

TECHNICAL DATA

Product:

Interior Kit Zodiac 601 / 650 Manufactured by Lemke Autosattlerei & Moebelpolsterei, Karlstadt, Germany

Product Description:

Interior Kit for Zodiac 601 / 650 XL Series Aircraft. Kit includes 2 Seats (Pilot / Copilot), two upholstered side panels, and an upholstered center console cover with boot for center control stick. The pilot and copilot seats are built using a multiple core sandwich assembly adhered together in a jig in order to conform to the cabin interior's contour. Foam used is of three different densities to provide support and comfort for the occupants. The side panels are inserted into the cabin area underneath the upper longeron cover and are held in place securely from the seat assembly. The Main Spar uprights are covered and fastened forward of the spar with Velcro. The center console cover is upholstered for comfort and is secured to the center console on the sides, back, and front using Velcro. The center stick boot has a zipper assembly installed on the forward side for installation and inspection purposes. The boot is held securely to the control stick with the use of a tie strap.

Available Options:

Options for the kit include:

Head Rest Assemblies for Pilot and Copilot

Ultra-Leather – 2 Tone

Ultra-Leather / MicroFabric Mix

Ultra – Leather – 2 Tone with FAR 25.853 b(4) App F Part 1 (a)(1)(ii)

Ultra – Leather / MicroFabric Mix. Both with above applicable Burn Certs.

Leather – 2 Tone with applicable Burn Certs

Leather / MicroFabric Mix. Both with above applicable Burn Certs.

Seat Assemblies:

Foam Build up:

Support Layer – VB100 Composite High Density Foam

2nd Support Layer – 50/75 Volumetric weight Foam- Hard Upholstery Foam

Comfort Layer – 50/50 Volumetric Weight Foam- Seat Foam

Covering:

Ultra-Leather.

Thickness 1.0mm (+/- 0.1mm), Flame retardant IAW DIN75200 and ISO 3795 applicable to automobile industry. Free of Cd/AZO/FCKW/PCP/ PCB/PCT/formaldehyde and health hazards as prescribed by law. UV Resistant. Light

Fastness >6. Perspiration resistant, urine resistant, saliva resistant, waterproof, salt-water resistant, tear resistant, non-irritant. Non-Certified Aircraft Only.

Ultra – Leather with Burn Certification

Vinyl Leather Imitate – Type K310000. Weight 650 +/- 75 g/m². Thickness 1.10 +/- 0.16mm. Polyester. Flame Retardant IAW FAR 25.853 b(4) App. F Part 1 (a)(1)(ii)

Leather

Nappa – Leather Type L1090. Thickness 1.0mm (+/- 0.2mm) Tensile Strength >800 N/cm². Rubbing Test 50,000. Light Fastness >6. Burn certification IAW FAR 25.853.

MicroFabric:

Type M2010. Weight 265 +/- 5%. Thickness 0.85 +/- 0.05mm. Abrasion Resistance 116,000 Martindale. Color Fastness >6. Composition PES 92%, PU 8%. Burn Certification IAW FAR 25.853

Backing:

Head Rest Assy:

Head rest assembly installed using a reinforced aluminum plate (6061-T6) that runs the length of the back to provide support for the head rest assembly and to stabilize the seat when installed in the aircraft. Headrest is covered in Ultra-Leather and is adjustable vertically.

Side Panels:

Covering:

Ultra-Leather / Leather

Upholstery:

10mm 35/55 Volumetric Weight Foam covered with a polyester batting.

Panel:

Film Laminated Flame Retardant Board IAW DIN75200 and ISO 3795 applicable to the automobile industry.

Center Console Cover:

Covering:

Ultra-Leather / Leather

Upholstery:

20mm 100VB Composite High Density Foam

Safety Information:

The seat assemblies are designed and constructed to provide adequate comfort, support, and durability for daily use inside the aircraft. The headrest assemblies are also installed for aesthetic and comfort purposes. Neither the seat assembly nor the headrests are intended to, or have been tested to, provide a margin of safety in the event of an accident. The manufacturer does not state or imply that its products are intended for anything other than comfort purposes. The construction and materials used are widely applicable to the automobile and furniture industry. Local regulations regarding aircraft interior safety and

flammability may vary according to the location of the end user, and it is the end user's responsibility to ensure that any regulations covering the installation of interior components are adhered to. These seat assemblies are constructed with the intent they are installed in non-certified aircraft. Depending on customer requirements, components of these seats may not meet local regulations for burn certification.

Other components also sold with this kit, i.e. the side upholstery panels and center stick cover are for aesthetic purposes only and are not rated to provide any type of safety for the occupants in the event of an accident.

In the event that the seats and other interior components are covered with a material conforming to Aviation Burn Certification requirements (i.e. FAR 25.853 App. F), the end user will be provided with all applicable burn certifications for the seating. The use of materials conforming to Aviation Burn Certification requirements does not necessarily or automatically declare the seat assemblies fulfill any other safety requirements that may be stipulated by local regulations.

It is the responsibility of the end user to inspect the installation of all interior components prior to flight to ensure that no noticeable damage has occurred that could impair the pilot directly or indirectly, and to ensure that no portion of the interior kit has or can become logged in, or can obstruct, a flight control component.

Warranty:

The Interior Kit, as supplied by Lemke Autosattlerei, is warranted in respect to material and workmanship for the period of 2 years upon receipt of delivery confirmation. It is the end users responsibility to ensure that the fixtures holding the interior components in the aircraft (aircraft metal structure / fiberglass/composite structure) are free of nicks, burrs, or any other protrusion that may damage the interior components. It is the end users responsibility to use due caution when installing and removing the kit components to ensure that no damage occurs. It is the end users responsibility to ensure that any other materials used in conjunction with the installation of this kit are suitable, and that they are installed in a manner which could not cause damage to the components. Light colored materials could be affected through rubbing by certain materials such as blue-jeans. This failure is a result of the rubbing material and is not covered by the warranty. Leather materials are a natural material that may have small cosmetic blemishes that are the result of scarring, insect bites, neck wrinkles, and grain variations. This is acceptable and is not a cause for a claim on the warranty. Any alteration to the seating including disassembly of the seating, sewing, cutting, gluing, or any other alteration voids all warranties. Work performed by third parties without expressed consent of Lemke Autosattlerei voids all warranties.