EXPLORE technical trial: questionnaires and questions

Answer the second and third questions only the first time you're presented with this form.

1. What interface are you compiling the form for? *

   Contrassegna solo un ovale.

   ◯ EGO (First-Person View interface only)

   ◯ EXO (Third-Person View interface + the drone camera footage)

2. Are you familiar with drones?

   Contrassegna solo un ovale.

   ◯ Yes

   ◯ No

3. Are you familiar with simulators and/or 3D games?

   Contrassegna solo un ovale.

   ◯ Yes

   ◯ No

Simulator Sickness Questionnaire	Select how much each symptom below is affecting you right now. 1 for "None" 2 for "Slight" 3 for "Moderate" 4 for "Severe"

4. General discomfort *

Contrassegna solo un ovale.

	1	2	3	4	
None	◯	◯	◯	◯	Severe

5. Fatigue *

Contrassegna solo un ovale.

	1	2	3	4	
None	◯	◯	◯	◯	Severe

6. Headache *

Contrassegna solo un ovale.

	1	2	3	4	
None	◯	◯	◯	◯	Severe

7. Eye strain *

Contrassegna solo un ovale.

	1	2	3	4	
None	◯	◯	◯	◯	Severe

8. Difficulty focusing *

Contrassegna solo un ovale.

	1	2	3	4	
None	◯	◯	◯	◯	Severe

9. Salivation increasing *

Contrassegna solo un ovale.

	1	2	3	4	
None	◯	◯	◯	◯	Severe

10. Sweating *

Contrassegna solo un ovale.

	1	2	3	4	
None	◯	◯	◯	◯	Severe

11. Nausea *

Contrassegna solo un ovale.

	1	2	3	4	
None	◯	◯	◯	◯	Severe

12. Difficulty concentrating *

Contrassegna solo un ovale.

	1	2	3	4	
None	○	○	○	○	Severe

13. "Fullness of the head" *

Contrassegna solo un ovale.

	1	2	3	4	
None	○	○	○	○	Severe

14. Blurred vision *

Contrassegna solo un ovale.

	1	2	3	4	
None	○	○	○	○	Severe

15. Dizziness with eyes open *

Contrassegna solo un ovale.

	1	2	3	4	
None	○	○	○	○	Severe

16. Dizziness with eyes closed *

Contrassegna solo un ovale.

	1	2	3	4	
None	◯	◯	◯	◯	Severe

17. Vertigo (loss of orientation with respect to vertical upright) *

Contrassegna solo un ovale.

	1	2	3	4	
None	◯	◯	◯	◯	Severe

18. Stomach awareness (a feeling of discomfort which is just short of nausea) *

Contrassegna solo un ovale.

	1	2	3	4	
None	◯	◯	◯	◯	Severe

19. Burping *

Contrassegna solo un ovale.

	1	2	3	4	
None	◯	◯	◯	◯	Severe

System Usability Scale

Usability is defined as the appropriateness to a purpose of any particular tool or system.

20. I think that I would like to use this system frequently *

Contrassegna solo un ovale.

	1	2	3	4	5	
Strongly disagree	◯	◯	◯	◯	◯	Strongly agree

21. I found the system unnecessarily complex *

Contrassegna solo un ovale.

	1	2	3	4	5	
Strongly disagree	◯	◯	◯	◯	◯	Strongly agree

22. I thought the system was easy to use *

Contrassegna solo un ovale.

	1	2	3	4	5	
Strongly disagree	◯	◯	◯	◯	◯	Strongly agree

23. I think that I would need the support of a technical person to be able to use this system *

Contrassegna solo un ovale.

	1	2	3	4	5	
Strongly disagree	◯	◯	◯	◯	◯	Strongly agree

24. I found the various functions in this system were well integrated *

Contrassegna solo un ovale.

	1	2	3	4	5	
Strongly disagree	◯	◯	◯	◯	◯	Strongly agree

25. I thought there was too much inconsistency in this system *

Contrassegna solo un ovale.

