



Some Assembly Required

Team Info

Street 524 Carr Ave	City Rockville	State MD	ZipCode 20850
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Teacher / Mentor - Maximum of 2

First Name Thomas Robert	Last Name May Ekman	email address thomas.may@flightsightllc.com bob.ekman@att.net
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Student Names - Maximum of 8

First Name Visesh Gunvir Timothy Nicholas Lucas	Last Name Uppoor Lubana Chu Azarm Perkins	email address visesh.uppoor@gmail.com gunvir103@gmail.com pepsivstim@gmail.com nicholasazarm@gmail.com lucas.perkins@gmail.com	AMA # 1172738 1182773 1183327 1182903
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Categories	Points Earned
Flight Readiness Review	24.5
Flight Mission Demonstation (Times)	-2
Autonomous Flight	24
Safety	9
Search	18
Balloon Drop Total Score	10
#1 1'	5
#2 3'	5
#3	NA
Bonus	30
Ground School	9.538

Over All Points
123.0



SEARCH AND RESCUE CHALLENGE

2019 Maryland Regional

Date: 27-Apr-19

Judge: Todd

Team Name: Some Assembly Req.

Oral Briefing of a Flight Readiness Review (FRR)

Criteria	Weighting	Points (0 - 10)
4.4.6.2.1 Introductions ✓	1	9
4.4.6.2.2 Overview	1	9
4.4.6.2.3 Safety / /	1	8
4.4.6.2.4 Test Results	3	9
4.4.6.2.5 Mission	1	10
4.4.6.2.6 Briefing	2	10
4.4.6.2.7 Participation	1	10
5 Questions (1 Point Each)		
4.4.6.2.8 Judges Questions	1	5

Comments:

Data for Vibrations?
Sequence?



SEARCH AND RESCUE CHALLENGE

2019 Maryland Regional

Date: 27-Apr-19

Judge: Bryan Danielson

Team Name: Same Assembly Required

Oral Briefing of a Flight Rediness Review (FRR)

Criteria	Weighting	Points (0 - 10)	
4.4.6.2.1 Introductions	1	9	✓
4.4.6.2.2 Overview	1	9	✓
4.4.6.2.3 Safety	1	8	✓
4.4.6.2.4 Test Results	3	10	✓
4.4.6.2.5 Mission	1	9	✓
4.4.6.2.6 Briefing	2	9	✓
4.4.6.2.7 Participation	1	10	✓
5 Questions (1 Point Each)			
4.4.6.2.8 Judges Questions	1	5	✓

Comments:

- How will the crew communicate with each other to ensure safety?
- Excellent review of test results

- Very good job!

UAS STEM SEARCH AND RESCUE CHALLENGE

2019 Maryland Regional

Date: 27-Apr-19

Judge: Joe & Todd

Team Name: Some Assembly Required

Autonomous Flight Tasks

Segment	Max	Points	Max	Points
Takeoff	4	4	4	4
WP1/CMD	2	2	2	2
WP2/CMD	2	2	2	2
WP3/CMD	2	2	2	2
WP4/CMD	2	2	2	2
WP5/CMD	2	2	2	2
Landing	4	4	4	4

Did not go to 100' for 5 sec.

Balloon Drop

	Distance
1	1' (C)
2	3' (L)
3	

*waypoint? (will count)
waypoint (in field at front right)*

Flight Mission Demonstration

Stage	Max	Actual	Stage
Setup	15	15	4.6.4.1
Flight Time	30	32' 57"	4.6.4.2
Post Processing	20	1745	4.6.4.3

Safety

9

Comments:

*Good mission brief being setup time.
Very good awareness calls
controlling any corrections via mouse in MP*

good awareness calls to judges from team.