

# TASK DATA SHEET

<b>Day:</b> 05/29/2021	<b>Briefing Time:</b> 5:30 a.m.	<b>Flight #</b> 1	<b>Task #'s:</b> 1,2,3,4,5,6,
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## FLIGHT DATA

<b>Date</b>	05/29/2021	<b>Solo Flight</b>	Not Required	<b>Next Briefing</b>	05/30/2021
<b>Sunrise</b>	5:54 a.m.	<b>Min Dist ILP to targets/goals</b>	1000 Meters	<b>PZ's in Force</b>	All
<b>Launch Period</b>	06:00 a.m.	<b>Launch Area</b>	ILP (Pilot Choice)	<b>Logger Return</b>	Per Briefing

## TASK DATA

<b>Task #1</b>	<b>Pilot Declared Goal</b>		
PDG 15.1	<ul style="list-style-type: none"> <li>a) Method of declaration</li> <li>b) Number of goals permitted</li> <li>c) Goals available for declaration</li> <li>d) min &amp; max distance of goal from ILP</li> <li>e) min distance of goal from any other goal/target</li> </ul>	<ul style="list-style-type: none"> <li>a. See provided instructions</li> <li>b. 1</li> <li>c. per section II.12</li> <li>d. 1,000 meters</li> <li>e. 1,000 meters</li> </ul>	<b>Task Order:</b> Any Order <b>Marker Color:</b> N/A <b>Marker Drop:</b> track point <b>Scoring Period:</b> 6:15-8:30 a.m. <b>Scoring Area:</b> Entire Contest Area <b>MMA:</b> N/A
<b>Task #2</b>	<b>Judge Declared Goal</b>		
JDG 15.2	<ul style="list-style-type: none"> <li>a) Position of set goals/target Enchanted Hills Elementary</li> </ul>	<ul style="list-style-type: none"> <li>a. 5252/0504</li> </ul> <p style="margin-left: 20px;">Full UTM: 13S 352523 / 3905035</p>	<b>Task Order:</b> Any Order <b>Marker Color:</b> Any but blue <b>Marker Drop:</b> Gravity or track point <b>Scoring Period:</b> 6:15-8:30 a.m. <b>Scoring Area:</b> Entire Contest Area <b>MMA:</b> Within 100 meters or confines of field, whichever is less
<b>Task #3</b>	<b>Gordon Bennett Memorial</b>		
MDT 15.8	<ul style="list-style-type: none"> <li>a) Position of set goals/target</li> <li>b) Description of scoring area</li> </ul>	<ul style="list-style-type: none"> <li>a. 5079/0355 (Vista Hills X-50030)</li> </ul> <p style="margin-left: 20px;">Full UTM: 13 S 350787 / 3903552</p> <ul style="list-style-type: none"> <li>b. See provided sketch (triangle)</li> </ul>	<b>Task Order:</b> Any Order <b>Marker Color:</b> Any but blue <b>Marker Drop:</b> FMD <b>Scoring Period:</b> 6:15-8:30 a.m. <b>Scoring Area:</b> Limited Area MMA <b>MMA:</b> See diagram (within triangles)
<b>Task #4</b>	<b>Gordon Bennet Memorial</b>		
GBM 15.8	<ul style="list-style-type: none"> <li>a) Position of set goals/target</li> <li>b) Description of scoring area</li> </ul>	<ul style="list-style-type: none"> <li>a. 4946 / 0274</li> </ul> <p style="margin-left: 20px;">Full UTM: 13S 349461 / 3902741</p> <ul style="list-style-type: none"> <li>b. See provided sketch (paved road)</li> </ul>	<b>Task Order:</b> Any Order <b>Marker Color:</b> Any but blue <b>Marker Drop:</b> FMD <b>Scoring Period:</b> 6:15-8:30 a.m. <b>Scoring Area:</b> Limited Area MMA <b>MMA:</b> See diagram (paved road)
<b>Task #5</b>	<b>Hesitation Waltz</b>		
HWZ 15.3	<ul style="list-style-type: none"> <li>a) Position of various set goals/targets</li> </ul>	<ul style="list-style-type: none"> <li>a. 4535/0057 4652/0618 (Quad A X-2)</li> </ul> <p style="margin-left: 20px;">Full UTM: 13S 345351 / 3900567 13S 346521 / 3906175</p>	<b>Task Order:</b> Any Order <b>Marker Color:</b> Any <b>Marker Drop:</b> FMD <b>Scoring Period:</b> 6:15-8:30 a.m. <b>Scoring Area:</b> Limited to MMA <b>MMA:</b> Within 100 meters or confines of the field, whichever is less.
<b>Task #6</b>	<b>Double Down Task - Pilot declared XDI(s)</b>		
Double Down N/A	<ul style="list-style-type: none"> <li>a) Description of Scoring Areas</li> <li>b) Reference Point(s)</li> <li>c) Number of Goals Permitted</li> <li>d) Goals available for declaration</li> <li>e) Method of declaration</li> </ul>	<ul style="list-style-type: none"> <li>a. See provided sketch (Triangles at Task 2 &amp; 5)</li> <li>b. Center of X Task 2 &amp; Task 5</li> <li>c. 1 or 2</li> <li>d. Scoring areas (triangles per sketch) Coordinates of task 2 &amp; 5</li> <li>e. See provided instructions</li> </ul>	<b>Task Order:</b> Any Order <b>Marker Color:</b> BLUE & BLUE <b>Marker Drop:</b> FMD <b>Scoring Period:</b> 6:15-8:30 a.m. <b>Scoring Area:</b> MMA only <b>MMA:</b> See diagram (within triangle)

