



Improving life on Earth, one technology at a time

Attention all SBIR/STTR Contractors, please submit your reports via the [Electronic Handbook \(EHB\)](#)

A New Technology Report (NTR) is the first step in helping NASA make the most of your technology



Report your NTR or NTSR

SIGN IN

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Login

Create Guest Account

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NASA Form 1679 (NF1679) - Disclosure of Invention and New Technology (Including Software):
(Use when a new technology/invention is developed). You may either log in above and fill out the electronic version of the NF1679 or download the [PDF](#) or [Word](#) version to be sent via email to your NASA center.

What qualifies as new technologies and innovations is very broad. They include any invention, discovery, improvement, or innovation that was either conceived or first actually reduced to practice in the performance of NASA work. This includes any new and useful processes, machines, manufacture, or composition of matter; or any new and useful improvement in existing processes, machines, manufacture, or compositions of matter. Also included are new computer programs, and improvements to, or new applications of, existing computer programs, whether or not copyrightable. A

representative list of new technologies and innovations includes, but is not limited to: new or improved techniques, products, devices, materials, methods, processes, chemical compositions, systems, machines apparatuses, articles, fixtures, tools, or software.

Interim New Technology Summary Report (NTSR): a listing (every 12 months from the start of the Contract) of all new technologies (inventions and/or innovations) developed during the reporting period, or certification that there were none.

Final New Technology Summary Report (NTSR): a listing (prior to the Contract closeout) of all new technologies (inventions and/or innovations) developed during performance of the Contract, or certification that there were none.

NASA prefers that contractors/grantees/recipients use the NASA NTSR form, by way of the New Technology Reporting System when submitting an NTSR.

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 2700-0052 and it expires on 06/30/2020. We estimate that it will take about eight (8) hours to read the instructions, gather the facts, answer the questions, and transmit. You may send comments on our time estimate above to: Peter Tran, Ames Research Center, Moffett Field, CA. 94035. Send only comments relating to our time estimate to this address, not the completed form.



National Aeronautics and Space Administration


NASA Official: Dan Lockney

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Welcome to your home page! You can always come back by clicking the [Home](#) button at the top of any page.




Report

Submit a new NTR or a new NTSR to report your new technology or summary report.



Dashboard

Visit your [dashboard](#) to access and review your NTRs and NTSRs.



Address Book

Store an innovator's contact information in your [address book](#) to use for future NTR submissions.

NTR:

- PROGRESS / NAVIGATION**
- Title**
- Innovators
 - Additional Reviewers
 - Brief Abstract
 - Problem/Objective
 - Description
 - Unique or Novel Features
 - Commercialization Potential
 - Software
 - State of Development
 - Additional Documentation
 - Restrictive Notices
 - Public Disclosures
 - Intellectual Property
 - Related Technologies
 - Funding Mission Directorate
 - Submit

New technology title (max characters: 500):

Which NASA Center does this New Technology Report belong to? [?](#)

Internal Docket Number/Contractor Tracking Number: [?](#)

Save and Finish Later

Continue

PROGRESS / NAVIGATION

Title

Innovators

Additional Reviewers

Brief Abstract

Problem/Objective

Description

Unique or Novel Features

Commercialization Potential

Software

State of Development

Additional Documentation

Restrictive Notices

Public Disclosures

Intellectual Property

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Funding Mission Directorate

Submit

Add innovators to this report:

Import From Address Book

Add Innovator Manually

#	First Name	Last Name	Email	Contract Number	
No items to display					

Save and Finish Later

Continue

Innovator's Information



Email Address:

Innovator #:

1

Prefix:

Current Title:

First Name:

Middle Name:

Last Name:

Suffix:

Phone Number:

Org Codes:

Select All Roles That Apply:

POC

Software Author

Contributor

Is this innovator an inventor on this technology? [?](#)

An Inventor is defined as: An individual who creatively contributed in the making of the invention such as: helped conceive an element or step of the invention or helped conceive any new improvements on an element or step of the invention.

Yes

No

Unsure

Place of Performance When Innovation Was Made

Employer Name When Innovation Was Made:

Department/Division:

Address:

City:

State:

Zip Code:

Country:

Current Employer Information

Same As Above

Employer Name:

Department/Division:

Address:

City:

State:

Zip Code:

Country:

Foreign Address [?](#)

Contract/Grant Information

Employer Status:

Contract Number: [?](#)

Contract Type:

Add

Add & Dismiss

Cancel



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New Technology Reporting System



PROGRESS / NAVIGATION

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Do you have any additional reviewers or Company New Tech (NT) Reps to add to this technology?

