

QUESTIONNAIRE

Four slight variants of the same interview are shown in the tables below:

- I: Live agent contact attempts to presumed landline sample records (telephone numbers)
- II: Live agent contact attempts to known wireless sample records (telephone numbers)
- III: Automated contact attempts to presumed landline sample records (telephone numbers)
- IV: Automated contact attempts to known wireless sample records (telephone numbers)

The variant forms of the questionnaires differ in whether an age-ineligible respondent is asked if another adult household member is available for interview, and in the manner in which additional information about the interview is offered to respondents.

In all cases, tri-tone intercepts (disconnected or otherwise non-functional numbers), fax/modem numbers, busy signals, no answers, refusals, and abandoned interviews (break-offs/incompletes/hang ups) are automatically dispositioned by the IVR and CATI software, without any interviewer involvement. Likewise, all responses are automatically timed, dated, coded and immediately entered by anonymous case number into databases of questionnaire responses. Only the verbiage shown in quotation marks in the tables below is heard by respondents.

The wording of questionnaire items is presented in electronic form (*i.e.*, on a display screen) for live agent interviewers to read to respondents. Recordings of questionnaire items are automatically reproduced to respondents. In no case are paper versions of the forms shown below involved in the actual administration of interviews.

The flow of questioning is sequential unless otherwise indicated in the last (NEXT ITEM/ACTION) column of the tables. Shaded areas in the following tables concern preliminary qualification of potential respondents, not their responses to questions. Substantive questionnaire items are shown in unshaded areas.

I. LIVE AGENT CONTACT ATTEMPTS TO PRESUMED LANDLINE TELEPHONE NUMBERS

ITEM	WORDING	RESPONSE	NEXT ITEM/ACTION
INTRODUCTION	<p><i>“This is a call on behalf of NASA, the National Aeronautics and Space Administration. NASA is planning flight tests of an experimental supersonic airplane, and would like a moment of your time to answer four quick questions about aircraft noise that you may have heard today.”</i></p>	NONE	ADDITIONAL INFORMATION REQUESTS
ADDITIONAL INFORMATION REQUESTS	<p>As requested by respondent, interviewer provides any or all of the following information:</p> <p><i>“Your answers to four questions about aircraft noise will be confidential, and will never be associated with you individually.”</i></p> <p><i>“The information that you provide will be used to help in the design and operation of future supersonic aircraft.”</i></p> <p><i>“Your telephone number was selected as part of a carefully designed sample of people living in your neighborhood.”</i></p> <p><i>“Your participation in this interview is of course voluntary, but it would be very helpful to NASA if you could answer four quick questions. No further information is available about this interview.”</i></p>	NONE RECORDED	AGE ELIGIBILITY QUESTION
AGE ELIGIBILITY QUESTION	<p>“Are you 18 or older?”</p>	<p>YES</p> <p>-----</p> <p>NO</p>	<p>ITEM 1</p> <p>-----</p> <p><u>INELIGIBLE RESPONDENT</u></p>

ITEM	WORDING	RESPONSE	NEXT ITEM/ACTION
INELIGIBLE RESPONDENT	<i>“Thank you for your time, but we are only able to interview people 18 years old or older. Is an adult member of your household available for interview at this time?”</i>	YES ----- NO	ALTERNATE RESPONDENT INTRODUCTION ----- TERMINATE INTERVIEW
ALTERNATE RESPONDENT INTRODUCTION	<i>“This is a call on behalf of NASA, the National Aeronautics and Space Administration. NASA is planning flight tests of an experimental supersonic airplane, and would like a moment of your time to answer four quick questions about aircraft noise that you may have heard today.”</i>	NONE	INTRODUCTION FOR ALTERNATE RESPONDENT
ADDITIONAL INFORMATION REQUESTS FOR ALTERNATE RESPONDENT	As requested by respondent, interviewer provides any or all of the following information: <i>“Your answers to four questions about aircraft noise will be confidential, and will never be associated with you individually.”</i> <i>“The information that you provide will be used to help in the design and operation of future supersonic aircraft.”</i> <i>“Your telephone number was selected as part of a carefully designed sample of people living in your neighborhood.”</i> <i>“Your participation in this interview is of course voluntary, but it would be very helpful to NASA if you could answer four quick questions. No further information is available about this interview.”</i>	NONE RECORDED	ITEM 1
ITEM 1	<i>“Have you noticed any aircraft noise while you’ve been at home today?”</i>	YES/NO	ITEM 2

