

APPENDIX D

POST TEST QUESTIONNAIRES FOR DEVICES AND VISUAL DISPLAYS

HAND-HELD MOUSE ASSESSMENT

Please circle the response that best represents your answer to the question

Subject No: _____

	QUESTION	RESPONSE				
1.	The force required to use the device was	Too Low		Just Right		Too High
		x	x	x	x	x
2.	Cursor smoothness during the target operation was	Too Rough		Just Right		Too Smooth
		x	x	x	x	x
3.	The mental effort required to use this input device was	Too Low		Just Right		Too High
		x	x	x	x	x
4.	The physical effort required to use this input device was	Too Low		Just Right		Too High
		x	x	x	x	x
5.	Moving the pointer from the home target to the objective target was	Easy		Neither Easy nor Hard		Difficult
		x	x	x	x	x
6.	Moving the cross-hair in the center of the target was	Easy		Neither Easy nor Hard		Difficult
		x	x	x	x	x
7.	The speed of the pointer was	Too Slow		Just Right		Too Fast
		x	x	x	x	x
8.	Finger fatigue	None		Medium		Very High
		x	x	x	x	x
9.	Wrist fatigue	None		Medium		Very High
		x	x	x	x	x
10.	General comfort	Very Uncomfortable		Comfortable		Very Comfortable
		x	x	x	x	x
11.	Overall, the input device was	Very Easy to Use		Neither Easy nor Difficult		Very Difficult to Use
		x	x	x	x	x

TOUCH PAD ASSESSMENT

Please circle the response that best represents your answer to the question

Subject No: _____

QUESTION		RESPONSE				
1.	The force required to use the device was	Too Low		Just Right		Too High
		x	x	x	x	x
2.	Cursor smoothness during the target operation was	Too Rough		Just Right		Too High
		x	x	x	x	x
3.	The mental effort required to use this input device was	Too Low		Just Right		Too High
		x	x	x	x	x
4.	The physical effort required to use this input device was	Too Low		Just Right		Too High
		x	x	x	x	x
5.	Moving the pointer from the home target to the objective target was	Easy		Neither Easy nor Hard		Difficult
		x	x	x	x	x
6.	Moving the cross-hair in the center of the target was	Easy		Neither Easy nor Hard		Difficult
		x	x	x	x	x
7.	The speed of the pointer was	Too Slow		Just Right		Too Fast
		x	x	x	x	x
8.	Finger fatigue	None		Medium		Very High
		x	x	x	x	x
9.	Wrist fatigue	None		Medium		Very High
		x	x	x	x	x
10.	General comfort	Very Uncomfortable		Comfortable		Very Comfortable
		x	x	x	x	x
11.	Overall, the input device was	Very Easy to Use		Neither Easy nor Difficult		Very Difficult to Use
		1	2	3	4	5

TRACKBALL ASSESSMENT

Please circle the response that best represents your answer to the question

Subject No: _____

QUESTION		RESPONSE				
1.	The force required to use the device was	Too Low		Just Right		Too High
		x	x	x	x	x
2.	Cursor smoothness during the target operation was	Too Rough		Just Right		Too High
		x	x	x	x	x
3.	The mental effort required to use this input device was	Too Low		Just Right		Too High
		x	x	x	x	x
4.	The physical effort required to use this input device was	Too Low		Just Right		Too High
		x	x	x	x	x
5.	Moving the pointer from the home target to the objective target was	Easy		Neither Easy nor Hard		Difficult
		x	x	x	x	x
6.	Moving the cross-hair in the center of the target was	Easy		Neither Easy nor Hard		Difficult
		x	x	x	x	x
7.	The speed of the pointer was	Too Slow		Just Right		Too Fast
		x	x	x	x	x
8.	Finger fatigue	None		Medium		Very High
		x	x	x	x	x
9.	Wrist fatigue	None		Medium		Very High
		x	x	x	x	x
10.	General comfort	Very Uncomfortable		Comfortable		Very Comfortable
		x	x	x	x	x
11.	Overall, the input device was	Very Easy to Use		Neither Easy nor Difficult		Very Difficult to Use
		x	x	x	x	x

