

SECTION I – DESCRIPTION OF THE PROBLEM OR OBJECTIVE THAT MOTIVATED THE INNOVATION’S DEVELOPMENT *(Enter as appropriate:*

A. – General description of problem/objective; B. – Key or unique problem characteristics; C. – Prior art, i.e., prior techniques, methods, materials, or devices performing function of the innovation, or previous means for performing function of software; and D. – Disadvantages or limitation of prior art.)

SECTION II – TECHNICALLY COMPLETE AND EASILY UNDERSTANDABLE DESCRIPTION OF INNOVATION DEVELOPED TO SOLVE THE

PROBLEM OR MEET THE OBJECTIVE *(Enter as appropriate; existing reports, if available, may form a part of the disclosure, and reference thereto can be made to complete this description: A. – Purpose and description of innovation/software; B. – Identification of component parts or steps, and explanation of mode of operation of innovation/software preferably referring to drawings, sketches, photographs, graphs, flow charts, and/or parts or ingredient lists illustrating the components; C. – Functional operation; D. – Alternate embodiments of the innovation/software; E. – Supportive theory; F. – Engineering specifications; G. – Peripheral equipment; and H. – Maintenance, reliability, safety factors.)*

SECTION III – UNIQUE OR NOVEL FEATURES OF THE INNOVATION AND THE RESULTS OR BENEFITS OF ITS APPLICATION *(Enter as appropriate: A. – Novel or unique features; B. – Advantages of innovation/software; C. – Development or new conceptual problems; D. – Test data and source of error; E. – Analysis of capabilities; and F. – For software, any re-use or re-engineering of existing code, use of shareware, or use of code owned by a non-federal entity.)*

SECTION IV – SPECULATION REGARDING POTENTIAL COMMERCIAL APPLICATIONS AND POINTS OF CONTACT *(Including names of companies producing or using similar products.)*

10. ADDITIONAL DOCUMENTATION (Include copies or list below any pertinent documentation which aids in the understanding or application of the innovation (e.g., articles, contractor reports, engineering specs, assembly/manufacturing drawings, parts or ingredients list, operating manuals, test data, assembly/manufacturing procedures, etc.))

| TITLE | PAGE | DATE |
|-------|-------|-------|
| _____ | _____ | _____ |
| _____ | _____ | _____ |

11. DEGREE OF TECHNOLOGY SIGNIFICANCE (Which best expresses the degree of technological significance of this innovation?)
 Modification to Existing Technology Substantial Advancement in the Art Major Breakthrough

12. STATE OF DEVELOPMENT
 Concept Only Design Prototype Modification Production Model Used in Current Work

13. PATENT STATUS (Prior patent on/or related to this innovation.)
 Application Filed Application No. _____ Application Date _____

14. INDICATE THE DATE OR THE APPROXIMATE TIME PERIOD WHICH THIS INNOVATION WAS DEVELOPED (i.e., conceived, constructed, tested, etc.)

15. PREVIOUS OR CONTEMPLATED PUBLICATION OR PUBLIC DISCLOSURE INCLUDING DATES (Provide as applicable: A. – Type of publication or disclosure, e.g., report, conference or seminar, oral presentation; B. – Disclosure by NASA or Contractor/Grantee; and C. – Title, volume no., page no., and date of publication.)

16. QUESTIONS FOR SOFTWARE ONLY

(a) Using non-NASA employees to beta-test the program? YES NO If Yes, done under a beta-test agreement? YES NO

(b) Modification of this program continued by civil servant and/or contractual agreement? YES NO

(c) Copyright registered? YES NO UNKNOWN If Yes, then by whom? _____


(d) Has the latest version been distributed outside of NASA or contractor? YES NO UNKNOWN _____
If Yes, date of first disclosure: _____

(e) Were prior versions distributed outside of NASA or Contractor? YES NO If Yes, supply NASA or contractor contract: _____

17. DEVELOPMENT HISTORY

| STAGE OF DEVELOPMENT | DATE (MM/YYYY) | LOCATION | IDENTIFY SUPPORTING WITNESSES (NASA in-house only) |
|---|----------------|----------|--|
| a. First disclosure to others | | | |
| b. First sketch, drawing, logic chart or code | | | |
| c. First written description | | | |
| d. Completion of first model of full size device (<i>invention</i>) or beta version (<i>software</i>) | | | |
| e. First successful operational test (<i>invention</i>) or alpha version (<i>software</i>) | | | |
| f. Contribution of innovators (if jointly developed, provide the contribution of each innovator) | | | |
| g. Indicate any past, present, or contemplated government use of the innovation | | | |

18. SIGNATURES OF INNOVATOR(S), WITNESS(ES), AND NASA APPROVAL

| | | | |
|---|------|--|------|
| TYPED NAME AND SIGNATURE (<i>Innovator #1</i>) | DATE | TYPED NAME AND SIGNATURE (<i>Innovator #2</i>) | DATE |
| TYPED NAME AND SIGNATURE (<i>Innovator #3</i>) | DATE | TYPED NAME AND SIGNATURE (<i>Innovator #4</i>) | DATE |
| TYPED NAME AND SIGNATURE (<i>Witness #1</i>) | DATE | TYPED NAME AND SIGNATURE (<i>Witness #2</i>) | DATE |
| NASA  TYPED NAME | | SIGNATURE | DATE |