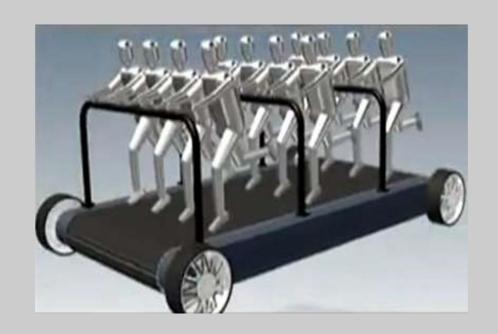
# The Future of Transportation From the Past to the Present



compiled by Charles Paidock, Secretary
Citizens Taking Action for Advancement of
Transit and Trains

## US Dept of Transportation focus is on 100 Year Old Technology



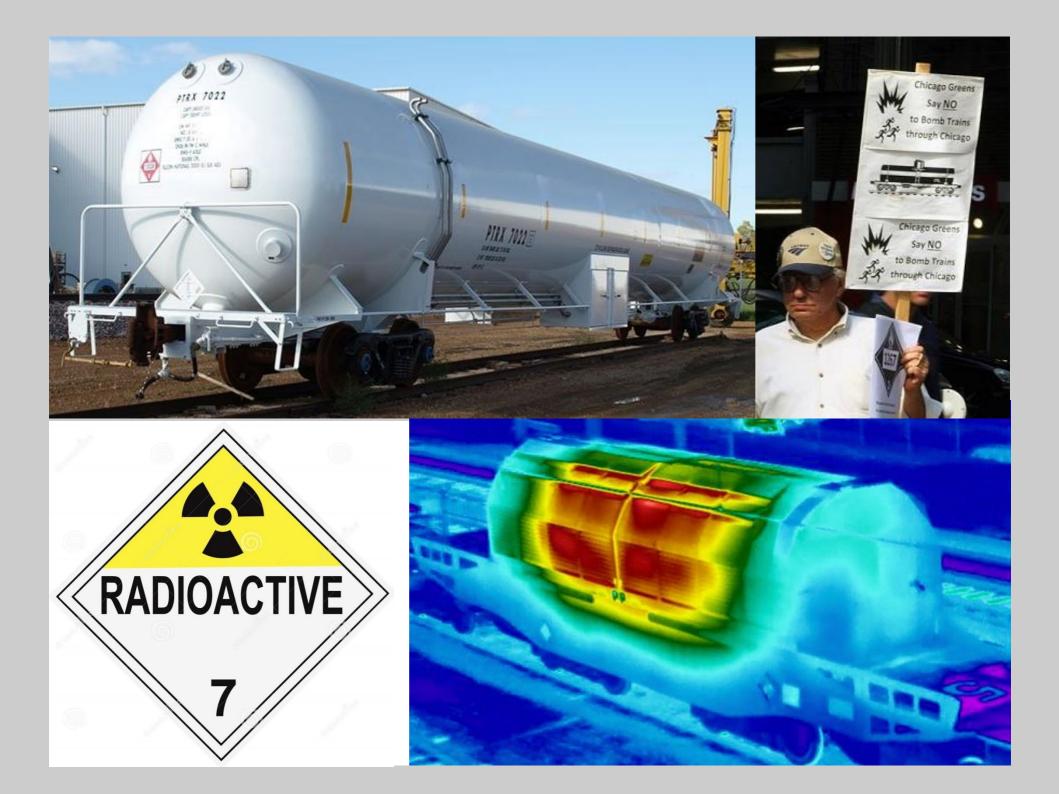




### **Maintenance** of Way



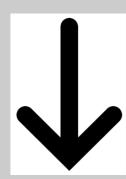




