

DEFIANCE, OHIO



October 3, 2024

# POWERNEWS

Defiance Mission Statement...

**"ONE TEAM - INNOVATING THE FUTURE"**

**On this day in history (October 3)....**

1789 Washington proclaims 1st national Thanksgiving Day on Nov 26

1849 American author Edgar Allan Poe is found delirious in a gutter in Baltimore, Maryland under mysterious circumstances; it is the last time he is seen in public before his death.

1863 US President Abraham Lincoln designates last Thursday in November as Thanksgiving Day

1872 Bloomingdale's department store in NY opens

1913 US Federal income tax signed into law (at 1%) by President Woodrow Wilson

1920 American Pro Football Association (later the NFL) plays 1st full round of games; Dayton Triangles beat Columbus Panhandles, 14-0 in first official game at Triangle Park, Dayton

1922 1st facsimile photo sent over city telephone lines, Washington, D.C.

1942 FDR forms Office of Economic Stabilization



Elvis, 10 yrs., 2nd from right and wearing glasses, w/ talent show winners.

1945 Elvis Presley's 1st public performance, at age of 10, singing "Old Shep" in youth talent contest at the Mississippi-Alabama Fair and Dairy Show, in Tupelo, Mississippi; contest is broadcast over WELO Radio, he wins fifth prize - \$5.00 in fair ride tickets

1947 1st telescope lens 200" (508 cm) in diameter completed

1952 1st video recording on magnetic tape in Los Angeles, California

1954 "Father Knows Best" premieres

1955 "The Mickey Mouse Club" television series premieres

1955 Children's morning program "Captain Kangaroo" starring Bob Keeshan debuts on CBS-TV, beginning a 29 year run - Good Morning, Captain!

1960 San Francisco's White House department store is the 1st to accept BankAmericard

1960 US sitcom "The Andy Griffith Show" premieres in CBS (runs till 1968)

1961 "The Dick Van Dyke Show" created by Carl Reiner, starring Dick van Dyke and Mary Tyler

Moore premieres on CBS-TV

2008 Former NFL star O.J. Simpson found guilty of charges of kidnapping and armed robbery

2014 83 million accounts are compromised after a cyber attack on JP Morgan Chase & 9 other financial institutions

2014 Blues guitarist and singer B.B. King's last live performance, at the House of Blues in Chicago, Illinois

2021 MLB Cleveland win their last game under the Indians name, beating Texas Rangers 6-0

*By On This Day in History*



Congratulations to the following employees who retired on October 1. We wish you all the best!

**Sherilyn Baker**, DOH: 02/24/1997  
32.0 years of service, Production

**Kevin Gerken**, DOH: 12/11/1995  
34.9 years of service, Production



**ABOVE:**

Sheri Baker with her family

**LEFT:**

Sheri's Retiree Gold Card, her mom's, Kathy Rickenberg & her dad's, Ralph Rickenberg



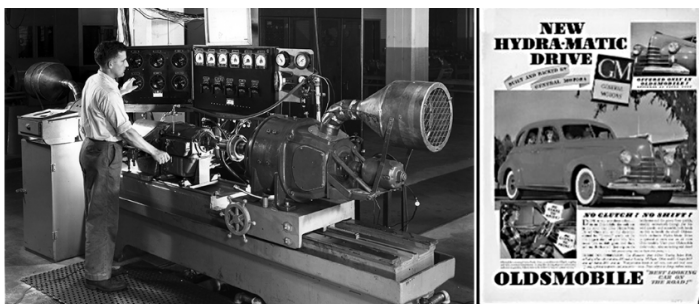
# 10 Things You Didn't Know Were Invented by GM — and Perfected at Milford - Story on Socrates

In honor of its 100th anniversary, discover 10 important innovations brought to life at Milford Proving Ground ...

For 100 years, General Motors has been testing new cars and technology on a vast compound in suburban Michigan known as the Milford Proving Ground. Covering just over 4,000 acres and sitting neatly between GM's hubs in Flint, Detroit, Lansing and Pontiac, Milford Proving Ground — or MPG, as employees call it — is the oldest dedicated vehicle testing facility in the world.

