**RC Makers Spec Sheet**

from Robert College

**Hometown:**
Istanbul / Turkey

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**Overview of Salutis 1.2**

- 11,040 km [6,860 miles] to the Championship Destination

**Special Features**

- Two robotic arms to support the grasp system
- AI system that uses OpenCV
- Salutis 1.2 can move to roll, pitch and yaw axes
- Rotating camera
- Custom chassis and robotic arm designs
- Modular and customizable gripper

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**RC Makers Spec Sheet**

**ROV Specs**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Salutis 1.2</th>
</tr>
</thead>
<tbody>
<tr>
<td>ROV Name</td>
<td>Salutis 1.2</td>
</tr>
<tr>
<td>Weight</td>
<td>7565 g</td>
</tr>
<tr>
<td>Length (w/o Arms)</td>
<td>42.00 cm [16.5 inch]</td>
</tr>
<tr>
<td>Width</td>
<td>42.29 cm [16.6 inch]</td>
</tr>
<tr>
<td>Height</td>
<td>25.60 cm [10.1 inch]</td>
</tr>
<tr>
<td>Total Cost</td>
<td>3,681 $</td>
</tr>
<tr>
<td>Total Hours Spent</td>
<td>about 700 hours</td>
</tr>
</tbody>
</table>

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**Safety Features**

- Electronics in waterproof acrylic tube
- All materials are tested before launch
- Safety signs all around Salutis 1.2
- Propeller guards on every propeller
- No sharp edges on Salutis 1.2
- Emergency stop button on electrical distribution control panel
- A 35 amperes in-line fuse placed in electronics system

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**Company Members:**

- **Ufuk ÇETİNER**
  - 10th Grade
  - CEO
  - New

- **Efe ÖZBAL**
  - 10th Grade
  - Head of Design
  - New

- **Çağan METERİS**
  - 11th Grade
  - Designer
  - Returning

- **Emre SARIKAYA**
  - 9th Grade
  - Designer
  - New

- **Doruk ULUĞ**
  - 9th Grade
  - Designer
  - New

- **Sarya B. KILIÇ**
  - 10th Grade
  - Designer
  - New

- **Pamir ORAL**
  - 10th Grade
  - Mechanics Engineer
  - New

- **Can DURU**
  - 10th Grade
  - Electronics Engineer
  - New

- **Alya KURT**
  - 9th Grade
  - Electronics Engineer
  - New

- **Batuhan KURTÇU**
  - 10th Grade
  - Head of Programming
  - New

- **Salihi E. DEMİRKOL**
  - 10th Grade
  - Head of Public Relations
  - New

- **Muhammed R. Ertuğrul**
  - Advisor
  - Advisor
  - Returning

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It is the 2nd year of RC Makers competing in the Ranger class.