



# E-GV

## Engineering – Global Vehicles

**Employer and Location**

**Position Title / Job Function**

**Name (highly encouraged for future contact)**

**E-mail Address (future contact/follow-up)**

The information you provide will be used to create an effective Unmanned Aerial System (UAS) whose design is centered about the needs of its users, their missions and the safety of the general public. All contact information will be kept strictly confidential and will only be used for follow-up/updates, beta testing, and any other events by invite only.

Please, e-mail completed survey to: [egv@umd.edu](mailto:egv@umd.edu)

**About you.**

	0 - 2	2-5	5 - 10	10 - 20	20+
Total Years of Professional Experience.					
Total Years in your current Function as stated above.					

**How likely is the adoption of the UAS in your job function?**

Already in use by some early adopters      Very likely  
Somewhat likely      Somewhat unlikely  
Very unlikely

**Has your immediate department already purchased a UAS and/or is currently using one?**

Yes      No

**How do you categorize yourself (select all that apply)?**

Purchaser / Owner      Operator / Flight Crew Member  
Data Analyst      Support personnel outside UAS operation  
Other

**Would you like to be contacted for follow-up/beta testing/demonstration/etc.?**

Yes      No

**About your expectations of the UAS and of the mission that you wish to accomplish.**

	N/A	Low Importance	Neutral	Important	Very Important
Warranty					
Protection Plan					
Durability/Robustness					
Transportable					
Quickly Deployable					
Field Repairable					
Manufacturer Repairable					
Minimal training required to operate system safely					
Safe to Operate					
Safe for Public					
Hovering					
Runway Independent					

**Select all categories that fit your mission(s).**

- |                       |                            |                          |
|-----------------------|----------------------------|--------------------------|
| Police / SWAT         | Fire Fighting              | Search and Rescue        |
| Disaster Relief       | National Security / Intel. | Infrastructure Security  |
| Coastal Defense       | Border Patrol              | News / Sports Media      |
| Film Making           | Real Estate                | Traffic / Transportation |
| Construction Progress | Maintenance Management     | Land / Mineral Survey    |
| Package Delivery      | Agriculture / Aquaculture  | Wild Life Monitoring     |
| Event Planning        | Event Monitoring           | Crowd Control            |
| Other                 |                            |                          |

**What setting would you expect to fly over while performing your mission(s) (select all that apply)?**

- |             |                    |                  |           |
|-------------|--------------------|------------------|-----------|
| Residential | Urban              | Industrial       | Rural     |
| Desert      | Wooded / Forested  | Mountainous      | Off-shore |
| Coastal     | Lakeside / Bayside | All of the above | Other     |

**What human population density would you expect to fly over (select all that apply)?**

- |                        |                           |                         |
|------------------------|---------------------------|-------------------------|
| Unpopulated            | Quarantined               | Sparsely populated      |
| Low density population | Medium density population | High density population |
| All of the above       | Other                     |                         |

**If I were to use a UAS in my job function, it would....**

	N/A	4 - Unlikely	3 - Possibly	2 - Probably	1 - Definitely
...make me safer.					
...make the public safer.					
...make me more efficient.					
...make the overall mission more efficient.					
...unlock new operational capabilities.					
...in short-term, reduce existing costs.					
...in long-term, reduce existing costs.					
...eventually pay for itself in avoiding property loss.					
...save lives.					
...increase situational awareness.					

**For one complete unmanned autonomous system and given your mission(s), what price would you expect it should have?**

- |       |          |          |          |           |        |
|-------|----------|----------|----------|-----------|--------|
| < 15K | 15 - 30K | 30 - 50K | 50 - 75K | 75 - 100K | > 100K |
|-------|----------|----------|----------|-----------|--------|

**What would you expect to be included in the price above?**

	Yes	No	Not needed
System Warranty			
Customer Support			
Training / Certification			

**How long would you expect training should take to become a UAS operator/crew member?**

1 day or less                      1 week or less                      2 weeks or less  
 1 month or less                      1 to 3 months                      ...how ever long it takes...

**How long would you expect to stay airborne to complete your mission?**

30min                      45min                      60min  
 75min                      90min                      ...the longer the better...

**Which sensors would help you fulfill your mission and how are they installed?**

	Not needed	Fixed Mount	Gimbal Mount
Still Image Camera			
Video Camera			
Night Vision			
IR / Thermal Imaging			
LIDAR			
RADAR			
Hyperspectral			
Chemical / Particle			
Atmospheric			
Communication / Networking			

If a sensor you would like to use is not listed above, please, provide its name, functionality, and installation (fixed or gimbal mounted) below.

**Is the deployment of a small object (like a cell phone or medical kit) to the ground a desirable feature?**

Yes            No

**What is important to you as far as the data collected by the UAS and how it is made available?**

On-board data storage - post processing of data once vehicle returns to base

Near real-time data feed - delayed situational awareness

Real-time data feed - live situational awareness

Hmm...don't know....

Other

**Would you or someone you know like to discuss investment opportunity with us (select all that apply)?**

Yes I am, Angel Investor.

Yes I am, Venture Capital.

Yes, both - Angel and VC.

I have possible contacts for Angel Investment.

I have possible contacts for Venture Capital.

I have possible contacts for both Angel and VC.

I am not interested in investing.

**How was this survey completed/submitted?**

PDF Document , E-mail

Online Submission

Live Interview

Please feel free to provide any details about your mission requirements, desirable UAS features, overall thoughts, suggestions, concerns, etc. below. (optional)

Thank you for completing this very important survey. We look forward to sharing our success and creating a lasting relationship with you as this exciting technology enters our daily lives.

Team EGV, [egv@umd.edu](mailto:egv@umd.edu)

The spaces below are reserved for the interviewer (live interview only).

**Interview Date.**

**Location of Interview.**

**Duration (mins).**

**Interviewer Name.**