DURAPOINT ASSESSMENT

Please circle the response that best represents your answer to the question

Subject No: _____

QUESTION		RESPONSE				
1.	The force required to use the device was	Too Low		Just Right		Too High
		x	x	x	x	x
2.	Cursor smoothness during the target operation was	Too Rough		Just Right		Too High
		x	x	x	x	x
3.	The mental effort required to use this input device was	Too Low		Just Right		Too High
		x	x	x	x	x
4.	The physical effort required to use this input device was	Too Low		Just Right		Too High
		x	x	x	x	x
5.	Moving the pointer from the home target to the objective target was	Easy		Neither Easy nor Hard		Difficult
		x	x	x	x	x
6.	Moving the cross-hair in the center of the target was	Easy		Neither Easy nor Hard		Difficult
		x	x	x	x	x
7.	The speed of the pointer was	Too Slow		Just Right		Too Fast
		x	x	x	x	x
8.	Finger fatigue	None		Medium		Very High
		x	x	x	x	x
9.	Wrist fatigue	None		Medium		Very High
		x	x	x	x	x
10.	General comfort	Very Uncomfortable		Comfortable		Very Comfortable
		x	x	x	x	x
11.	Overall, the input device was	Very Easy to Use		Neither Easy nor Difficult		Very Difficult to Use
		x	x	x	x	x

THUMB WHEEL ASSESSMENT

Please circle the response that best represents your answer to the question

Subject No: _____

QUESTION		RESPONSE				
1.	The force required to use the device was	Too Low x	x	Just Right x	x	Too High x
2.	Cursor smoothness during the target operation was	Too Rough x	x	Just Right x	x	Too High x
3.	The mental effort required to use this input device was	Too Low x	x	Just Right x	x	Too High x
4.	The physical effort required to use this input device was	Too Low x	x	Just Right x	x	Too High x
5.	Moving the pointer from the home target to the objective target was	Easy x	x	Neither Easy nor Hard x	x	Difficult x
6.	Moving the cross-hair in the center of the target was	Easy x	x	Neither Easy nor Hard x	x	Difficult x
7.	The speed of the pointer was	Too Slow x	x	Just Right x	x	Too Fast x
8.	Finger fatigue	None x	x	Medium x	x	Very High x
9.	Wrist fatigue	None x	x	Medium x	x	Very High x
10.	General comfort	Very Uncomfortable x	x	Comfortable x	x	Very Comfortable x
11.	Overall, the input device was	Very Easy to Use x	x	Neither Easy nor Difficult x	x	Very Difficult to Use x

VISUAL DISPLAY ASSESSMENT

Please Circle the response that best answer to the question

Subject No: _____

QUESTION	RESPONSE				
	Strongly Agree	Agree	Neither Agree nor Disagree	Disagree	Strongly Disagree
1. The targets on the display were easy to see?	1	2	3	4	5
2. The visual display felt comfortable on my arm or head?	1	2	3	4	5
3. The visual display caused me to strain my eyes?	1	2	3	4	5
4. The visual display caused eye fatigue?	1	2	3	4	5
5. The visual display caused me to become irritated or frustrated?	1	2	3	4	5
6. The cursor presented on the display was easy to see?	1	2	3	4	5
7. The pointing devices were easy to use with the visual display?	1	2	3	4	5

8. Please rank the input devices listed below in the order of your preference. Jot the number 1 next to the one you preferred most, number 2 above your second choice, and so forth.

Touchpad Hand Mouse Trackball Thumb Wheel DP Joystick

9. Would you feel comfortable having information presented on the visual display during a military mission? Why or why not? (use the space below and reverse side to answer this question):