ITEM	WORDING	RESPONSE	NEXT ITEM/ACTION
ITEM 2	<i>“Did you notice a sonic boom within the last fifteen minutes?”</i>	YES ----- NO	ITEM 3 ----- ITEM 4a
ITEM 3	<i>“Were you bothered or annoyed by the sonic boom?”</i>	YES/NO	
ITEM 4	<i>“Do you know whether NASA has interviewed any other member of your household about sonic booms?”</i>	YES/NO	TERMINATE INTERVIEW
TERMINATE INTERVIEW	<i>“Thank you for your time assisting NASA.”</i>	NONE	END OF INTERVIEW

II. LIVE AGENT CONTACT ATTEMPTS TO KNOWN WIRELESS NUMBERS

ITEM	WORDING	RESPONSE	NEXT ITEM/ACTION
INTRODUCTION	<i>“This is a call on behalf of NASA, the National Aeronautics and Space Administration. NASA is planning flight tests of an experimental supersonic airplane, and would like a moment of your time to answer four quick questions about aircraft noise that you may have heard today.”</i>	NONE	SAFETY QUESTION
SAFETY QUESTION	<i>“If you are driving a car right now, we’ll have to postpone this interview. Please hang up, and please excuse the call. If it’s safe to continue, please press any key on your dial pad.”</i>	NO RESPONSE FOR FIVE SECONDS IS CODED AS A BREAK-OFF ----- ANY KEY ON DIAL PAD	TERMINATE CONTACT ATTEMPT ----- ADDITIONAL INFORMATION REQUEST 1

ITEM	WORDING	RESPONSE	NEXT ITEM/ACTION
ADDITIONAL INFORMATION REQUESTS	<p>Interviewer provides any or all of the following information, as requested by respondent:</p> <p><i>“Your answers to four questions about aircraft noise will be confidential, and will never be associated with you individually.”</i></p> <p><i>“The information that you provide will be used to help in the design and operation of future supersonic aircraft.”</i></p> <p><i>“Your telephone number was selected as part of a carefully designed sample of people living in your neighborhood.</i></p> <p><i>“Your participation in this interview is of course voluntary, but it would be very helpful to NASA if you could answer four quick questions. No further information is available about this interview.”</i></p>		AGE ELIGIBILITY QUESTION
AGE ELIGIBILITY QUESTION	“Are you 18 or older?”	<p>YES</p> <p>-----</p> <p>NO</p>	<p>ITEM 1</p> <p>-----</p> <p><u>INELIGIBLE RESPONDENT</u></p>
INELIGIBLE RESPONDENT	“Thank you for your time, but we are only able to interview people 18 years old or older.”	NONE	TERMINATE INTERVIEW
ITEM 1	“Have you noticed any aircraft noise while you’ve been at home today?”	YES/NO	ITEM 2
ITEM 2	“Did you notice a sonic boom within the last fifteen minutes?”	<p>YES</p> <p>-----</p> <p>NO</p>	<p>ITEM 3</p> <p>-----</p> <p>ITEM 4</p>
ITEM 3	“Were you bothered or annoyed by the sonic boom?”	YES/NO	

ITEM	WORDING	RESPONSE	NEXT ITEM/ACTION
ITEM 4	<i>“Do you know whether NASA has interviewed any other member of your household about sonic booms?”</i>	YES/NO	TERMINATE INTERVIEW
TERMINATE INTERVIEW	<i>“Thank you for your time assisting NASA.”</i>	NONE	END OF INTERVIEW

