



Mission Success Starts With Safety

Government-Industry Data Exchange Program

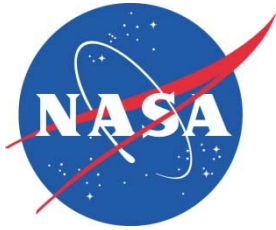
GIDEP

Bill Loewy



GIDEP Mission Statement

- **“The mission of the Government-Industry Data Exchange Program is to support government systems readiness, productivity and cost reduction through timely retrieval, storage and distribution of data among government and industry organizations.”**
 - **Charter statement by the Department of Defense Joint Logistics Commanders**



GIDEP Sponsoring Agencies

- US Army
- US Navy
- US Air Force
- **NASA**
- Department of Energy
- Defense Contract Management Agency
- Canadian Department of National Defence
- Defense Logistics Agency



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<http://www.gidep.org>

Thursday
July 8, 2004

Privacy and Security Notice: Please read [Privacy and Security Notice](#).

Quick Highlights

It is people who care about making their product or service the BEST that it can be!

[How To Join](#)

What is GIDEP?

GIDEP (Government-Industry Data Exchange Program) is a cooperative activity between government and industry participants seeking to reduce or eliminate expenditures of resources by sharing technical information essential during research, design, development, production and operational phases of the life cycle of systems, facilities and equipment.

What does GIDEP have to offer?

Since GIDEP's inception, participants have reported **over \$1 BILLION** in prevention of unplanned expenditures. That means without GIDEP, participants could have *potentially* realized additional expenses of over \$1 billion. Read just some of the **success stories!**

Proper utilization of GIDEP data can materially improve the total quality and reliability of systems and components during the acquisition and logistics phases of the life cycle and reduce costs in the development and manufacture of complex systems and equipment.

sponsored by
US Army - US Navy - US Air Force - IIASA
Department of Energy - Defense Contract Management Agency
Canadian Department of National Defence - Defense Logistics Agency

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GIDEP Alert Types

- **Alerts;** A GIDEP document that reports a problem with parts, components, materials, specifications, software, manufacturing processes, or test equipment that can cause a functional failure.
- **Safe-Alert:** A GIDEP document that reports a non-conforming item, product or situation that creates a safety hazard for personnel or equipment.
- **Agency Action Notice:** A GIDEP document that redistributes problem information issued by a Government Agency to GIDEP participants.



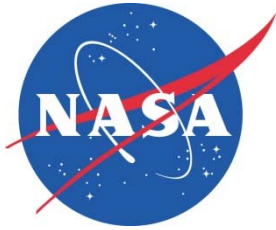
Failure Experience Data (FED)

- Objective failure information as a result of ALERTs, SAFE-ALERTs, Problem Advisories, and Agency Action Notices which notify users of nonconforming parts, components, chemicals, processes, and materials, and of safety and hazardous situations.
- This is where information of counterfeit parts can be found.



Metrology Data

- **Consists of calibration procedures and technical manuals for various types of electronic/mechanical equipment. Calibration procedures provide instructions and information that enable calibration personnel to verify that instrument being calibrated is within prescribed tolerances. Technical manuals provide detailed maintenance, and/or repair/operating instructions.**



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Data on Diminishing Manufacturing Sources & Material Shortages (DMSMS)

- **Manufacturer data that provides occurrences of product and or product line discontinuances.**



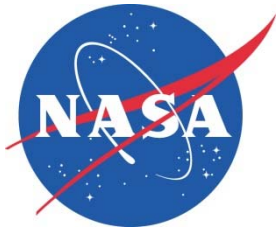
Engineering Reports:

- Technical reports on research materials, quality assessment, engineering test, evaluation and qualification test, parts and materials specifications, manufacturing, design, process controls, solder-ability data, and other related engineering data on parts, components, materials, and processes.



Reliability-Maintainability Reports

- Failure rate, failure mode, and replacement rate data on parts, components, and subsystems based upon field performance and demonstration tests of equipment, subsystems, and systems.
- Reliability and maintainability theories, methodologies, techniques, practices, and procedures such as prediction techniques, failure modes and effects analyses, mathematical models, and reliability growth plans.



Urgent Data Requests (UDRs)

- **allow GIDEP participants to query information from the GIDEP Community. UDRs are often used to locate surplus parts that have been discontinued or locate parts that are critically needed for a given project. In addition, UDRs are used to solicit information such as failure data on EEE and mechanical parts.**



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Product Change & Product Information Notices

- **provide respective data on product changes (i.e. datasheet, facility relocations) and product information (i.e. test data, Qualified Manufacturer List status, and package types).**



Lessons Learned

- **provide work experiences on a variety of subject matter. Sharing adverse experiences may help avoid recurrences.**



Access to GIDEP Documents

Due to ITAR restrictions, you must be a US citizen in order to be granted database accessibility

Currently, GIDEP documents can be viewed either by:

1. Registering as a GIDEP User in order to access the GIDEP database. See the Alert Coordinator for form.
 2. Subscribing to the OSSMA GIDEP Alert/NASA Advisory distribution system. Contact the Alert Coordinator in order to be placed on email list.
- We are in the process of working out an alert sharing agreement with GIDEP/NASA/ESA/JAXA



NASA Advisories

- **NASA Advisory: A NASA document for exchanging significant parts, materials, and safety problems or concerns among NASA activities**
 - Used for NASA-specific and NASA-caused errors and lessons learned
 - Or when a GIDEP is not possible or practical
 - Or to address spaceflight specific implications of others' experiences



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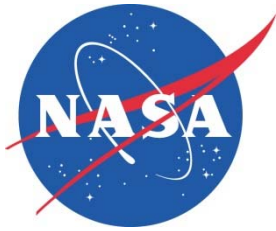
Know Your Part

GOVERNMENT-INDUSTRY DATA EXCHANGE PROGRAM (GIDEP)

KNOW YOUR PART



<http://www.gidep.org>



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Outreach





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GIDEP

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