

**NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
INVENTIONS AND CONTRIBUTIONS BOARD
SPACE ACT AWARD APPLICATION**

BACKGROUND:**THE NASA SPACE ACT MONETARY AWARDS PROGRAM FOR SIGNIFICANT SCIENTIFIC AND TECHNICAL CONTRIBUTIONS**

The objectives of this program are to provide official recognition of, and to grant equitable monetary awards for those inventions and other scientific and technical contributions that have helped to achieve NASA's aeronautical, commercialization, and space goals; and to stimulate and encourage the creation and reporting of similar contributions in the future. To accomplish these objectives, the Inventions and Contributions Board is authorized to recommend the granting of monetary awards in amounts up to \$100,000 in accordance with the provisions of the National Aeronautics and Space Act of 1958, and to grant monetary awards in amounts up to \$10,000 in accordance with the provisions of the Government Employees Incentive Awards Act of 1954. Space Act awards can be made to any person with no restriction as to employer, and in accordance with the regulations as specified in the Federal Register Vol. 55, No. 5, (14 CFR Part 1240). Awards made under the authority of the Incentive Awards Act can be made to U.S. Government employees only.

GUIDELINES:

In determining the merits of an invention or a contribution, the Board depends primarily on the information provided by the contributor(s)/technical evaluator in the Space Act Award Application. Furthermore, the Board recognizes that NASA technical personnel are the best sources of reliable information concerning contributions made by employees of NASA or by employees of NASA's contractors whose activities are under their cognizance. For this contribution, it is appropriate for the contributor(s)/ technical evaluator to supply the information that the Board requires in order to make a recommendation that is equitable to both the contributor(s) and NASA. We are therefore asking you to assist the Board by completing, accurately and thoroughly, the application which follows these explanatory remarks. For your convenience we suggest that you familiarize yourself with the contents of the application by reading it completely before answering the questions. Please provide all pertinent facts, specific details, explanations, and opinions regarding seven important factors that characterize the contribution. These factors are: (1) Description, (2) Significance, (3) Stage of Development, (4) Use, (5) Creativity, (6) Recognition and (7) Tangible Value. The Board welcomes any additional information that you believe will contribute to the completeness of its deliberations. If you find it necessary to modify or expand the format of the application in order to provide such extra information, please do so.

REQUIRED DOCUMENTATION AND AWARDS LIAISON OFFICE RESPONSIBILITY:

Please be thorough and candid with your evaluation. Each section must be filled in, and where appropriate, signed by the evaluators. **In no case should the evaluator be identified as a contributor.** The full legal name, employer's name and percentage contribution for each contributor is mandatory and at least one NASA official must sign in Section II to attest to NASA's sponsorship, adoption, support or use of the contribution. If any supplementary materials are provided; e.g., additional sheets, technical papers, engineering drawings, videotape, audio cassettes, photographs, computer diskettes, etc., each must be marked and identified by the NASA Case Number and be converted to electronic format. The names and contact information for individuals familiar with the contribution would be helpful for evaluation.

The Awards Liaison Officer of the NASA Center where the contribution is supported is responsible for accepting the application and subsequent submission to the Board. Please ensure that the contributors have signed a Privacy Act statement such as that forwarded to the Awards Offices by the ICB on May 13, 1992. All contributions should be officially reported to NASA by submission of Form 1679 Disclosure of Invention and New Technology (Including Software). In no case may a software innovation be reported on this form unless the software has been officially released by NASA to qualified users and reported to the ICB.

The Board sincerely appreciates the time and effort you will devote to the completion of the Space Act Award Application. We pledge to take prompt action to review and process your application. It is our intent to expeditiously reward excellence.

NASA Case Number:	Date:
SECTION I. SPACE ACT AWARD APPLICATION	
TITLE:	

1. DESCRIPTION

- a. Briefly describe the contribution. In addition, if peer-reviewed publications by contributors have been accepted on this topic in refereed journals or for refereed conference papers, please attach a copy with this form as a supplement.

- b. In what NASA program, project or mission has this contribution been used or will be utilized and to what extent? *(Include any non-aerospace commercialization applications).*

- c. Provide details describing how the contribution works or operates relative to system, subsystem, components, etc.

