

SERVICE LETTER No. L113

1. **DATE:** 29.08.2014
2. **APPLICABLE TO:** Z 242L s.n. 0801
3. **REASON:** Exceeding of maximum allowable number or size of the cracks on left or right sliding canopy windshield and necessary replacement .
Maximum allowable number of the cracks and their allowable size is given in the instructions for Z 242L aircraft maintenance, part II, point 3.1.1.(2).
4. **ACTION:** Replace the broken sliding canopy windshield
5. **TIME OF ACTION:** According to the decision of the operator / owner
6. **PERFORMED BY:** Operator / Owner
7. **COSTS COVERED BY:** Operator / Owner

8. NECESSARY MATERIAL:

L242SKLOUPRAVAP	RIGHT CANOPY GRAY – SEMI	1 pcs
309579813916	SCREW ST 3,9x16	40 pcs
562811006007	SEAL PE 6x7	2 pcs
902704100004	NUT M4	26 pcs
273625001017	TAPE VITOMOUNT 17mmx103mm	1 pcs
662212004000	THREADS 105x4 FLAX	0,01 kg
PODLPOSUVNKRYTU	SPACING WASHER	1 pcs
247876406030	SILICONE SEAL	1 pcs
247876406028	SILICONE SEAL	1 pcs

9. PROCEDURES:

Groundwork:

-Carefully remove the canopy windshield from transport cover and clean protective coat. Be careful not to scratch the canopy windshield. Use a soft piece of cloth and clean water with soap.

Remark:

-The minimum number of workers performing the replacement is two

Disassembly and assembly work:

-With the help of the second worker disassemble the right windshield directly on the airplane. Be careful to avoid damage of aircraft paint.

-Store disassembled fasteners, part of it will be used for the installation of new windshield.

-With the help of the second worker perform the cab glazing, set the appropriate half of windshield to the canopy frame.

Replacement procedure:

-Follow the procedure according to the drawing No. L242.1800. Numbers in the parentheses corresponds to the numbers of drawing.

-For the determination of the clearance and reconciliation to the body of the aircraft use supplied washers. Combine the washers to achieve required total reconciliation of windshield with cab frame.

-To fill and seal space between screws, respectively washers, use standard double-sided adhesive mounting tape and black silicon sealant LOCTITE RTV 593.

-Progressively connect (drill together) windshield with the frame of the cab. In the central part of the joint lenses establish lower bands (note 22) upper bands (note 21). In the front side fit with cover plate P (note 28) and then connect.

-After connection remove the cover plate, drill the holes in the lances (use blunt drill bit or a special cutter to plexiglass) for larger diameters (Ø 6mm) see drawing – fit it and prepare for build.

-Progressively set up with fitted parts (note 36, 21, 22, 28) and screw it to frame – fasteners (see drawing).

- Mount the handle according to section B-B (note 8), the second handle mount according to section E-E, including housings (note 18) and washers (note 26) and lock it.

-Install appropriate ventilation window.

-Carefully clean the places on the glass for the placards and stick them.

Finishing works:

-After replacement try free canopy moving including closing

-Check all connections

-Check properly stuck placards on the windshield.

Remark:

In case of total disassembly of sliding canopy (the procedure is given in the instructions for the maintenance of the Z 242L aircraft, Vol. I, Sect. 6.2.1) is necessary when assembling (see procedure for maintenance of Z 242L aircraft, Vol. I, Sect. 6.2.2) provide emergency canopy release seal (according to Drwg. No. Z142.1850).

10. SUPPLEMENTS:

Drawing No. L242.1800 KRYT KABINY POSUVNÝ

Drawing No. L242.1800 NOUZOVÝ ODHOZ KRYTU KABINY



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