

## Qualities of the “Mini-Cargo liner”

The originality of the “Mini-Cargo liner” design makes it possible to elucidate the remarkable and single points in this FAR-23 aircraft category : mass to full load less than 12537lbs/5700kg.

- Simplicity of assembly and disassembling of the wings, the landing gear, the engines block and propellers, which is due to materials used.

**- Simple access to all the instrumentation of edge.**

- Simplicity and robustness of the orders. (Rods and bearings).

- Accessibility inside the fuselage without equal.

**- Impossible defect of centering.**

- Use of piston diesel engines using kerosene.

- Short landings and takeoffs particularly thanks to a very weak wing load due to the shape of the wing used.

**- Immobilization for maintenance not exceeding 48 hours, facility of interchangeability of the elements.**

- Sending home by the airs in the event of long distances by towing like the sailplanes. (Low empty weight of freight and fuel).
  
- Sufficient qualification single-engine of aircraft in spite of both engines. (Each engine actuates the two propellers, takeoff with two engines and cruising with one engine).
  
- **Reduction of the training cost of the pilots.**
  
- The direct cost of the hour of Caravan is 55% times superior than the Mini-Cargo.
  
- **For 600 hours of flight per annum; the time cost without depreciation of the material, for Caravan is 23% times superior than the Mini-Cargo.**
  
- Dimensions of the fuselage of Mini-Cargo allow the carrying of two LD3.

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