

# DEPARTMENT OF DEFENSE:

A GREAT PLACE TO WORK FOR THE BEST ENGINEERS!



## You Can Make a Difference As a DoD Engineer



Protect



Innovate



Inspire

## DoD Engineers:

Help bring Soldiers, Sailors, Airmen, and Marines home to their families!

Work on ground-breaking innovations

Inspire and mentor the next generation

  
**Contribute**  
early and often to the innovations in DoD

  
**Excel**  
with opportunities to learn and grow

  
**Advance**  
technology to make the world a better place

  
**Expand**  
knowledge with access to the most advanced research, data, and tools

  
**Collaborate**  
with the brightest minds

  
**Serve**  
your country as a civilian

**IF YOU HAVE EVER WANTED TO:**

LEARN MORE ABOUT OPPORTUNITIES:

<https://www.army.mil/article/157855/>

<http://www.secnv.navy.mil/donhr/Pages/Default.aspx>

<https://afciviliancareers.com>





# DoD ENGINEERS

are motivated and charged to:

**WORK ON**  
INNOVATIVE,  
LEADING EDGE  
TECHNOLOGY

**HELP KEEP**  
OUR  
COUNTRY  
SAFE



## ...AND HAVE MADE A DIFFERENCE IN THE WORLD!

**THE INTERNET**

**THEN:** Developed in 1970s by DARPA to share information between research labs & educational organizations

**NOW:** Used by nearly everyone worldwide to connect & maintain ties

**MICRO-WAVE**

**THEN:** Developed in 1945 during radar testing, when an engineer realized a chocolate bar melted in his pocket

**NOW:** Utilizes microwaves to cook our food more quickly

**XSTAT**

**THEN:** Developed to fill wound cavities on the battle field and stop bleeding in 15 seconds

**NOW:** Used by first responders to save lives by controlling bleeding at trauma scene until surgery is available

**EPIPEN**

**THEN:** Developed during Cold War to treat chemical attacks by nerve agents

**NOW:** Treats those susceptible to anaphylactic shock

**SUPER GLUE**

**THEN:** Discovered in 1942 to make clear, plastic gun sight for soldiers

**NOW:** Used as a rapid bonding adhesive for "quick fixes"

**GPS**

**THEN:** Designed in 1970s to guide and track planes, boats, & missiles

**NOW:** Provides point-to-point navigation & location services anywhere around the globe from a cell phone

**DUCT TAPE**

**THEN:** Invented in 1942 for the military as a way to keep moisture out of ammunition cases

**NOW:** Used by nearly everyone for practical & imaginative applications

**DIGITAL PHOTOGRAPHY**

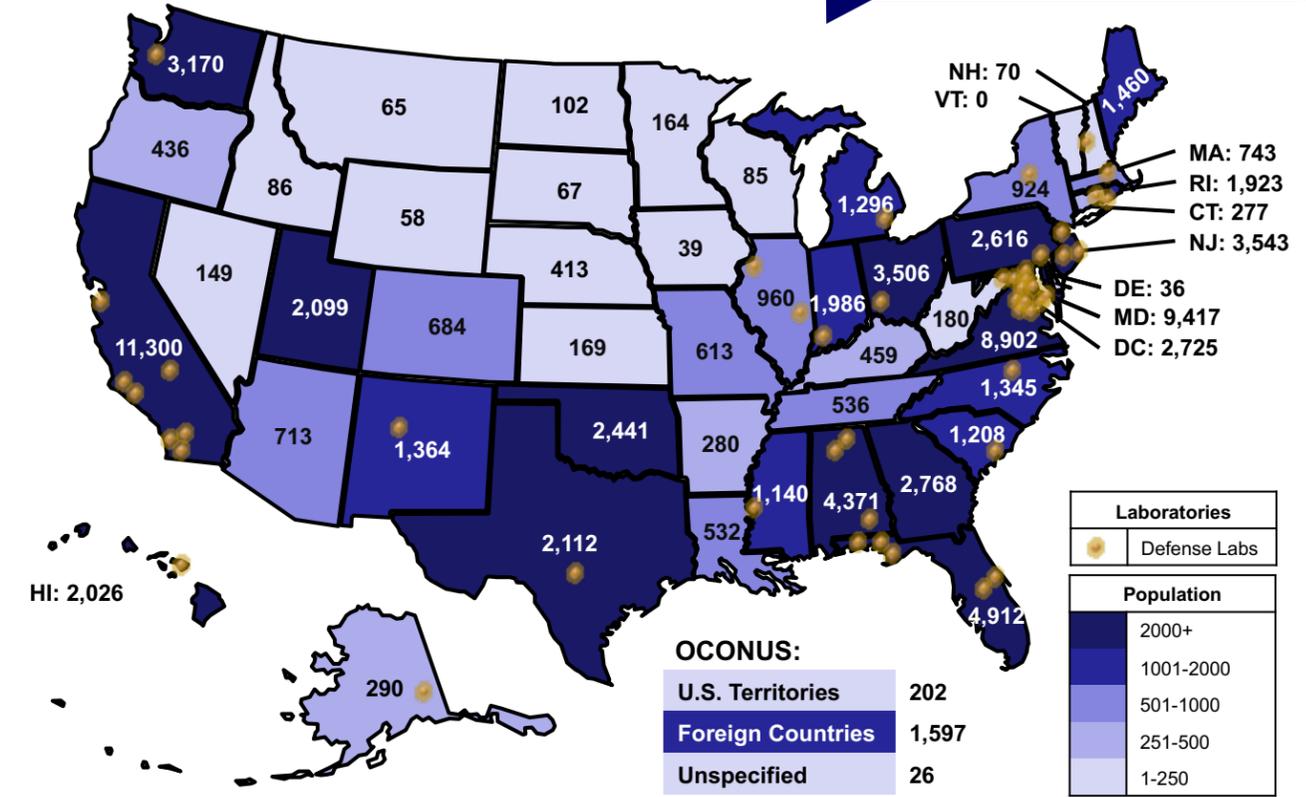
**THEN:** Developed in 1960s for spy satellites, eliminating need to recover deorbited film canisters

**NOW:** Replaced film and found in almost every cellphone

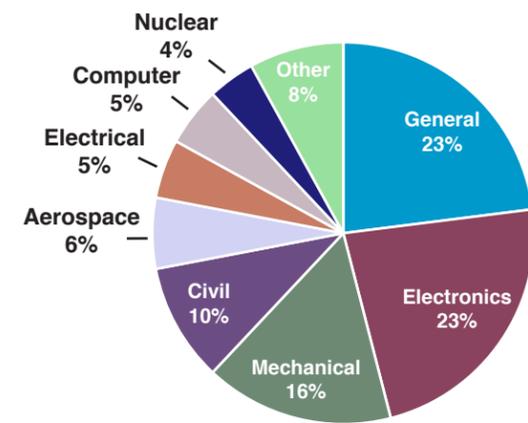
# DoD ENGINEERS

work/live across the country

**THE U.S. DoD IS THE WORLD'S LARGEST ENGINEERING ORGANIZATION, WITH OVER 100,000 ENGINEERS**



**DoD Employs All Types of Engineers**



**"General" Engineer** applies when the work of the position requires knowledge and skills in two or more professional engineering disciplines

- "Other" Engineers**
- Agricultural
  - Biomedical
  - Chemical
  - Environmental
  - Industrial
  - Materials

**A Majority of DoD Engineers are Non-Military**