2. SIGNIFICANCE

- a. Explain why the contribution is significant: scientifically, technologically, or from a humanitarian viewpoint, to the aeronautics, space community, and non-aerospace commercial activities.

- b. Estimate the degree of scientific or technological significance by a marking a box below:

0 <input type="checkbox"/>	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>
None	Modest	Average	Major	Maximum

- c. Estimate the significance of the contribution relative to a specific NASA program or mission by marking a box below:

0 <input type="checkbox"/>	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>
None	Modest	Average	Major	Maximum

3. STAGE OF DEVELOPMENT: Indicate the stage of development of the contribution by a mark on the line below.

- | | | | | |
|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| 0 <input type="checkbox"/> | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> | 3 <input type="checkbox"/> | 4 <input type="checkbox"/> |
| Concept | Stimulated | Tested | Fully Developed | Operational |

NASA Case Number: _____

4. ASSESSMENT OF USE

- a. If the contribution is now in operation, describe its performance and value within both the aerospace field and its application to non-aerospace commercial and government uses.
- b. If the contribution is not now in operational use, describe its most likely or previous applications and the extent of commercial,(includes non-aerospace commercialization) government and/or NASA-specific uses.
- c. Will the contribution increase in value or in its applications over time and in what manner?

5. CREATIVITY

What is your assessment of the creativity displayed in the conduct of this contribution, relative to the expected performance of those in similar positions?

0

None

1

Low

2

Modest

3

Average

4

High

5

Very High

6. RECOGNITION

What forms of recognition have been received by the contributors for this contribution? Have previous Board Action Awards been made to the contributor(s) for this accomplishment? Please list dates and Board Award amounts.

7. TANGIBLE VALUE

As a measure of the tangible value of this contribution, estimate the following:

- a. NASA cost savings to date and in future years. State the rationale for the below cost estimates.
- b. Current market value and potential as a commercial product or process.
- c. Other measurable value: increased efficiency, enabling technology, improved management, etc.

APPLICANT'S SIGNATURE: _____

DATE: _____

NASA Case Number: _____

SECTION II. COMMENTS AND CONCURRENCE

1. EVALUATOR (required signature)

I recommend do not recommend a Space Act Award for this contribution for the following reasons:

<i>Printed Name and Signature</i>	<i>Title</i>	<i>Date</i>
<i>NASA Installation</i>	<i>Contractor</i>	<i>Other</i>

2. EVALUATOR'S SUPERVISOR

I support do not support a Space Act Award for this contribution for the following reasons:

<i>Printed Name and Signature</i>	<i>Title</i>	<i>Date</i>
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3. TECHNICAL MANAGEMENT (required signature)

I support do not support a Space Act Award for this contribution for the following reasons. Further, I verify that the contribution is significant to NASA Aeronautics and Space Activities and that NASA has adopted, supported, sponsored, or used this scientific or technical contribution.

<i>Printed Name and Signature</i>	<i>Title</i>	<i>Date</i>
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4. TECHNOLOGY TRANSFER MANAGEMENT (required signature)

I support do not support a Space Act Award for this contribution for the following reasons.

<i>Printed Name and Signature</i>	<i>Title</i>	<i>Date</i>
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NASA Case Number: _____

SECTION III. TO BE COMPLETED BY AWARDS LIAISON OFFICER

5. IDENTIFICATION OF CONTRIBUTORS (use NASA Form 1329B to list additional contributors, if necessary)

<i>Contributor Name</i>	<i>Employer</i>	<i>Percentage of Contribution</i>
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

6. PATENT INFORMATION

Patent applied for? Yes No Patent Granted? Yes No
 Application filed by: Government License Granted? Yes No
 Non-Government

Serial Number or Patent Number *Company Name* *Date Filed or Granted*

7. EVALUATION NUMBER 1 2 3

8. BUSINESS ADDRESS(ES) OF CONTRIBUTORS, IF OTHER THAN NASA EMPLOYEES (use NASA Form 1329B to list additional contributors, if necessary)

<i>Contributor Name</i>	<i>Address</i>
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

9. AWARD LIAISON OFFICER COMMENTS AND SIGNATURE (required signature):
Comments:

Printed Name and Signature *Date*