#### **Progress Overseas**

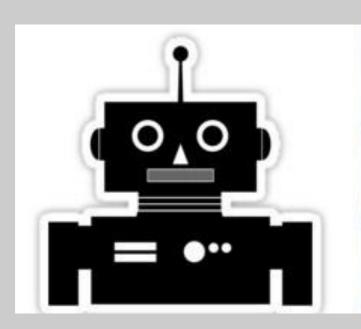








#### **US RR Industry**

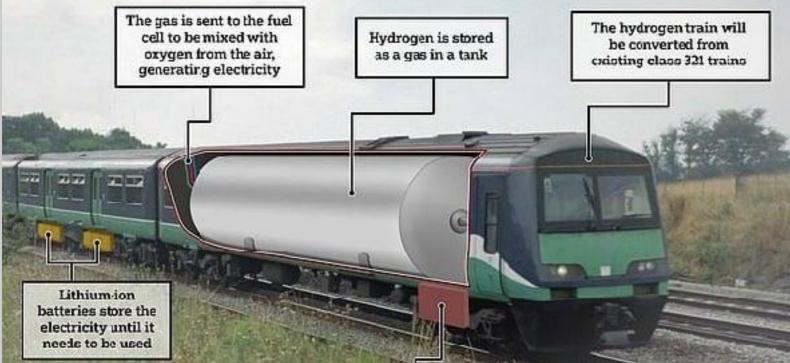




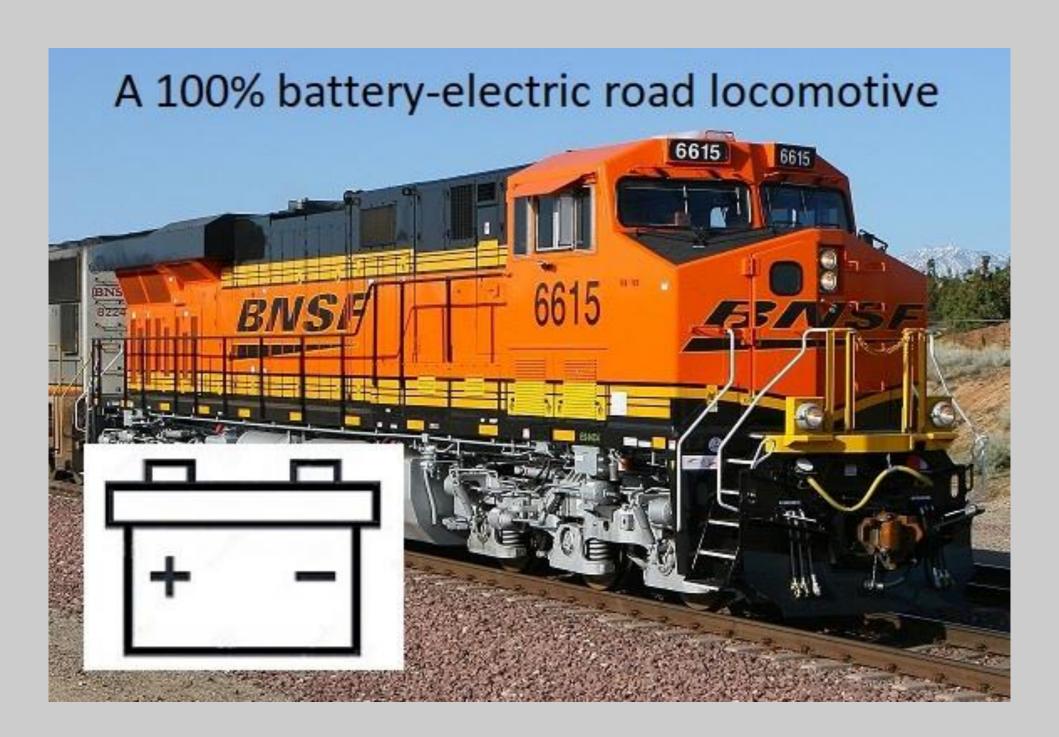








Hydrogen fuel cellpowered train emissionfree, noisefree





#### **Progress Made in the Past**

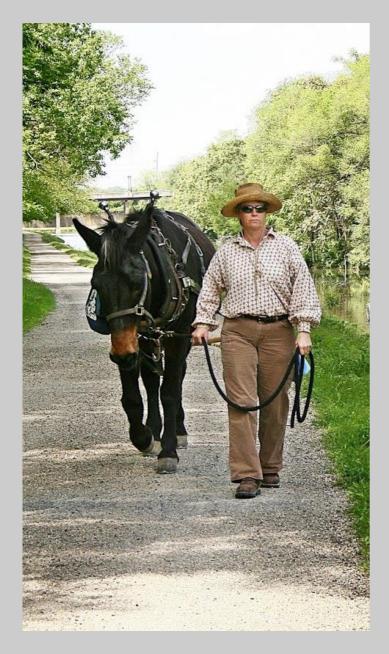


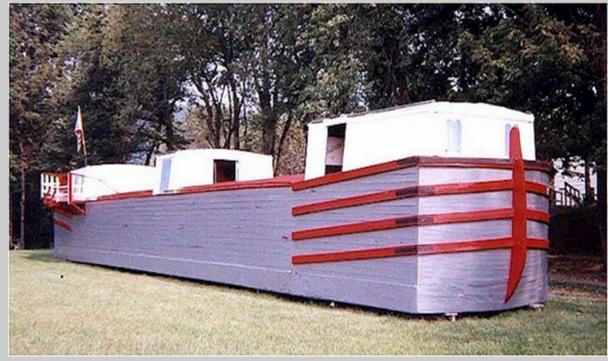




