## Task 1 PDG

### Information to include in declaration:

- **Pilot Number – Pilot Name;** AND
- **Task # being declared;** AND
- **8 digit (4x4 Grid) UTM coordinates (Northing/Easting)**

Example:

Pilot #9 – Chris Cliver  
Task 1  
4867/0398

**It is also permissible to use the full UTM coordinates if preferred. For example:**

Pilot #9 – Chris Cliver  
Task 1  
13S 348670 / 3903980

**If you use a designated target/PDG location from the digital Top Gun files, it is permissible to replace the UTM coordinates with the target identifier for simplicity. For example:**

Pilot #9 – Chris Cliver  
Task 1  
X-48032

### How to declare your goal

**Option 1:** Pilots can declare their goal via text to prior to launch **to Andi at 505-620-2190**. Text time stamp will be checked against logger data to validate declaration was made before launch. More than one text can be sent, but if more than one declaration is submitted, the last coordinates received before launch will be used for your goal.

**Option 2:** A paper declaration can be made to the scoring official maintaining the “declaration box” at the Task 2 scoring area before launch. Scoring official will mark the time of the declaration. A crew member can turn in the declaration on behalf of the pilot. An amended, successive paper declaration can be made. The last declaration received (whether it be via text or paper submission) will be used.

Please ensure your declared goal adheres to the minimum distance from ILP stated in the task sheet. Late declarations will overrule any previous “on-time” declarations, but the appropriate penalty per the rules will apply (50 point penalty per minute that the declaration is made after take-off). Late declarations made in flight will also have the track point nearest to the time stamp of the declaration checked to ensure the goal declared adheres to the minimum distance from ILP rules stated in the task sheet.

Task 1 will be scored using 2D scoring at all altitudes.

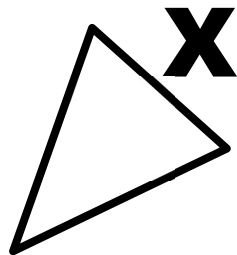
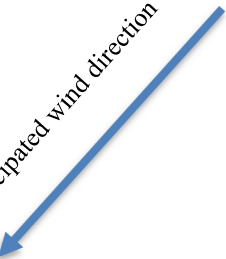
## Task 2 JDG

Task two is a standard JDG however there is a triangle adjacent to the X. This diagram is relevant for task 6. and included here to remind pilots that in regards to task 2 (JDG), it is a **GRAVITY marker drop** and **the X is the goal** (not the triangle). Do NOT gravity drop a blue marker on this X. Gravity drop any other marker color. The blue marker is [potentially] thrown in the triangle adjacent to this X for task 6. You can also achieve a result (not better than MMA) by track point. Task 2 is scored 2D at all altitudes.

Task 2 is location in the field next to (east of) Enchanted Hills elementary school as depicted below. Task two will be an X near the middle of this field.