September 25th marks 100 years since MPG opened its doors, during which time the site has played a critical role in developing countless automotive technologies. To honor its centennial birthday, here are a few noteworthy automotive innovations that were invented at GM — and brought to life at MPG.

**1. The automatic transmission:** In the late 1930s, GM engineers developed the first mass-produced automatic transmission, the Hydra-Matic. Before this four-speed wonder could hit the market across the 1940s Oldsmobile lineup, it was subject to extensive on-road testing at Milford. Thus, a new (clutch-less) era was born.



**2. The sports car:** In the early 1950s, a new type of vehicle hit the tracks at MPG — one with a sexier silhouette and faster engine. Validation was a success, and in 1953 the Chevrolet Corvette was born, bringing with it an entirely new market segment and creating an American icon. Every subsequent Corvette has been tested at Milford, including the 1,064-horsepower 2025 Corvette ZR1.



**3. Air bags:** While the first version of the air bag was patented in the 1950s, it would take two decades — and a hardcore workout in Milford — before this safety feature was ready for the masses. In 1973, the Oldsmobile Toronado was the first passenger vehicle with air bag technology, or an “air cushion restraint system,” as it was originally called.



**4. Early autonomous vehicles:** Let's take a trip in the wayback machine to the 1939 World's Fair, where GM demonstrated one of the first autonomous car concepts in an exhibit called “Futurama.” By the 1950s, GM was testing a self-driving Chevy that followed a cable embedded in Milford's circular test track. It would be nearly 70 years before GM and Cruise launched the first fully-autonomous Chevy Bolt in 2016. Cruise plans to launch an autonomous version of the next-generation Bolt in 2025.

**5. Unleaded gas:** In the 1960s, a groundbreaking idea struck the engineers at GM's R&D labs: maybe engines could use gasoline without lead, which has toxic effects on both human health and the environment. Testing soon began on a new engine designed at Milford Proving Ground which didn't require lead. In 1970, GM became the first automaker to offer consumer cars that ran on unleaded gas, a major breakthrough in reducing exhaust emissions. The EPA banned the sale of leaded fuel in 1996.

**6. The catalytic converter:** In the 1960s, GM took another step toward cleaner driving with the invention of the catalytic converter, which reduces toxic gas emissions from internal combustion engines. The device was tested and perfected at Milford Proving Ground. By 1975, all gas GM vehicles sold in the U.S. and Canada had a catalytic converter. The catalytic converter remains one of the most important tools for reducing automotive emissions.



**7. Improved crash test dummies:** Originally developed by the Air Force for testing ejection seats, crash test dummies made their automotive debut in the 1950s. GM completed thousands of crash tests at Milford to prepare for the 1971 launch of the Hybrid I, a more realistic dummy that incorporated the best of earlier models. The improved Hybrid II test dummy launched in 1972, followed by the Hybrid III in 1977. Standing 5 feet, 9 inches tall and weighing in at 173 pounds (about the size of an average adult male), the Hybrid III became the widest-used crash test dummy model in the world.

**8. Automobile head-up display:** Head-up displays — which project vehicle information onto the windshield — first emerged in 1988, when GM became the first automaker to add it to production vehicles. GM launched the first HUD in the 1988 Oldsmobile Cutlass Supreme Indy 500 Pace Car edition (and subsequent replicas), with blocky green numerals projected onto the windshield. A year later in 1989, the HUD became an option on other GM vehicles, including the Pontiac Grand Prix.

**9. Rear seat reminder: In the 2010s:** GM engineers had another industry-changing safety idea, a vehicle system that alerted drivers that they may have accidentally left someone (or something) in the back seat. After testing at Milford, GM rolled out the feature in the 2017 GMC Acadia. The technology was quickly expanded to other GM models and is now standard on most new vehicles across the industry.

**10. Super Cruise:** Following extensive localized road testing at Milford, in 2017, GM launched the world's first hands-free driver assistance technology to consumers: Super Cruise. Super Cruise is GM's advanced driver assistance system that uses data from vehicle cameras, sensors and lidar. In 2024, GM expanded the Super Cruise network to 750,000 miles of highway across the U.S. and Canada — making it the largest hands-free operating domain in North America.