	1	2	3	4	5	
Strongly disagree	◯	◯	◯	◯	◯	Strongly agree

26. I would imagine that most people would learn to use this system very quickly *

Contrassegna solo un ovale.

	1	2	3	4	5	
Strongly disagree	◯	◯	◯	◯	◯	Strongly agree

27. I found the system very cumbersome to use *

Contrassegna solo un ovale.

	1	2	3	4	5	
Strongly disagree	◯	◯	◯	◯	◯	Strongly agree

28. I felt very confident using the system *

Contrassegna solo un ovale.

	1	2	3	4	5	
Strongly disagree	◯	◯	◯	◯	◯	Strongly agree

29. I needed to learn a lot of things before I could get going with this system *

Contrassegna solo un ovale.

	1	2	3	4	5	
Strongly disagree	◯	◯	◯	◯	◯	Strongly agree

Situational Awareness Rating Technique	Measures how aware a person was during task performance.

30. Instability of situation: how changeable is the situation? Is the situation highly unstable and likely to change suddenly (High) or is it very stable and straightforward (Low)? *

Contrassegna solo un ovale.

	1	2	3	4	5	6	7	
Low	◯	◯	◯	◯	◯	◯	◯	High

31. Complexity of situation: how complicated is the situation? Is it complex with many interrelated components (High) or is it simple and straightforward (Low)? *

Contrassegna solo un ovale.

	1	2	3	4	5	6	7	
Low	◯	◯	◯	◯	◯	◯	◯	High

32. Variability of situation: how many variables are changing within the situation? Are there a large number of factors varying (High) or are there very few variables changing (Low)? *

Contrassegna solo un ovale.

	1	2	3	4	5	6	7	
Low	◯	◯	◯	◯	◯	◯	◯	High

33. Arousal: how aroused are you in the situation? Are you alert and ready for activity (High) or do you have a low degree of alertness (Low)? *

Contrassegna solo un ovale.

	1	2	3	4	5	6	7	
Low	◯	◯	◯	◯	◯	◯	◯	High

34. Concentration of attention: how much are you concentrating on the situation? Are you concentrating on many aspects of the situation (High) or focused on only one (Low)? *

Contrassegna solo un ovale.

	1	2	3	4	5	6	7	
Low	◯	◯	◯	◯	◯	◯	◯	High

35. Division of attention: how much is your attention divided in the situation? Are you concentrating on many aspects of the situation (High) or focused on only one (Low)? *

Contrassegna solo un ovale.

	1	2	3	4	5	6	7	
Low	◯	◯	◯	◯	◯	◯	◯	High

36. Spare mental capacity: how much mental capacity do you have to spare in the situation? Do you have sufficient to attend to many variables (High) or nothing to spare at all (Low)? *

Contrassegna solo un ovale.

	1	2	3	4	5	6	7	
Low	◯	◯	◯	◯	◯	◯	◯	High

37. Information quantity: how much information have you gained about the situation? Have you received and understood a great deal of knowledge (High) or very little (Low)? *

Contrassegna solo un ovale.

	1	2	3	4	5	6	7	
Low	◯	◯	◯	◯	◯	◯	◯	High

38. Familiarity with situation: how familiar are you with the situation? Do you have a great deal of relevant experience (High) or is it a new situation (Low)? *

Contrassegna solo un ovale.

	1	2	3	4	5	6	7	
Low	◯	◯	◯	◯	◯	◯	◯	High

Final questions

Answer these questions only when you have used both interfaces.

39. In your opinion, what was the most useful approach to complete the task?

Contrassegna solo un ovale.

◯ EGO (First-Person View interface only)

◯ EXO (Third-Person View interface + the drone camera's footage)

40. Do you think the information provided to you by the EXO interface was too much?

Contrassegna solo un ovale.

○ Yes

○ No

41. How can the EXO interface be improved?

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