



# SILA 750 AMBULANCE

## The light aircraft for heavy duties

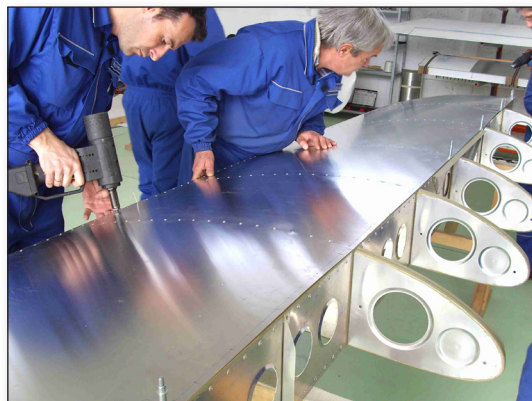


**The model SILA 750MT** is recommended in the short-range where traditionally were used the helicopters with elevated purchasing costs and also with very important operational costs. All that must be considered in view of an operativity of the SILA in the order of 100m. The SILA MT in fact has decide STOL performances being capable of operating on non prepared surfaces landing and taking off in a very reduced space. A strip of motorway, simple surfaces, a straight portion of road in emergency situations can easily become an improvised runway to land and take off! Sometimes is required a simple transfer from one medical centre to another and SILA 750 MT is the aircraft that can realize this at the same costs but faster than a traditional road transport by ambulance.



## Technical specifications:

• Wing span	10.00m
• Wing Chord	1,42m
• Wing Area	14.2m <sup>2</sup>
• Length	6,6m
• Cabin Height	1,26m
• Cabin Width	1,22m
• Cabin Length Firewall - Back =	2.40m
• Cabin Length Instr.Pan. - Back =	2.00m
• Landing Gear	Tricycle
• Main Landing Gear Width	2.0m
• Seats	2 side by side
• Engine	Rotax912 ULS //914 UL T
• Engine	Lycoming O320 - 160Hp
• Propeller	Woodcomp 3 Bl. VPP (CS)
• Fuel Tanks	2 X45L+ 1 x 10L
• Fuel	Unleaded Automotive // 100 LL
• Empty Weight	370Kg
• MTOW	750Kg



## Performances:

• Vne	127KTS
• Max Speed	110KTS
• Cruising Speed 75%	100KTS
• Vso	30KTS
• Vs	38KTS
• Va	65KTS
• Vc	75-120KTS
• Vno	38-75KTS
• Cross Wind Component	18KTS
• Tail Wind Component	8KTS
• Rate of Climb	1.200ft/min
• Range 75%	428NM
• Endurance 75%	4h:20
• Service Ceiling	16000ft
• Lift to Drag Ratio	11
• T Off run	45m
• T Off Distance (obs. 15mt)	97m
• Landing run	50m