- Yes
 No

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Brief abstract:

Describe your technology

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Description of the problem or objective that motivated the innovation's development:

General description of problem/objective or unique problem characteristics

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Technically complete description of innovation:

Purpose and description of innovation/software and explanation of mode of operation referring to drawings, sketches, photographs, graphs, flow charts, and/or parts or ingredient lists illustrating the components; functional operation; alternate embodiments of the innovation/software and supportive theory.

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Unique or novel features:

Provide brief details focused on what component(s) or method step(s) differentiate(s) the new technology from other similar technologies (aka the "secret sauce"). Include as attachments any presentations, images, flowcharts, etc. that help identify the unique component(s) or method step(s). If there are no unique component(s) and method step(s) (e.g., NTR submitted only for software release), state "None."

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Commercialization potential:

Identify other applications for this technology beyond the specific NASA use. What type of industries would be most applicable for this technology? Are there related commercial products that you're aware of that would benefit from this technology? List any companies that you've contacted or think may be interested in using this technology.

Degree of technical significance:

- Modification to Existing Technology
- Substantial Advancement in the Art
- Major Breakthrough

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Does this technology include custom software, developed wholly or in part under NASA funding?

- Yes
- No

Is this technology primarily a software product or computer program technology (versus primarily a hardware technology)?

- Yes
- No

Could the software be used or adapted for other applications outside of your project?

- Yes
- No

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State of development:

- Concept Only
- Design
- Prototype
- Modification
- Production Model
- Used in Current Work

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Do you have any additional documentation to add to this report?

- Yes
- No

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Does the invention or software being reported contain any restrictive notices or other indication that it includes proprietary/restricted information of a non-Government entity? (copyright, proprietary, applicable licenses, Limited Rights/Restricted Rights, SBIR rights, etc.)

- Yes
- No

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Are there any publications or public disclosures to report for this technology?

- Yes
- No

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Intellectual Property

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Has any intellectual property protection (patents or copyright) been sought for this technology?

- Yes
- No

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Related Technologies

- Funding Mission Directorate
- Submit

Does this new technology have any related technologies (past or current New Technology Reports)?

- Yes
- No

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New Technology Reporting System

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Funding mission directorate (for more information on NASA mission directorates click [here](#)):

- Aeronautics Research Mission Directorate
- Human Exploration and Operations Mission Directorate
- Science Mission Directorate
- Space Technology Mission Directorate
- SBIR
- Other

Project name:

- Unknown; the project this technology has been developed under is unknown
- Not applicable; this technology is not associated with a funded project

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NTSR

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New Technology Reporting System

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PROGRESS / NAVIGATION

- Contract Number**
- Company Information
- COR Name
- Kind of Report
- Type of Business
- Review Submitted Reports
- Subcontracts
- Complete

Contract number:

NASA center:

Completion date:

Project Title:

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PROGRESS / NAVIGATION

Contract Number

Company Information

COR Name

Kind of Report

Type of Business

Review Submitted Reports

Subcontracts

Complete

Company name:

Company address:

Company POC:

POC phone:

POC email address:

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PROGRESS / NAVIGATION

Contract Number

Company Information

COR Name

Kind of Report

Type of Business

Review Submitted Reports

Subcontracts

Complete

Contracting officer's representative (COR) name:

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PROGRESS / NAVIGATION

- Contract Number
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- COR Name

Kind of Report

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Which kind of report is this?

- Interim report
- Final report

Reporting period start date:

Reporting period end date:

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PROGRESS / NAVIGATION

- Contract Number
- Company Information
- COR Name
- Kind of Report

Type of Business

- Review Submitted Reports
- Subcontracts
- Complete

Type of business:

- Small Business
- Large Entity
- College/University
- Non-profit

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PROGRESS / NAVIGATION

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- Type of Business

Review Submitted Reports

- Subcontracts
- Complete

Have any New Technology Items resulted from work performed under this Funding Agreement during this reporting period?

- Yes
- No

Are you disclosing any New Technology Items with this summary report?

- Yes
- No

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PROGRESS / NAVIGATION

- Contract Number
- Company Information
- COR Name
- Kind of Report
- Type of Business
- Review Submitted Reports

Subcontracts

- Complete

Have you flowed down the patent clause to your subcontractors?

- Yes
- No subcontractors

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