

NASA Transonic Dynamics Tunnel (TDT) Capability Utilization Assessment External Stakeholder Feedback

Thank you for agreeing to provide feedback to NASA. Your responses are most helpful to us if provided on or before April 2, 2024. Responses and any questions should be emailed to Colleen.A.Withrow@nasa.gov. If there are additional individuals in your organization who have participated in this program, you may provide this feedback form to them.

1. Name and location of organization:
2. Organization type (choose one):
Academia, DoD, Classified, US Commercial, Other US Govt Agency, International Commercial, International Govt. Agency
3. Have you previously tested at TDT? If you have not, was it due to scheduling, cost, or some other reason?
4. What alternative ground test facilities are, or could you consider for aeroelastic testing?
5. Please rate NASA's performance on maintaining the TDT capabilities over the past 10 years.

Highly Dissatisfied					Highly Satisfied
1	2	3	4	5	

If highly satisfied or highly dissatisfied, in particular, please explain why.

6. Value of TDT testing capability
 - a. What are the advantages of using NASA's TDT?
 - b. What are the disadvantages of using NASA's TDT?
7. Future Testing Needs
 - a. Do you have tests in the next 10 years that would use TDT?
 - b. Do you have tests in the next 10 years that you are considering other similar type facilities?
 - c. What factors would encourage or discourage you from testing at TDT?
 - d. Are there any improvements to the facility that you would like to see?
 - e. NASA is interest in your organization's possible TDT Utilization from 2025 to 2034 as we consider improvement. To the extent you have information for upcoming projects, please provide the following information:
 - i. projected test's names
 - ii. organization performing test?
 - iii. fiscal year(s) of test
 - iv. estimated days or weeks of tunnel occupation.
 - v. probability of test happening
 - vi. could it be performed at an alternative facility - why/why not & which facility(s)?
8. Where do you think current and future computational simulation is going? Can it replace TDT type testing in the next 10 years?

9. Any other comments or feedback related to TDT that the study team should consider?

Thank you for your time and input!
TDT Capability Utilization Assessment Team

PRIVACY ACT STATEMENT: The information in this form will be used as one piece of the TDT assessment determining NASA and National capabilities and needs for aeroelasticity and rigid body dynamic stability wind tunnel testing.

AUTHORITY: The collection is authorized by 42 U.S.C. 2451, et seq., the National Aeronautics and Space Act of 1958, as amended.

PURPOSE: This information is being collected and maintained for the purpose of determining the user community opinions of the TDT in regard to uniqueness, state of CFD, and alternate test capabilities.

ROUTINE USES: Use and disclosure of your records within and outside of NASA may occur in accordance with the NASA Security Records Systems (NASA 10SECR) system of records notice published at <https://www.federalregister.gov/documents/2023/08/08/2023-16900/privacy-act-of-1974-system-of-records> and as permitted by the Privacy Act of 1974, as amended (5 U.S.C. 552a(b)).

DISCLOSURE: Failing to provide the requested information will have no impact on your future testing needs.

Paperwork Reduction Act Statement: This information collection meets the requirements of 44 U.S.C 3507, as amended by section 2 of the Paperwork Reduction Act of 1995. You do not need to answer these questions unless we display a valid Office of Management and Budget control number. The OMB control number for this information collection is 2700-0153 and it expires on 07/31/2024. We estimate that it will take about 15 minutes to read the instructions, gather the facts, and answer the questions. You may send comments on our time estimate above to Colleen.A.Withrow@nasa.gov