



Privacy Impact Assessment (PIA)

PIA Entry Name: Flight Analog Projects

Human Spaceflight Capabilities Division

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PURPOSE OF THE PRIVACY IMPACT ASSESSMENT

The National Aeronautics and Space Administration (NASA) Privacy Impact Assessment (PIA) documents and describes the personally identifiable information (PII) NASA collects and the purpose(s) for which it collects that information; how it uses the PII internally; whether it shares the PII with external entities, and the purposes for such sharing; whether individuals have the ability to consent to specific uses or sharing of PII and how to exercise any such consent; how individuals may obtain access to the PII; and how the PII will be protected. NASA publishes its PIAs, as well as its System of Records Notices (SORNs), on the NASA public-facing website, which describes NASA's activities that impact privacy, the authority for collecting personally identifiable information (PII), and the procedures to access and have PII amended or corrected if necessary.

Reviewing Official: Stayce Hoult, Chief Privacy Officer



System Overview: NASA's Human Research Program (HRP) employs human analog missions in various environments to simulate aspects of human space exploration missions including to the Moon, asteroids, and Mars. An analog mission is an activity conducted on earth with characteristics that resemble the challenges of a space mission such as isolation and confinement. The analogs missions are used to conduct research informing the future direction of human exploration of the solar system. Analog mission participants support NASA's objectives by participating in relevant and valuable scientific research. The website provides background information on NASA analogs currently recruiting subjects to participate in these studies.

Privacy / Authorities and Other Requirements	
List all legal authorities and/or agreements that permit the collection of privacy information by the project. Explain how these authorities permit the project and the collection of privacy information. If the project collects Social Security numbers, also identify the specific statutory authority allowing it.	51 U.S.C. 20113(a) NATIONAL AND COMMERCIAL SPACE PROGRAMS and 44 U.S.C. 3101 . Records management by agency heads; general duties; collection of Human Experimental and Research Data Records.
The records in the system are covered by an existing published System of Records Notice (SORN).	Existing SORN applicable
The SORN Name and Number.	NASA 10HERD - Human Experimental and Research Data Records

Privacy Act of 1974 / Uses of the Information	
Records on individuals are or will be routinely retrieved from the system by using individual's name or other unique identifier (e.g., personal account number, UUPIC, SSN, etc. is used to locate information about an individual in the application/website/information system/paper record).	Yes

Paperwork Reduction Act / Characterization of the Information	
The record/application/website/information system collects information in a standard way (via forms, surveys, questionnaires, etc.) from 10 or more persons (e.g., members of the public and NASA contractors, and grantees).	Yes

Paperwork Reduction Act / Authorities and Other Requirements	
There is an OMB Control Number.	Yes
The OMB Control Number.	OMB Control Number 2700-0174 . Flight Analog Projects (FAP) Crew Selection Questionnaire

Privacy / Characterization of the Information	
Information is collected on the following:	NASA Contractors Government Employees Members of the public (excluding contractors and partners)
Collection contains the following:	Name Date of birth Employment status and/or records Other PII not listed above Personal cell phone number Work e-mail address Personal e-mail address Home mailing address Medical notes Military status and/or records Home Phone Number
The collection is the minimum necessary to accomplish the purpose of the collection.	Yes
Discuss the intra-Departmental sharing of information. Identify and list the name(s) of any components or directorates within the Department with which the information is shared.	Human Research Program Office within the Johnson Space Center Human Health and Performance Directorate

Privacy / Uses of the Information	
NASA will use the information in the following ways:	This collection will help to select subjects for the Analog missions for analog studies and provide opportunities to have a wide variety of subject pools. Human Research Program (HRP) is responsible for understanding and mitigating the highest risks to astronaut health and performance to ensure that crews remain healthy and productive during long-duration missions beyond low Earth orbit.
The application/website/information system stores, collects, or maintains Information in Identifiable Form (IIF).	Yes

Consent / Notice	
Does the project provide individuals notice prior to the collection of information?	Yes
If no, explain why individuals are not notified prior to collection of information.	
If yes, describe how the notice provided for the collection of information is adequate to inform those impacted.	https://analogstudies.jsc.nasa.gov/