Anticipated wind direction



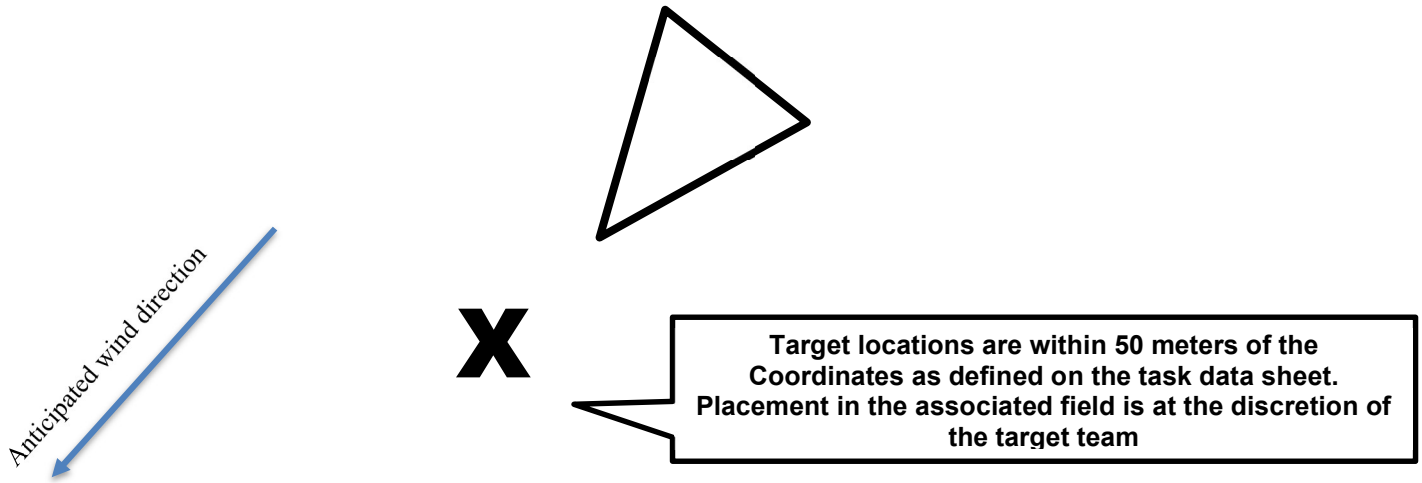
Target locations are within 50 meters of the Coordinates as defined on the task data sheet. Placement in the associated field is at the discretion of the target team

### Task 3 GBM

The scoring area is the area of the triangle, including the border. If any portion of the marker head is resting on top of the triangle border, it will be considered a mark within the scoring area. One baggie must be thrown in the triangle. Result is the direct-measure distances from observed marker to the center of X.

The position of the triangle will be positioned so that the tip of triangle is the nearest point from the center of the X which is the reference point for measurement. The position/angle of triangle around the X will be determined by the scoring team based on the anticipated surface wind line, with the triangle pointing directly from the anticipate wind line to the X

Please note the surface winds are anticipated to change in the flight window so triangle direction may not reflect actual flying conditions of surface winds.

