

Test Track Secondary Task Performance Study Eligibility Questionnaire

PRA STATEMENT

A federal agency may not conduct or sponsor, and a person is not required to respond to, nor shall a person be subject to a penalty for failure to comply with, a collection of information subject to the requirements of the Paperwork Reduction Act unless that collection of information displays a current valid OMB Control Number. The OMB Control Number for this information collection is 21xx-xxx. The information collected in this study will be used to create a database of vehicle occupant body size, shape, and posture. The data will be used to improve vehicle safety. Public reporting for this collection of information is estimated to be approximately **10 minutes**, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, completing and reviewing the collection of information. All responses to this collection of information are voluntary; all responses will be de-identified and confidential, per 45 CFR part 46. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to: Information Collection Clearance Officer, National Highway Traffic Safety Administration, 1200 New Jersey Ave, S.E., Room W45-205, Washington, DC, 20590.

Introduction

Thank you for your interest in our driving research study. First, we will provide you an overview of what is involved in study participation and then we ask you several questions to determine your eligibility.

You will be completing between 12 secondary tasks during your session. You will be completing tasks using Android Auto, Apple CarPlay and one of [Vehicles to be chosen after PRA]'s systems. You will be trained on each task until you are comfortable performing the task.

During the study, we are evaluating which secondary tasks comply with the NHTSA driver distraction guideline for task acceptance while driving.

If you participate in this research, you will perform these tasks while driving on a closed course track. You will wear eye tracking glasses and a detection response task device to understand the potential impacts of performing tasks while driving. While wearing this equipment you will first be trained on how to complete each task while the vehicle is in park before completing each task while driving. This study will take place at the Utah Motorsports Campus and will take approximately 3.5 hours. Note that if you are eligible, you will be asked to provide your name, email and phone number so we may schedule your session. All data is stored securely and only accessible by research staff. In this questionnaire, we will also ask you about your age and sex to ensure representativeness per NHTSA guidelines.

Participants will receive \$120 for participation.

INTEREST1

Would you like to be considered for this study? * Required

☐ Yes

☐ No

IF No, SKIP to ENDSURVEY.

-----ENDPAGE-----

ELIGIBILITY QUESTIONNAIRE

AGE

What is your age? * Required

[INSERT AGE]

IF younger than 21 years of age, SKIP to INELIGIBLE.

-----ENDPAGE-----

SYSTEM

When driving, select which system do you usually use? * Required

☐ Android Auto

☐ Apple CarPlay

☐ Vehicle Built-in

☐ Other

☐ None

IF Vehicle Built-in, Other OR NONE, SKIP to INELIGIBLE.

-----ENDPAGE-----

VEHICLE

Do you currently own or frequently drive [insert list of study vehicles]? * Required

☐ Yes

☐ No

IF Yes, SKIP to INELIGIBLE.

-----ENDPAGE-----

LICENSE

Do you currently have a valid U.S. driver's license? * Required

☐ Yes

☐ No

IF No, SKIP to INELIGIBLE.

-----ENDPAGE-----

MILEAGE

Do you drive at least 3000 per year? * Required

☐ Yes

☐ No

IF No, SKIP to INELIGIBLE.

-----ENDPAGE-----

AT-FAULT ACCIDENTS

Have you had more than 2 at-fault accidents in the last 2 years? * Required

☐ Yes

☐ No

IF Yes, SKIP to INELIGIBLE.

-----ENDPAGE-----

VISION

Do you have normal or corrected-to-normal vision? * Required

☐ Yes

☐ No

IF No, SKIP to INELIGIBLE.

-----ENDPAGE-----

GLASSES

Do you wear corrective lenses while driving? * Required

☐ Yes

☐ No

IF No, SKIP to HEARING.

IF Yes, SKIP to CONTACTS.

-----ENDPAGE-----

CONTACTS

Do you have contact lenses? * Required

☐ Yes

☐ No

IF No, SKIP to INELIGIBLE.

-----ENDPAGE-----

HEARING

Do you have normal or corrected-to-normal hearing? * Required

☐ Yes

☐ No

IF No, SKIP to INELIGIBLE.

