

# Plane Multi-view Grading Rubric

## Assignment:

Students are to use AutoCAD to create a multi-view drawing of the Plane in order to finalize their design. All three primary views (top, side, and front) must be fully dimensioned and represented accurate to the physical prototype that will be constructed. Students will also need to create secondary views including a section view of the wing showing the airfoil shape and an isometric view of the entire plane. As always construction lines showing projected geometry and proper placement in the title block and border is required.

## Requirements/Restrictions:

- Multi-views
- Isometric
- Section View
- Dimensions
- Construction lines
- Accurate to the plane constructed
- All work is original



## Grading:

<b>Expectations</b>	<b>Points Possible</b>	<b>Points Earned</b>
<b>1. Top View</b>	10	
<b>2. Front View</b>	10	
<b>3. Side View</b>	10	
<b>4. Isometric</b>	20	
<b>5. Section View + Cutting Plane</b>	10	
<b>6. Dimensions</b>	10	
<b>7. Construction Lines</b>	5	
<b>8. Format in Title Block and Border</b>	5	
<b><u>Total:</u></b>	<b>80</b>	