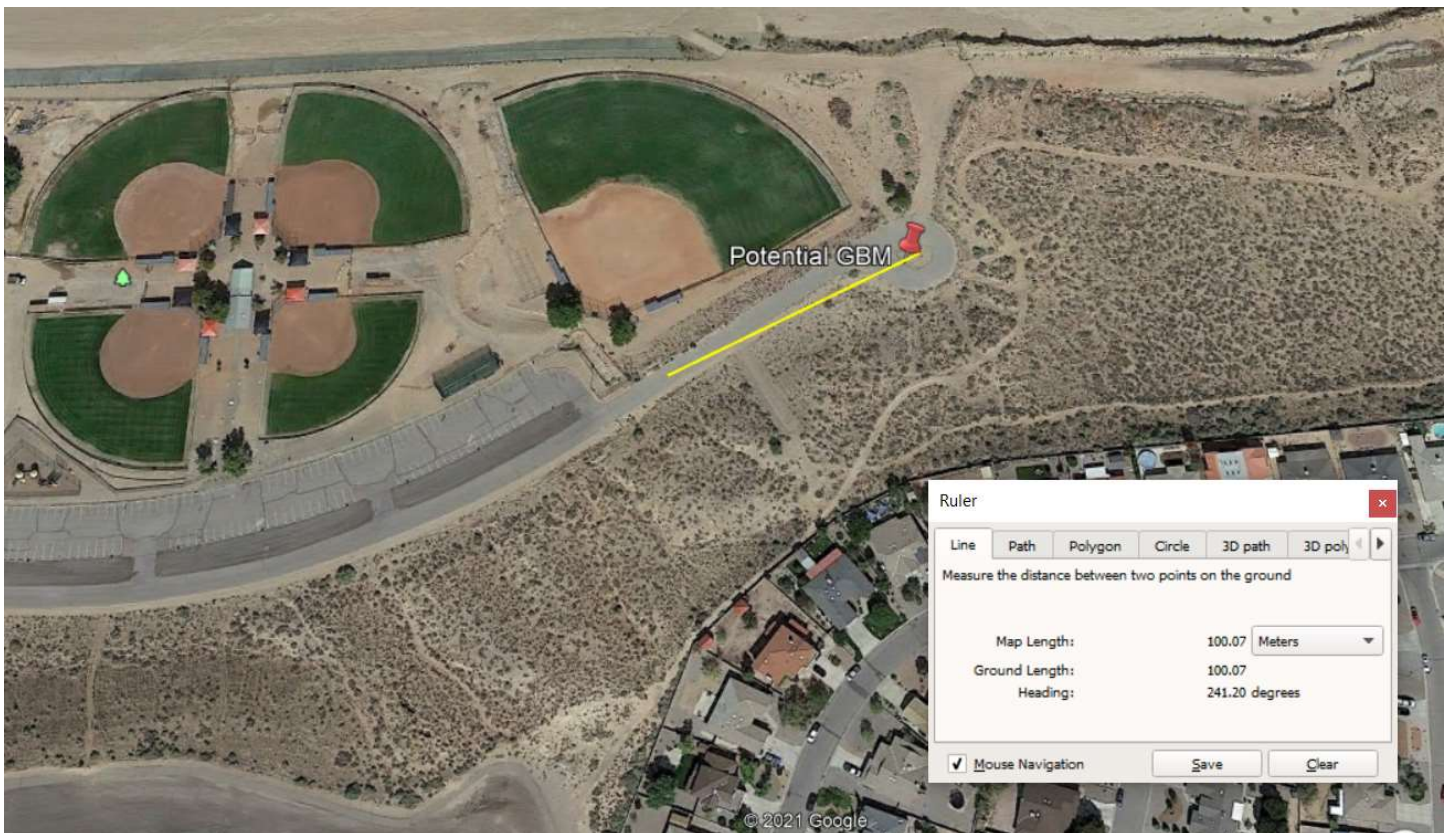


## Task 4 GBM

The scoring area is the paved road south of the most Easterly ball field. The X will be placed at the east point of paved road where the cul-de-sac of the paved road surrounds a small circle of dirt. The MMA extends up to 100 meters down the paved road from the X as indicated with the yellow line in the image below. The MMA ends slightly before the parking lot expands the paved area.

The fabric of the X may slightly overlap the paved road. Only baggies on the X that are above paved road will achieve a result. The definition of marker on the paved road is any point of the baggie head resting on and making contact with the paved road.

Please note: low level flight in the arroyo north of the goal will block the view to the X. The X is uphill from the arroyo (a semi-blind final approach). Error on the side of caution that your near miss on approach is to the West not to the East of the goal



**Task 5 HWZ locations:**

**4535/0057**



**4652/0618 (Quad A X-2)**



## **Task 6 Double Down PD-XDI**

### **Double Down Declaration:**

Pilots must declare whether they are going to throw one marker or two markers BEFORE takeoff.

**Instructions to make a valid declaration are on the following page.**

Failure to make a declaration will default your “declaration” so that you are permitted to throw one marker (no declaration = no double doubling down). pilot that declares one marker throw, but then throws both markers will achieve the WORST result of their two markers.

### **Diagram of scoring areas:**

The Diagram of how the scoring area/MMA for task 6 (triangles in relation to X) can be referenced in the Task 2 diagram – the layout of triangles relative to the adjacent X will be the same for all valid goal locations of task 6.

### **Marker drop limitations**

Only one marker is allowed to be thrown at each triangle/goal location listed in tasks 2 & 5. This means that you cannot throw your second marker at the same triangle. Two blue markers thrown towards the same triangle will instantly achieve a no-result on task 6.

