Interagency Nuclear Safety Review Board

INSRB

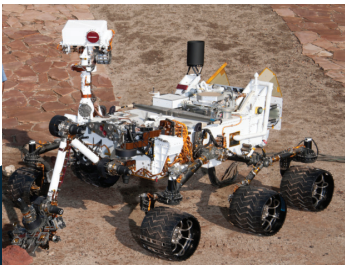*National Security Presidential Memorandum 20*

In the early 1960s, President Kennedy established criteria requiring an Interagency Nuclear Safety Review Panel (INSRP) to provide the POTUS with a risk assessment for launches containing threshold amounts of radioisotope materials. Since that time, National Security Presidential Memorandum – 20, issued in 2020, established an Interagency Nuclear Safety Review Board (INSRB) and updated the process for launches of spacecraft containing space nuclear systems. The Air Force Safety will continue to provide risk assessments to the POTUS for every mission on behalf of the Department of Defense and synchronizes work with the Department of Energy, Environmental Protection Agency, National Aeronautics and Space Administration, and the Nuclear Regulatory Commission.

Today Air Force Space Safety executes the INSRB mission on behalf of the DoD

Launch Abort Working Group 45th Space Wing Safety

Space Nuclear Systems Working Group Sandia National Laboratories

Most recent INSRP mission:

Mars 2020
<u>Perseverance</u>
Launched: July 2020
Planned Landing on Mars: March 2021

Space Safety Mission
Safeguard U.S. spacepower via mishap prevention

Protect the space domain
Reduce safety events
Optimize / standardize safety processes
Train & develop space safety professionals
Continually **E**valuate & improve procedures
Preserve our **C**ombat Capability for **T**omorrow's Airmen and Space Professionals

Space Safety Vision
To optimize space safety in all spacepower missions

Contact us:
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http://www.safety.af.mil/divisions/space-safety-division

SPACE SAFETY

Space Safety Strategy

Protect the Space Domain
Reduce and prevent space events by educating the Air Force space community on the root causes of events. Identify, report, and mitigate hazards via the Airmen Safety Application.

Reduce Safety Events
Share lessons learned from space event investigations and reports housed in Air Force Safety Automated System.

Optimize/ Standardize Safety Processes
Define proper chains of command and requirements for reporting space events within policy and guidance forums.

Train & Develop Space Safety Professionals
Provide education and training opportunities to stakeholders within the space community. Incorporate lessons learned and best practices into educational material.

Continually **E**valuate & Improve Procedures
Establish and develop working relationships with all Department of Defense policy authorities.

Preserve **C**ombat Capability for **T**omorrow's Airmen and Space Professionals
Design efficient processes for the peaceful exploration of space while enhancing our defense posture.

PROTECT The U.S. Space Force Mission

Airman
Safety Application

The Airman Safety App is a tool designed to allow anyone to immediately submit a report for observed hazards or high risk activities from anywhere via an app on your smartphone. While originally designed to report hazards within the aviation world, the app has been redesigned to include reports applicable to the occupational, space, and weapons disciplines, as well.

AIR FORCE SAFETY GOES MOBILE
Safeguard Airmen ... Protect Resources ... Preserve Combat Capability
Download the **NEW** *Airman Safety App* in your App Store.

Available on the App Store
Android app on Google play

Airman Safety App
Airman Safety Action Report

Airman Safety App web-based access:
https://asap.safety.af.mil/

The Air Force Safety Automated System can be accessed with a Common Access Card at: *https://afsas.safety.af.mil/Home.do*