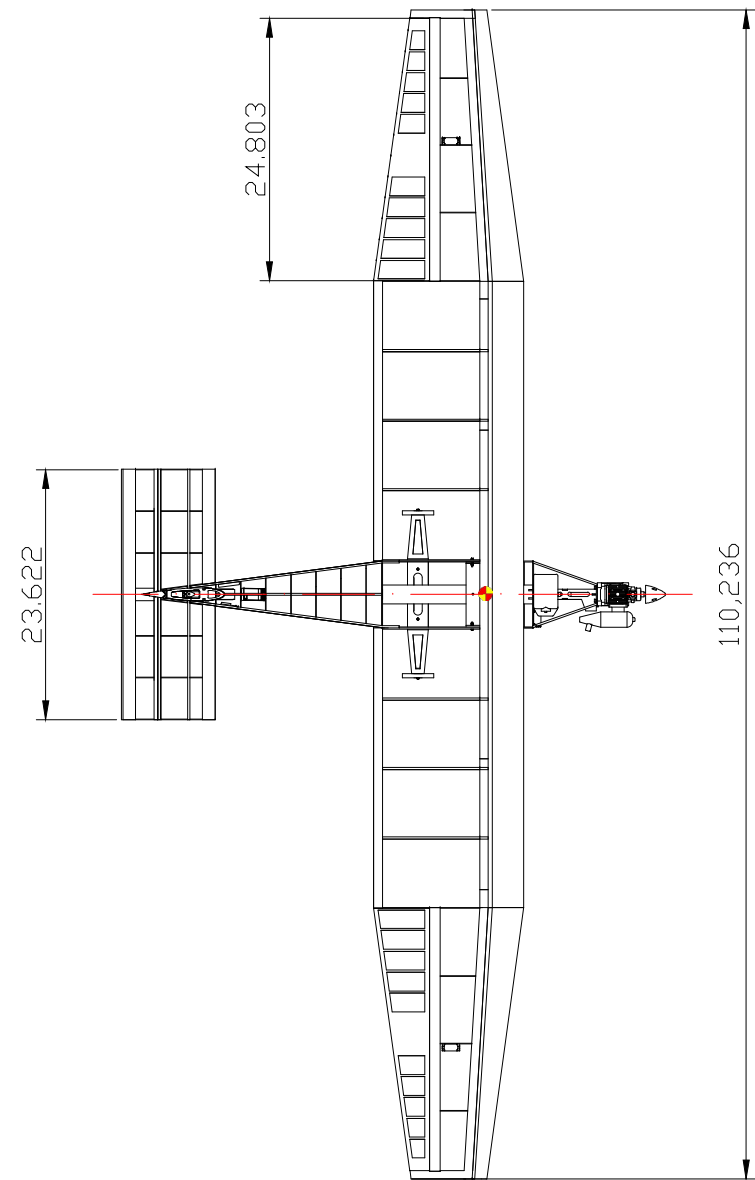
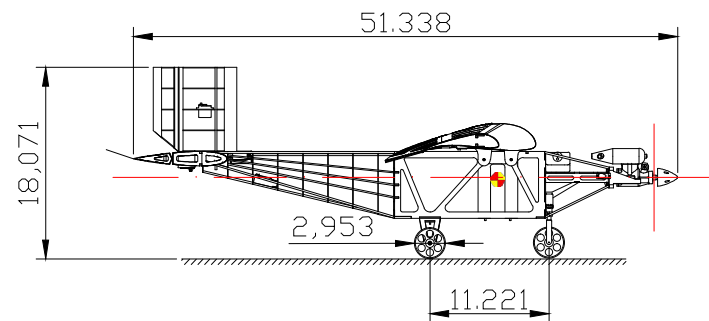


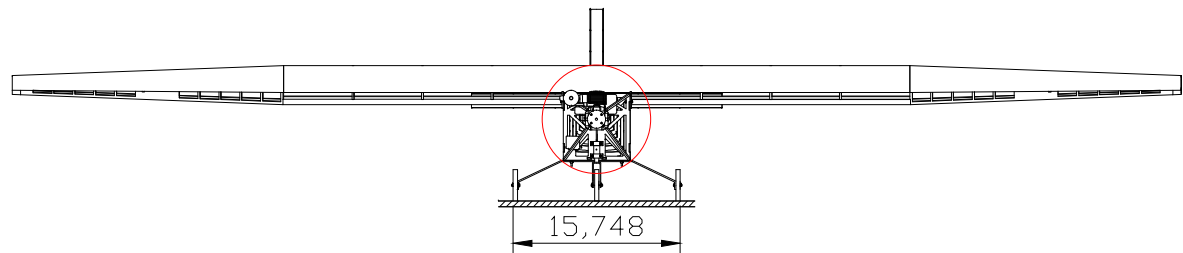


Top View

C.G Location



Right Side View



Front View

The Flying Spear		
Main Dimensions (in)		
L	Length	51,338
H	Height	18,071
B1	Wingspan	110,236
B2	Elevator span	23,622
Total		203.267
General Characteristics		
Wing		
Wing Area (in²)		1302,003
Aspect Ratio		10,5
Profile		Uirá1540
Horizontal Emp.(EH)		
Area (in²)		204,600
Aspect Ratio		3,3
Profile		NACA-0016
Volume Coef.		0,25
Vertical Emp. (EV)		
Area (in²)		62,001
Aspect Ratio		1,6
Profile		NACA-0016
Volume Coef.		0,035
Empty Weight		3,000 kg

THE FLYING SPEAR TEAM - 039			
Florida State University FAMU-FSU College of Engineering			
SAE Aero Design® East - 2012			
Autors:	Design:	The Flying Spear Team	
Three Views		Sheet Plant nº:	1/2
		Scale:	1:18
Date:	03/07/2012	Unity:	in