

QSF18 Single Event

Note: The survey will not be openly available online. Each participant will receive a unique link so that only those who are enrolled can complete the surveys. All surveys are timed stamped, both start and finish.

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Location verification with sonic thump inquiry



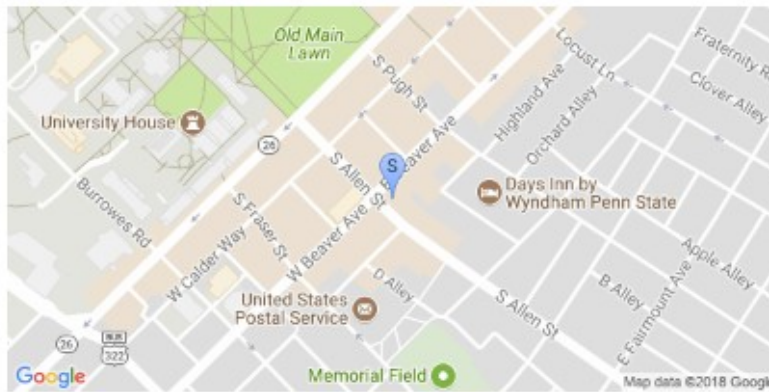
PennState

This information collection meets the requirements of 44 U.S.C § 3507 as amended by section 2 of the Paperwork Reduction Act of 1995. The OMB control number for this collection is 2700-XXXX, which expires on MM/DD/YYYY. We estimate that it will take 2 minutes to read the instructions and answer the questions. Send any comments relating to our time estimate to gsf18@nasa.gov.

**Quiet Supersonic Flights 2018
Subjective Response**

Single Event Response Form

Verify your location at the time of the sonic thump...



Latitude, Longitude

40.793394899999996,-77.8600012

Is your location at the time of the sonic thump shown correctly on the map above?

- Yes
- No

>>

If verification of location is No, obtain address. Then inquire if participants heard a sonic thump.



PennState

Please provide the nearest street address to your location at the time of the sonic thump if the automated location is not correct.

- Home (or within a 5-minute walk of home)
- Work (or within a 5-minute walk of work)
- Somewhere else



Somewhere else selected:



PennState

Please provide that location

Street address

Zip code

Did you hear a sonic thump?

Yes

No

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If No sonic thump heard, thank respondent and record response.



PennState

We thank you for your time spent taking this survey.
Your response has been recorded.



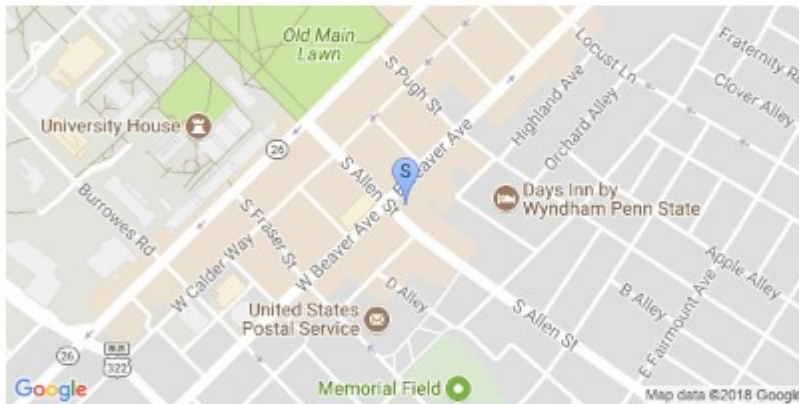
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Quiet Supersonic Flights 2018 Subjective Response

Single Event Response Form

Verify your location at the time of the sonic thump...



Latitude, Longitude


40.793394899999996,-77.8600012

Is your location at the time of the sonic thump shown correctly on the map above?

- Yes
- No

>>

If location is verified, inquire if heard sonic thump.



PennState


Did you hear a sonic thump?

Yes

No

<< >>

Date and time of sonic thump

**PennState**

Date of the sonic thump.

- Monday, November 5
- Tuesday, November 6
- Wednesday, November 7
- Thursday, November 8
- Friday, November 9
- Saturday, November 10
- Sunday, November 11
- Monday, November 12
- Tuesday, November 13
- Wednesday, November 14
- Thursday, November 15

Time of the sonic thump (Hour: Minute using 12 hour format):
Note: 12:00AM in midnight, 12:00 PM in noon.

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Annoyance and perceptual response questions



PennState

How much did the sonic thump bother, disturb, or annoy you?

- Not at all annoyed
- Slightly annoyed
- Moderately annoyed
- Very annoyed
- Extremely annoyed

How loud was the sonic thump?

- Not at all loud
- Slightly loud
- Moderately loud
- Very loud
- Extremely loud

How much did the sonic thump interfere with your activity?

- No Interference
- Slightly Interfering
- Moderately Interfering
- Very Interfering
- Extremely Interfering

How loud was the background noise at the time of the sonic thump?

- Not heard/Not at all loud
- Slightly loud
- Moderately loud
- Very loud
- Extremely loud

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Vibration and startle questions



PennState

Vibration is a motion. The motion may be seen, felt or heard. Rattle is a type of noise that can occur when objects move due to a vibration. Did you see, hear, or feel vibration or rattle?


Yes
 No

Did the sonic thump startle you?

Yes
 No

<< >>

Windows open or closed



PennState

If you were indoors when you heard the sonic thump, were your windows open or closed?

Open
 Closed
 I was not indoors

<< >>

Additional comments



 **PennState**

Please enter any additional comments

End of Single Event Thank You

