

Request for Waiver to NPR 1400.1 Requirements

a. Identification of the requirement (Directive and specific requirement(s)) for which the waiver is requested. - This waiver is requested to paragraph 3.2.3 of NPR 1400.1 that states: "Responsible Offices shall not include technical requirements in NASA directives. Technical requirements may be included in NASA technical standards which may then be cited in NASA directives.

Note: Technical requirements are those requirements that discuss the design, performance, operational parameters, and constraints of equipment and systems. These are requirements that would typically be contained within a system or equipment specifications). "

b. Scope (e.g., site, facility, operation, activity) and duration of the waiver request. - The scope of this waiver is for NPR 8705.2 Revision B with a duration for the life of the B revision.

c. Justification for the waiver, including:

(1) Purpose/Rationale for requesting the waiver. - This request is to allow technical requirements to be contained within NPR 8705.2 Revision B. NPR 8705.2 Revision B provides the Agency's requirements for human-rating of crewed space systems. This NPR consists of three major parts: process requirements (Chapter 1), certification requirements (Chapter 2) and technical requirements (Chapter 3). Due to the important content of this document and the close relation between the certification and technical requirements it is important to combine the two sets of requirements within a single document (in this case an NPR).

(2) Whether the application of the requirement in the particular circumstances described would conflict with another requirement. - Approval of this waiver will not conflict with other requirements.

(3) Whether application of the requirement in the particular circumstances would not achieve, or is not necessary to achieve, the underlying purpose of the requirement. - The basic intent of the NPR 1400.1 requirement is to establish common rules for content of directives so that there will not be confusion concerning the application of the requirements. It is also intended to ensure that technical content and specifications are contained within the appropriate technical standards. Due to the close coupling of the certification and technical requirements included within this draft NPR, separation into two different documents is not recommended at least with the release of this version of the document. As subsequent technical requirements are established to define requirements related to lunar or martian habitats it may be appropriate to segment these requirements into two documents.

(4) Any other pertinent data or information related to the waiver request (e.g., cost or schedule considerations). - The only other consideration is the visibility that a single document presents.

(5) Identification and justification of the acceptance of any additional risk that will be incurred if the waiver is granted. - No risk is identified.

d. Requests for waivers to environment, safety, health, and security requirements shall also address the following: (Not applicable. The requirement being waived is not a safety, health or security requirement).

(1) A description of any special circumstances that warrant granting of the waiver, including whether a) application of the requirement in the particular circumstances would not be justified by any safety and health reason; b) the waiver would result in a health and safety improvement that compensates for any detriment that would result from granting the waiver; or c) there exists any other material circumstances not considered when the requirement was adopted for which it is in the public interest to grant a waiver.

(2) A description of any alternative or mitigating action that will be taken to ensure adequate safety and health and protection of the public, the workers, and the environment for the period the waiver will be effective.

*File with NPR 8705.2B
case file when
approved*



National
Aeronautics and
Space
Administration

Routing Slip

	Mail Code	Name	Action
			Approval
1	OICMS	Ms. Jennings	Call me
			Concurrence
2			File
			Information
3			Investigate and Advise
			Note and Forward
4			Note and Return
			Per Request
5			Per Phone Conversation
			Recommendation
6			See me
			Signature
7			Circulate and Destroy

Request for Waiver to NPR 1400.1, Paragraph 3.2.3

The Office of Safety and Mission Assurance requests a waiver to NPR 1400.1, paragraph 3.2.3, for NPR 8705.2B, NASA Human-Rating Requirements for Space Systems.

Documentation of this request with the required justification is attached.

Please indicate approval (or disapproval) below:

Nanette Jennings 12/12/07

Office of Internal Controls and Management Systems

*approval sent via
email to Lynne Loewy*

Thank you.

Name	<i>L. Loewy</i>	Tel. No. (or Code) & Ext.
Lynne Loewy		202-358-0549
Code (or other designation)		Date
Office of Safety and Mission Assurance		December 7, 2007

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