Milford is extraordinary in many ways — and continues to be a vital part of both GM's history and future. *By Jennifer McKeogh*



## OPTICIAN WILL BE ON VACATION

**MONDAY, OCT. 7  
THROUGH  
TUESDAY, OCT. 15**

**REGULAR HOURS WILL RESUME ON  
WEDNESDAY, OCTOBER 16  
@6:30 a.m.**

**Spirit Wear Fridays – October**  
Wear the color **PINK**

October 4	October 11	October 18	October 25
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Snap a selfie with just you or with your friends wearing pink and supporting women's health and send it to Jeremiah Fleischman 419-769-1859

## Refresher: Accessing Socrates, WorkDay & More

In order to access many GM tools, you must have two-factor authentication and your GM credentials set up! Here's how

1. From your home computer, work computer or a mobile device go to [GMID.GM.COM](https://GMID.GM.COM). Under the **Account Maintenance** section, click **Account Remediation for Team Members** and enter your GMIN. Click **Submit**.

Detailed instructions depending on the action that you need to take will open, i.e. *2-Step Verification*

*Instructions or GMID password reset or disabled account instructions.*

2. Follow the prompts to rectify your account issue.
3. If you need to know your GMID, in the [GMID.GM.COM](https://GMID.GM.COM) under **Forgot your GMID?** section click **GM Employees** and follow the prompts.

**The American Red Cross**  
will be onsite for a **Blood Drive**  
**Tuesday, October 29.**  
Please consider donating!  
There is a great need at this time!  
**MORE DETAILS COMING SOON**



## OpEx Recognition Rewards Program

We are starting a new OpEx Recognition Rewards Program for the Defiance Plant! Rewards are earned by completing OpEx Projects, and the total count will reset at the start of each year. We have established tiers for each reward step in the program as listed below, each number is the total number of OpEx Projects complete per person.



To ensure that projects are accounted for, please submit them to Curtis Switzer in the Quality Systems Office.

- 1 – OpEx Recognition Certificate
- 3 – \$5 Avanti Certificate
- 5 – Hat or Straight 8
- 8 – Pizza
- 10 – OpEx Polo or T-Shirt

**Curtis Switzer**  
Quality Systems Lead  
GM Defiance  
C 419.769.1416



## PAINT THE SITES PINK!

Friday, October 11, 2024



- Join GM Women and wear pink to support Breast Cancer Awareness Month.
- Small Pink Ribbon Stickers will be handed out at the beginning of each shift at all of the gates
- Larger Ribbons will be provided to write the names of family and friends that are currently battling or have previously battled breast cancer. Ribbons will be displayed on the board in the Ops area.

## Shoe Mobile Schedule 2024

### Red Wing

6 a.m.-10:30 a.m.,  
11:30-4 p.m.

October 22nd

### Saf-Gard

6 a.m.-10:30 a.m.,  
11:30-4 p.m.

November 7th  
December 11th

Reminder:

The Shoe Truck will  
be closed for lunch  
from 10:30 - 11:30 a.m.

A limited number of boots are available in the GSC office in the crib for emergencies.

In addition, employees may:

- 1) Obtain a shoe authorization form from me or Brian Kempe and take it to a Red Wing or Saf-Gard store,
- 2) Order from the catalogs in the crib office, the on-line website
- or 3) Contact me for any special needs.

Alexandria English  
419-784-7271  
419-770-9446



# P.E.R.T.

## OCTOBER MEETING

### SKILL CHECKS, AMBULANCE CHECKS

**When:**

October 31<sup>st</sup>, 2024

**Where:**

Training Center Rooms 135

**Time:**

3<sup>rd</sup> Shift 04:00 – 06:30

1<sup>st</sup> Shift 12:00 – 14:30

2<sup>nd</sup> Shift 15:00 – 17:30



Tonya Huss - UAW Communication Coordinator  
tonya.huss@gm.com



Kevin Nadrowski - Communication Manager  
kevin.1.nadrowski@gm.com