The **marker color for this task is BLUE and ONLY BLUE**. Any other marker thrown for this task will achieve a NO-result. We will NOT score other colored markers with a incorrect color penalty.

### **If you declare to throw one marker:**

If a pilot declares ONE marker to be thrown, they can choose which of the three allowed goals at which to throw that marker. They can overfly the X at task 2 and either a) throw there in that triangle at task 2, or b) hold on to the marker and attempt to throw at one of the HWZ triangles

The advantage of declaring you will throw ONE marker is that you have a “second chance” to achieve a result in the limited area scoring. The disadvantage is that your maximum potential distance to achieve on the is half of those that double down.

### **If you declare to throw two markers:**

If a pilot declares to throw TWO markers / double down, they MUST achieve a result in two of the three triangles at the goal locations of task 2 & 5. Any combination of two triangles can achieve a result (e.g. you can score in the triangles of both HWZ goals and achieve a result). Similarly, you of course can achieve a result by throwing one marker in the triangle near task 2 and the other in either triangle at the HWZ goals.

If you declare to throw 2 markers or “double down” you will NOT achieve a result unless you get a valid mark with blue baggies in TWO separate triangles. You must get both blue baggies inside two separate scoring area triangles at task 2/5 in order to achieve a result. The advantage of doubling down is that your potential distance result is double. The disadvantage is the added risk that you may get a no result.

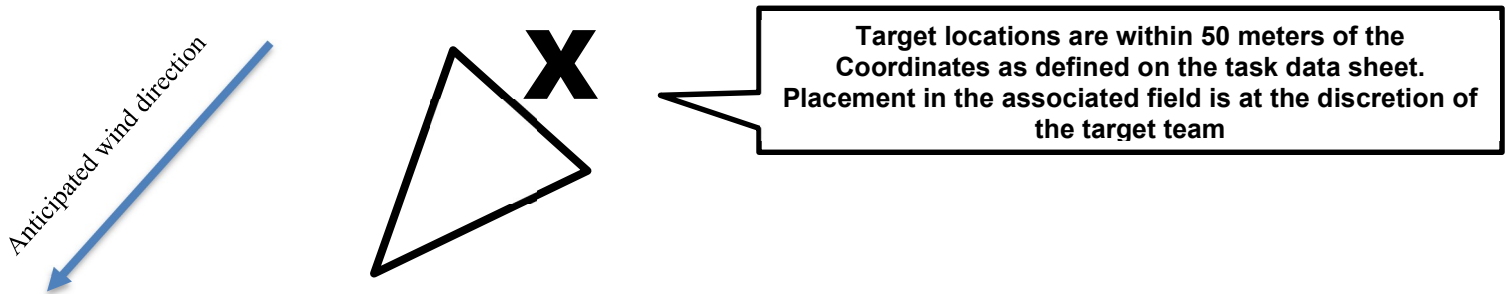
## Task 6 Diagram

### Diagram of Scoring Area(s)

The scoring areas are the triangles adjacent to the X at Tasks 2 and Task 5. There will be one triangle adjacent to each of these goals.

If any portion of the marker head is resting on top of the triangle border, it will be considered a mark within the scoring area. Result is the direct-measure distance(s) from the mark(s) back to the center of the closest X. This is a limited area scoring task, no results can be achieved by loggers or baggies outside the MMA (results only for baggies inside triangles).

The scoring teams will do their best to keep equal distance between each triangle and the reference point to which pilots will be measured at goal. In other words, we will do our best to keep the base of each triangle butted up against a leg of each X, but exact equality in regards to the maximum possible distance/ result at each target is NOT guaranteed.



### How to declare your goal

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**Option 2:** A paper declaration can be made to the scoring official maintaining the “declaration box” at the Task 2 scoring area before launch. Scoring official will mark the time of the declaration. A crew member can turn in the declaration on behalf of the pilot. An amended, successive paper declaration can be made. The last declaration received (whether it be via text or paper submission) will be used.

#### Information to include in declaration:

- **Pilot Number – Pilot Name;** AND
- **Task # being declared;** AND
- **# of markers to throw for task / YES/NO double down**

#### Example:

Pilot #9 – Chris Cliver  
Task #6  
Two markers – Yes double down