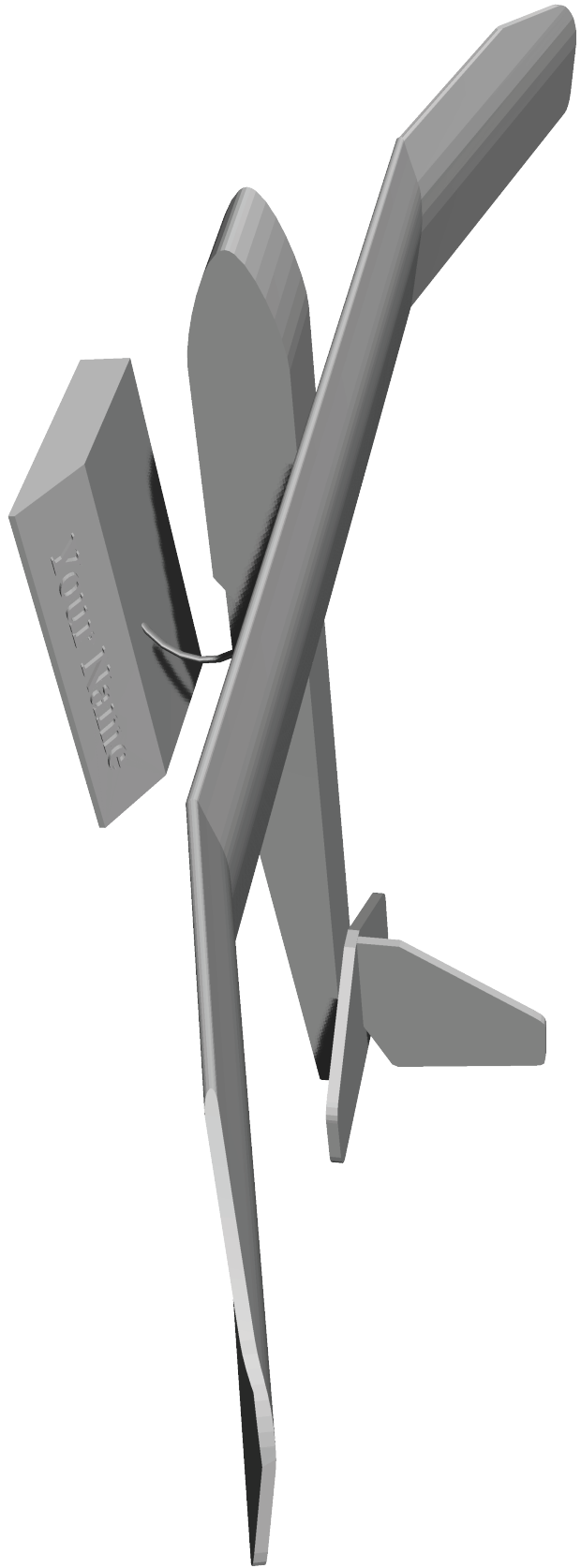


Project: Simple Glider (with decorative stand) - 3D CAD Rendition
Designer: Mr. Campbell

Client:
Date:

Approximate Scale:
1:100



Simple Glider CAD Rendition 简易滑翔机 CAD 渲染

Introduction 说明

Please indicate all of the group members that have been working together to build your simple glider.
请写出制作简易滑翔机的所有小组成员。

_____ **Member A 成员 A** _____ **Member B 成员 B** _____ **Member C 成员 C**

Please indicate which group member has completed this “**CAD rendering**” of your group’s simple glider.
请写出哪个成员完成本小组简单滑翔机的“计算机辅助设计渲染”。

CAD rendering completed by 计算机辅助设计渲染完成人: _____

Was the drawing completed by the group member that originally took responsibility for the drawing of the “**CAD rendering**” in your “**learning contract**”?
图纸是否由最初负责绘制学习合同中“计算机辅助设计渲染”的小组成员完成？