III: AUTOMATED CONTACT ATTEMPTS TO PRESUMED LANDLINE NUMBERS

ITEM	WORDING	RESPONSE	NEXT ITEM/ACTION
INTRODUCTION	<i>“This is a call on behalf of NASA, the National Aeronautics and Space Administration. NASA is planning flight tests of an experimental supersonic airplane, and would like a moment of your time to answer four quick questions about aircraft noise that you may have heard today.”</i>	NONE	ADDITIONAL INFORMATION OFFER
ADDITIONAL INFORMATION OFFER	<i>“If you would like further information about this interview, please press 9 at any time.”</i>	NO RESPONSE FOR THREE SECONDS ----- 9	AGE ELIGIBILITY QUESTION ----- ADDITIONAL INFORMATION REQUESTS
ADDITIONAL INFORMATION 1	<i>“Your answers to four questions about aircraft noise will be confidential, and will never be associated with you individually.”</i>	NO RESPONSE FOR THREE SECONDS ----- 9	AGE ELIGIBILITY QUESTION ----- ADDITIONAL INFORMATION 2
ADDITIONAL INFORMATION 2	<i>“The information that you provide will be used to help in the design and operation of future supersonic aircraft.”</i>	NO RESPONSE FOR THREE SECONDS ----- 9	AGE ELIGIBILITY QUESTION ----- ADDITIONAL INFORMATION 3
ADDITIONAL INFORMATION 3	<i>“Your telephone number was selected as part of a carefully designed sample of people living in your neighborhood. If you would like further information about this interview, press 9 again.”</i>	NO RESPONSE FOR THREE SECONDS ----- 9	AGE ELIGIBILITY QUESTION ----- ADDITIONAL INFORMATION 4

ITEM	WORDING	RESPONSE	NEXT ITEM/ACTION
ADDITIONAL INFORMATION 4	<i>“Your participation in this interview is of course voluntary, but it would be very helpful to NASA if you could answer four quick questions. No further information is available about this interview.”</i>	NONE	INTRODUCTION FOR ALTERNATE RESPONDENT
AGE ELIGIBILITY QUESTION	<i>“Please press 1 if you are 18 or older.”</i>	1 ----- ANY OTHER KEY	ITEM 1 ----- INELIGIBLE RESPONDENT
INELIGIBLE RESPONDENT	<i>“Thank you for your time, but we are only able to interview people 18 years old or older. Please press 1 if an adult member of your household is available for interview at this time”</i>	1 ----- ANY OTHER KEY	ALTERNATE RESPONDENT ----- TERMINATE INTERVIEW
ALTERNATE RESPONDENT	<i>“Please press 1 when you are ready to start.”</i>	NO RESPONSE ----- 1	REPEAT ITEM FOR 30 SECONDS AT 1 SECOND INTERVALS, THEN TERMINATE INTERVIEW ----- INTRODUCTION FOR ALTERNATE RESPONDENT
INTRODUCTION FOR ALTERNATE RESPONDENT	<i>“This is a call on behalf of NASA, the National Aeronautics and Space Administration. NASA is planning flight tests of an experimental supersonic airplane, and would like a moment of your time to answer four quick questions about aircraft noise that you may have heard today.”</i>	NONE	ADDITIONAL INFORMATION OFFER
ADDITIONAL INFORMATION OFFER	<i>“If you would like further information about this interview, press 9 at any time.”</i>	NO RESPONSE FOR THREE SECONDS ----- 9	ITEM 1 ----- ADDITIONAL INFORMATION OFFER 1 FOR ALTERNATE RESPONDENT

ITEM	WORDING	RESPONSE	NEXT ITEM/ACTION
ADDITIONAL INFORMATION OFFER 1 FOR ALTERNATE RESPONDENT	<i>“Your answers to four questions about aircraft noise will be confidential, and will never be associated with you individually.”</i>	NO RESPONSE FOR THREE SECONDS ----- 9	ITEM 1 ----- ADDITIONAL INFORMATION OFFER 2 FOR ALTERNATE RESPONDENT
ADDITIONAL INFORMATION OFFER 2 FOR ALTERNATE RESPONDENT	<i>“The information that you provide will be used to help in the design and operation of future supersonic aircraft.”</i>	NO RESPONSE FOR THREE SECONDS ----- 9	ITEM 1 ----- ADDITIONAL INFORMATION OFFER 3 FOR ALTERNATE RESPONDENT
ADDITIONAL INFORMATION OFFER 3 FOR ALTERNATE RESPONDENT	<i>“Your telephone number was selected as part of a carefully designed sample of people living in your neighborhood.”</i>	NO RESPONSE FOR THREE SECONDS ----- 9	ITEM 1 ----- ADDITIONAL INFORMATION OFFER 4 FOR ALTERNATE RESPONDENT
ADDITIONAL INFORMATION OFFER 4 FOR ALTERNATE RESPONDENT	<i>“Your participation in this interview is of course voluntary, but it would be very helpful to NASA if you could answer four quick questions. No further information is available about this interview.”</i>	NONE	ITEM 1
ITEM 1	<i>“Have you noticed any aircraft noise while you’ve been at home today?”</i>	YES/NO	ITEM 2
ITEM 2	<i>“Did you notice a sonic boom within the last fifteen minutes?”</i>	YES ----- NO	ITEM 3 ----- ITEM 4
ITEM 3	<i>“Were you bothered or annoyed by the sonic boom?”</i>	YES/NO	ITEM 4a

