WHAT IS CLAIMED IS:

1. An aircraft sanitization system comprising:

a safety belt comprising a first portion affixed to a first fabric part of the safety belt and a second portion affixed to a second fabric part of the safety belt, wherein the first portion is configured to receive the second portion for fastening the safety belt;

a first stowage encasing configured to completely enclose the first portion, wherein the first stowage encasing comprises:

a first inner wall configured to surround an outer surface of the first portion;

a first set of Ultraviolet (UV) Light Emitting Diodes (LEDs) affixed to the first inner wall and configured to sanitize the outer surface of the first portion;

a tongue configured to cooperate with the first portion of the safety belt; and

a second set of UV LEDs attached on a surface of the tongue and configured to sanitize an inner surface of the first portion; and

a second stowage encasing configured to enclose the second portion, wherein the second stowage encasing comprises:

a second inner wall configured to surround the second portion; and

a third set of UV LEDs affixed to the second inner wall and configured to sanitize the second portion.

2. The aircraft sanitization system of claim 1, wherein:

the first stowage encasing further comprises a first slit configured to receive the first fabric part, and wherein the first slit comprises:

a first pair of rollers cooperating with the first fabric part, wherein the first pair of rollers enable the first stowage encasing to slide over the first fabric part to

enclose the first portion, and wherein the first fabric part passes through the first stowage encasing via the first slit; and

the second stowage encasing further comprises a second slit configured to receive the second fabric part, and wherein the second slit comprises:

a second pair of rollers cooperating with the second fabric part, wherein the second pair of rollers enable the second stowage encasing to slide over the second fabric part to enclose the second portion, and wherein the second fabric part passes through the second stowage encasing via the second slit.

3. The aircraft sanitization system of claim 2, wherein:

the first stowage encasing further comprises a first motorized mechanism coupled to the first pair of rollers, and wherein the first motorized mechanism is configured to activate the first pair of rollers to slide the first stowage encasing over the first fabric part; and

the second stowage encasing further comprises a second motorized mechanism coupled to the second pair of rollers, and wherein the second motorized mechanism is configured to activate the second pair of rollers to slide the second stowage encasing over the second fabric part.

4. The aircraft sanitization system of claim 3, further comprising:

a first set of sensors within the first stowage encasing, wherein the first set of sensors is configured to determine complete enclosure of the first portion by the first stowage encasing;

a second set of sensors within the second stowage encasing, wherein the second set of sensors is configured to determine complete enclosure of the second portion by the second stowage encasing; and

a controller communicatively coupled to each of the first set of UV LEDs, the second set of UV LEDs, the third set of UV LEDs, the first set of sensors, the second set of sensors, the first motorized mechanism, and the second motorized mechanism, wherein the controller is configured to:

instruct the first motorized mechanism to slide over the first fabric part to enclose the first stowage encasing, in response to a sanitization activation signal;

instruct the second motorized mechanism to slide over the second fabric part to enclose the second stowage encasing, in response to the sanitization activation signal;

activate each of the first set of UV LEDs and the second set of UV LEDs in response to the first set of sensors establishing complete enclosure of the first portion by the first stowage encasing; and

activate the third set of UV LEDs in response to the second set of sensors establishing complete enclosure of the second portion by the second stowage encasing.

5. The method of claim 4, wherein the controller is further configured to:

instruct the first motorized mechanism to slide over the first fabric part to reveal the first stowage encasing after expiry of a predefined time period; and

instruct the second motorized mechanism to slide over the second fabric part to reveal the second stowage encasing after expiry of the predefined time period.

6. The method of claim 4, wherein the controller is further configured to:

deactivate each of the first set of UV LEDs and the second set of UV LEDs in response to the first set of sensors establishing partial enclosure of the first portion by the first stowage encasing; and

deactivate the third set of UV LEDs in response to the second set of sensors establishing partial enclosure of the second portion by the second stowage encasing.