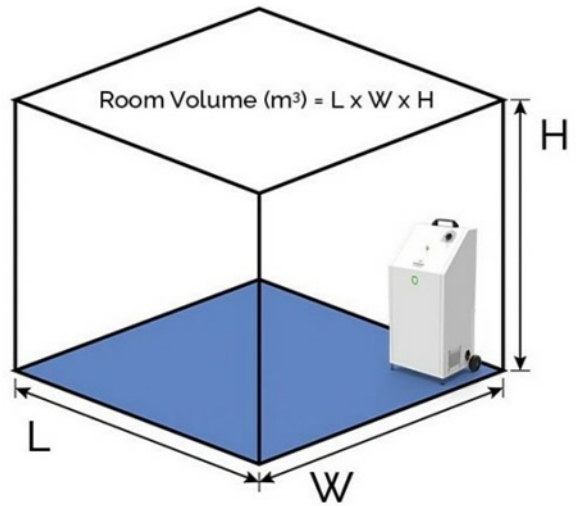
- Wear protective safety equipment, face mask, gloves, eye protection.
- For further information on protective equipment please refer to product safety sheet.

MAINTENANCE OF SAFE SPACE FOGGING MACHINE

- Always clean machine after each use
- Do not leave any solution in machine during storage.
- For further detailed information for instructions please refer to technical data sheet for Safe Space.



| ESTIMATED TREATMENT TIME PER AIRCRAFT | | | | |
|---|--------------------------------|----------------------|--------------------------|--------|
| DISINFECTION - AEROCK SOL 400 INT | | | | |
| DISINFECTION ENSURE TO RINSE THE MACHINE OUT AT THE END OF EACH DAY | | | | |
| AIRCRAFT | CABIN | | CARGO HOLD | TOTAL |
| | TOTAL VOLUME(m ³) | SafeSpace ULV Fogger | VOLUME(m ³) | VOLUME |
| A318 | 115 | 1 | 20 | 135 |
| A319 | 170 | 1 | 30 | 200 |
| A320 | 190 | 1 | 40 | 230 |
| A330-200 | 650 | 2 | 200 | 850 |
| A340-320 | 600 | 2 | 150 | 750 |
| A350-200 | 630 | 2 | 170 | 800 |
| A350 | 1000 | 3 | 180 | 1180 |
| C295M | 57 | 1 | | 57 |
| A400M | 320 | 1 | | 320 |
| B737-600 | 110 | 1 | 20 | 130 |
| B737-700 | 160 | 1 | 30 | 190 |
| B737-900 | 200 | 1 | 60 | 260 |
| B747 | 1000 | 3 | 200 | 1200 |
| B777-200 | 660 | 2 | 20 | 680 |
| B777-300 | 770 | 3 | 200 | 970 |
| B787-900 | 760 | 3 | 170 | 930 |
| MD11 | 600 | 3 | 200 | 800 |
| ATR.42-300 | 30 | 1 | | 30 |
| ATR.72-200 | 41 | 1 | | 41 |



| CONTACT TIME | |
|--------------|--------------------|
| TIME | ROOM VOLUME |
| 3 MINUTES | 25 m ³ |
| 6 MINUTES | 50 m ³ |
| 9 MINUTES | 75 m ³ |
| 12 MINUTES | 100 m ³ |
| 15 MINUTES | 125 m ³ |
| 18 MINUTES | 150 m ³ |
| 21 MINUTES | 175 m ³ |
| 24 MINUTES | 200 m ³ |
| 27 MINUTES | 225 m ³ |
| 30 MINUTES | 250 m ³ |
| 33 MINUTES | 275 m ³ |
| 36 MINUTES | 300 m ³ |