-----ENDPAGE-----

ENGLISH

Are you fluent reading and speaking in English? * Required

☐ Yes

☐ No

IF No, SKIP to INELIGIBLE.

-----ENDPAGE-----

HEALTH

Do you have any medical conditions that could affect your ability to drive safely (e.g., heart condition, back or neck pain, recent back or neck pain treatment, disorder, disability or seizures)?

* Required

☐ Yes

☐ No

IF Yes, go to HEALTH FOLLOW-UP.

IF No, SKIP to MEDICATIONS.

-----ENDPAGE-----

HEALTH FOLLOW-UP

Please Explain * Required

-----ENDPAGE-----

MEDICATIONS

Are you currently taking any sedative or psychotropic medications (e.g., sedatives or psychotropic medications (antidepressants, anti-anxiety medications, stimulants, antipsychotics, or mood stabilizers)? * Required

☐ Yes

☐ No

IF Yes, SKIP to INELIGIBLE.

-----ENDPAGE-----

EQUIPMENT

Do you require special equipment to aid with driving (e.g., pedal extensions, hand brake or throttle, spinner wheel knob, seat cushion, booster seat, or other non-standard equipment)? * **Required**

☐ Yes

☐ No

IF Yes, SKIP to INELIGIBLE.

-----ENDPAGE-----

LASHES/MASCARA

Are you willing to attend a session without wearing mascara and/or fake eyelashes? * **Required**

☐ Yes

☐ No

IF No, SKIP to INELIGIBLE.

-----ENDPAGE-----

ALCOHOL/DRUGS

Are you capable of abstaining from alcohol and recreational substance use for the 12 hours preceding your study session? * **Required**

☐ Yes

☐ No

IF No, SKIP to INELIGIBLE.

-----ENDPAGE-----

SESSION LENGTH

Can you participate in a 3.5-4 hour session? * **Required**

☐ Yes

☐ No

IF No, SKIP to INELIGIBLE.

-----ENDPAGE-----

SESSION LOCATION

Are you able to travel to the study location approximately 30 miles from Salt Lake City? *
Required

☐ Yes

☐ No

IF No, SKIP to INELIGIBLE.

-----ENDPAGE-----

INELIGIBLE

Thank you for your interest in our study, but unfortunately you are ineligible to participate based on your previous responses.

SKIP to ENDSURVEY.

-----ENDPAGE-----

ELIGIBLE

Thank you for answering our eligibility questions. You are eligible to participate in the study! Next, we will collect your contact information, will link your responses to your identity. If you do not provide your name or contact information, we cannot verify your eligibility or contact you to participate. After completing this form, you will be contacted by our study team to schedule your session. We will continue to schedule participants until we have filled all slots.

INTEREST2

Would you still like to participate in our study? * **Required**

☐ Yes

☐ No

IF Yes, SKIP to DEMOGRAPHIC. IF No, SKIP to ENDSURVEY

-----ENDPAGE-----

DEMOGRAPHIC

SEX

What is your sex?

☐ Female

☐ Male

CONTACT INFO

FIRSTNAME

What is your first name? * Required

[INSERT FIRST NAME]

LASTNAME

What is your last name? * Required

[INSERT LAST NAME]

EMAIL

What is your email? * Required

[INSERT EMAIL]

PHONE NUMBER

What is your phone number? * Required

[INSERT PHONE NUMBER]

CONTACT METHOD

What is your preferred contact method? * Required

☐ Phone

☐ Email

CONTACT TIME

What is your preferred contact time? * Required

☐ Morning

☐ Afternoon

☐ Evening

SCHEDULING

SCHEDULE

Sessions will begin and end at the Utah Motorsports Campus. In general, what times of day work best for you to come to the track and complete the study? (*select all that apply*) * Required

	Morning (9am-12:30pm)	Afternoon (1pm-4:30pm)
Monday		
Tuesday		

Wednesday		
Thursday		
Friday		
Saturday		

-----ENDPAGE-----

-----ENDSURVEY-----