- YES** - The “**CAD rendering**” was completed by the group member indicated in the “**learning contract**”.
是 - “计算机辅助设计渲染” 由学习合同中指定的小组成员完成。
- NO** - The “**CAD rendering**” was not completed by the group member indicated in the “**learning contract**”.
否 - 学习合同中指定的小组成员未完成“计算机辅助设计渲染”。

If you selected “**NO**” please indicated why your group decided to have someone else complete the “**CAD rendering**”.
如果选择“否”，请说明为什么你的小组决定让其他人完成“计算机辅助设计渲染”。

Instructions 说明

A **CAD (Computer Aided Design) rendering** of your final glider is a required part of your project and may be completed by any group member. Please note that your original design schematics were provided at a scale of 1:20; however, it is recommended that you use a scale of 1:100 when creating your **“CAD rendering”**.

最终滑翔机的 CAD（计算机辅助设计）渲染是项目的必需部分，可由小组的任意成员来完成。请注意，原始设计示意图的比例为 1:20；但是，建议在创建“CAD 渲染”时使用 1:100 的比例。

Please make sure that you are referring back to your model glider frequently while you are completing your **“CAD rendering”**. You should be taking measurements from your glider often while you are completing the **“CAD rendering”** of your glider. However, you need to remember the reduced scale of your **“CAD rendering”**. For example, if you are working at a scale of 1:100m then every 5cm on your glider model will be equal to 10mm when working in **TinkerCAD**.

在绘制 CAD 渲染时务必参考你的滑翔机模型，同时，需要记住图形的缩小比例。例如，如果是 1:100 的比例，那么模型上的 5 厘米相当于 **TinkerCAD** 上的 10 毫米。

Please copy the **“class code”** and your **“user name”** for **TinkerCAD** so you can access your student account throughout the entire duration of the project. Remember to name your files and download copies of your work after completing each section of your glider in **TinkerCAD**.

记下 **TinkerCAD** 所需要的班级码和用户名以便后期参考使用，务必在使用 **TinkerCAD** 的时候给每个文件命名并在完成每一项后记得下载。

URL: www.tinkercad.com/joinclass

Class Code: _____

User Name: _____

Examples of all of the requirements for this submission have been provided on the next page.

下一页是本次任务要求的示例。

Submission Details 提交详细信息

Create a folder with the names of each of your group members and place all of your files in this folder. Create each section of the glider as separate CAD files. Then combine each section of the glider to create your final CAD rendering. You can even make a stand for your glider model which is a great addition to any CAD file that gets printed using a 3D printer. You will submit the entire folder to your teacher when you are done.

创建一个文件夹，需以每个小组成员命名，并将所有文件放在此文件夹中。将滑翔机的每个部分创建为单独的 CAD 文件，然后合并成最终 CAD 渲染，你还可以为你的滑翔机模型做一个支架，是 3D 打印机打印的 CAD 文件的一个很好的补充项。完成后，将整个文件夹提交给老师。

	Mandatory 必做 Create a CAD file of the main body (fuselage) of the glider. 创建滑翔机主体（机身）的 CAD 文件。 Name your file 命名文件: “yourname”_body.stl
	Mandatory 必做 Create a CAD file of the nose section of the glider. 创建滑翔机头的 CAD 文件。 Name your file 命名文件: “yourname”_nose.stl
	Mandatory 必做 Create a CAD file of the tail section of the glider. 创建滑翔机尾部的 CAD 文件。 Name your file 命名文件: “yourname”_tail.stl
	Mandatory 必做 Create a CAD file of the glider’s wing. 创建滑翔机机翼的 CAD 文件。 Name your file 命名文件: “yourname”_wing.stl
	Mandatory 必做 Assemble all of your glider segments as a single CAD file. 将所有滑翔机段组装为一个 CAD 文件。 Name your file 命名文件: “yourname”_glider.stl
	Bonus 选做 Create a stand for your glider with your name(s) on it. 创建一个以你命名的支架。 Name your file 命名文件: “yourname”_bonus.stl