ITEM	WORDING	RESPONSE	NEXT ITEM/ACTION
ITEM 4	<i>“Please press 1 if you know that NASA has interviewed another member of your household about these matters. Please press 2 if you don’t know whether NASA has interviewed any other household member about sonic booms.”</i>	1 / 2	TERMINATE INTERVIEW
TERMINATE INTERVIEW	<i>“Thank you for your time assisting NASA.”</i>	NONE	END OF INTERVIEW

IV. AUTOMATED CONTACT ATTEMPTS TO KNOWN WIRELESS NUMBERS

ITEM	WORDING	RESPONSE	NEXT ITEM/ACTION
INTRODUCTION	<i>“This is a call on behalf of NASA, the National Aeronautics and Space Administration. NASA is planning flight tests of an experimental supersonic airplane, and would like a moment of your time to answer four quick questions about aircraft noise that you may have heard today.”</i>	NONE	SAFETY QUESTION
SAFETY QUESTION	<i>“If you are driving a car right now, we’ll have to postpone this interview. Please hang up, and please excuse the call. If it’s safe to continue, please press any key on your dial pad.”</i>	NO RESPONSE FOR FIVE SECONDS IS CODED AS A BREAK-OFF ----- ANY KEY ON DIAL PAD	TERMINATE CONTACT ATTEMPT ----- ADDITIONAL INFORMATION OFFER
ADDITIONAL INFORMATION OFFER	<i>“If you would like further information about this interview, please press 9 at any time.”</i>	NO RESPONSE FOR THREE SECONDS ----- 9	AGE ELIGIBILITY QUESTION ----- ADDITIONAL INFORMATION OFFER 1
ADDITIONAL INFORMATION OFFER 1	<i>“Your answers to four questions about aircraft noise will be confidential, and will never be associated with you individually.”</i>	NO RESPONSE FOR THREE SECONDS ----- 9	AGE ELIGIBILITY QUESTION ----- ADDITIONAL INFORMATION OFFER 2
ADDITIONAL INFORMATION OFFER 3	<i>“The information that you provide will be used to help in the design and operation of future supersonic aircraft. If you would like further information about this interview, press 9 again.”</i>	NO RESPONSE FOR THREE SECONDS ----- 9	AGE ELIGIBILITY QUESTION ----- ADDITIONAL INFORMATION OFFER 3

ITEM	WORDING	RESPONSE	NEXT ITEM/ACTION
ADDITIONAL INFORMATION OFFER 3	<i>“Your telephone number was selected as part of a carefully designed sample of people living in your neighborhood.”</i>	NO RESPONSE FOR THREE SECONDS ----- 9	AGE ELIGIBILITY QUESTION ----- ADDITIONAL INFORMATION OFFER 4
ADDITIONAL INFORMATION OFFER 4	<i>“Your participation in this interview is of course voluntary, but it would be very helpful to NASA if you could answer four quick questions. No further information is available about this interview.”</i>	NONE	AGE ELIGIBILITY QUESTION
AGE ELIGIBILITY QUESTION	<i>“Please press 1 if you are 18 or older.”</i>	1 ----- ANY OTHER KEY	ITEM 1 ----- <u>INELIGIBLE RESPONDENT</u>
INELIGIBLE RESPONDENT	<i>“Thank you for your time, but we are only able to interview people 18 years old or older.”</i>	NONE	TERMINATE INTERVIEW
ITEM 1	<i>“Have you noticed any aircraft noise while you’ve been at home today?”</i>	YES/NO	ITEM 2
ITEM 2	<i>“Did you notice a sonic boom within the last fifteen minutes?”</i>	YES ----- NO	ITEM 3 ----- ITEM 4a
ITEM 3	<i>“Were you bothered or annoyed by the sonic boom?”</i>	YES/NO	ITEM 4a
ITEM 4	<i>“Please press 1 if you know that NASA has interviewed another member of your household about these matters. Please press 2 if you don’t know whether NASA has interviewed any other household member about sonic booms.”</i>	1 / 2	TERMINATE INTERVIEW
TERMINATE INTERVIEW	<i>“Thank you for your time assisting NASA.”</i>	NONE	END OF INTERVIEW