Do individuals have opportunities to decline to provide information, or opt out of the project?	Yes
If yes, describe the process. If this is not an option, explain why not.	All highly motivated individuals with an interest in contributing to space exploration are invited to review the information and if interested to submit the application for consideration as a NASA analog crew member. Applicants may withdraw from consideration.
Do individuals have opportunities to consent to specific/targeted uses of their information?	Yes
If yes, describe the process. If this is not an option, explain why not	The applicants will review the Privacy Act Statement's Purpose : We will use the information to determine eligibility for the Flight Analog Project, including initial screening and evaluation to become a ground study subject. The information will also be used in conjunction with additional information collected via other downstream processes to assess compatibility with research protocol requirements for data collection and ground mission assignments if the applicant is selected to become a ground study subject.
The IIF is collected	Voluntary
There is a process in place for the following:	
Ensuring consent is obtained from the individuals whose IIF is stored, collected, or maintained.	Yes
Are individuals provided with notice that they have opportunities to consent to uses, decline to provide information, or opt out of the project?	Yes
If yes, describe the process. If no, explain why not.	Application has the following statement: Your responses will be reviewed. By submitting this form, you consent to adding your responses to the analog subject registry. After reviewing your responses, further information may be requested. You may withdraw your information from this registry at any time by sending an e-mail to the recruitment team at o jsc-analog-application@mail.nasa.gov
Are individuals notified of the consequences of providing information?	Yes
If yes, describe the process. If no, explain why not.	Application has the following notice: The following questions determine the flight analog study or studies for which you are best suited. Your responses will be reviewed. By submitting this form, you consent to adding your responses to the analog subject registry. After reviewing your responses, further information may be requested.

Data Retention	
Explain how long each type of information is retained. Include a justification for the retention period of each information type and how/why that period is necessary to the mission/project.	NRRS Schedule 08/101 PROGRAM AND PROJECT RECORDS

Information Sharing	
Is information shared outside of the organization as part of the normal agency operations?	No
Identify who the information is shared with, how the information is accessed, and how it is to be used.	
Describe how the external sharing noted in the previous question is compatible with the SORN noted in PIA-02.	

Redress	
What are the procedures that allow individuals to access their information?	Applicants can send an e-mail to the recruitment team at jsc-analog-application@mail.nasa.gov to access their information.
What procedures are in place to allow the subject individual to correct inaccurate or erroneous information?	Applicants can send an e-mail to the recruitment team at jsc-analog-application@mail.nasa.gov to correct their information as needed.
How does the project notify individuals about the procedures for correcting their information?	The applicants are notified upon evaluation of the request.

Auditing and Accountability	
How does the project ensure that the information is used in accordance with stated practices in this PIA?	Personnel Training and Access controls in place.
Describe what privacy training is provided to users either generally or specifically relevant to the project.	Personnel take the Annual Training Cybersecurity and Privacy Training.
What procedures are in place to determine which users may access the information and how does the project determine who has access?	Only NASA project approved personnel have access to the information.
How does the project review and approve information sharing agreements, MOUs, new uses of the information, new access to the system by organizations within the department and outside?	Information is not shared outside the organization.

Security Controls / Characterization of the Information
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Monitor and Response to privacy and/or security incidents policies.	Yes
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Security Controls / Auditing and Accountability	
Technical controls (safeguards) are in place to minimize the possibility of unauthorized access, use, or dissemination of the IIF in the application/ website/ information system/ cloud system.	Yes
Access controls.	Yes

Information Sharing Practices / Characterization of Information	
The application/website/information system/cloud systems collects IIF from other resources (e.g., databases, websites).	No
The application/website/information system/cloud system populates data for other resources (e.g., databases, websites, or external agencies, people, or organizations).	No

Accessibility, Redress, Complaints / Characterization of the Information	
There is a process in place for periodic reviews of IIF in the system to ensure data integrity, availability, accuracy, and relevance.	Yes

Web Measurement and Customizing Technology / Characterization of the Information	
The Application/Website/Information System Utilizes Web Measurement and Customization Technology (Cookies/Persistent Tracking).	No

Agency Privacy Manager (APM):

Kostka, Paul A

Midulla, Laura P

Rucker, Anh-Hong N

APM Review Decision: Concur

APM Review Date: 05/01/2026

Chief Privacy Officer (CPO):

HARRIS HOULT, STAYCE D

CPO Review Decision: Concur

CPO Review Date: 07/02/2026

CPO Digital Signature

NASA Senior Agency Information Security Officer (SAISO):

Taylor, Kelvin L

SAISO Review Decision: Concur

SAISO Review Date: 07/02/2026

NASA Senior Agency Official for Privacy (SAOP):

Gallagher, Sean M

SAOP Review Decision: Approve

SAOP Review Date: 07/02/2026