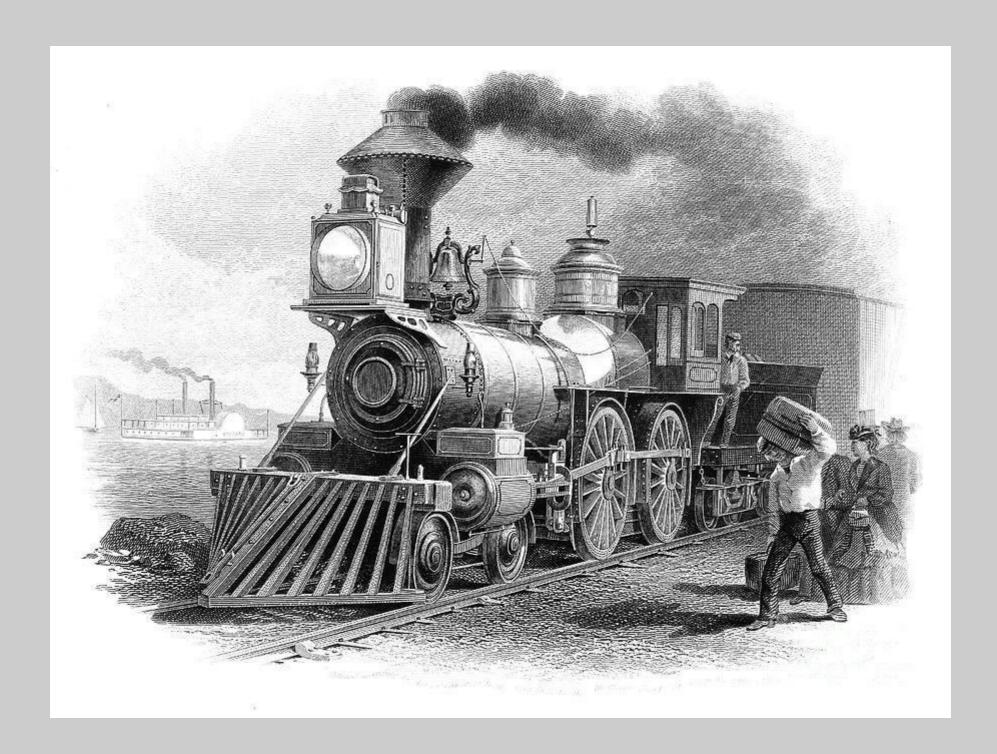




















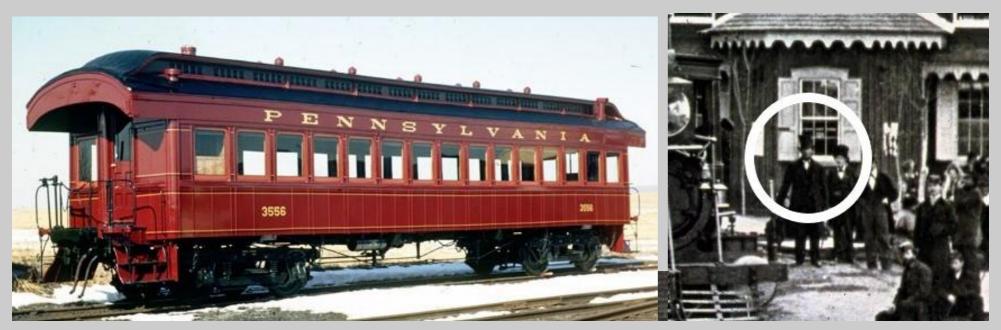
#### 4 Ceremonial Spikes

Three of the four original are displayed in museums. As for the fourth spike, in the crush of the crowd following the ceremony, an opportunistic bystander pried it loose.















#### Interurbans























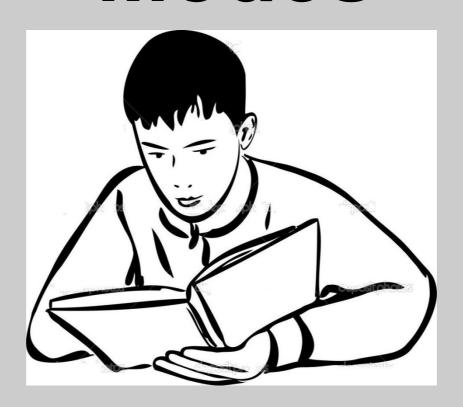


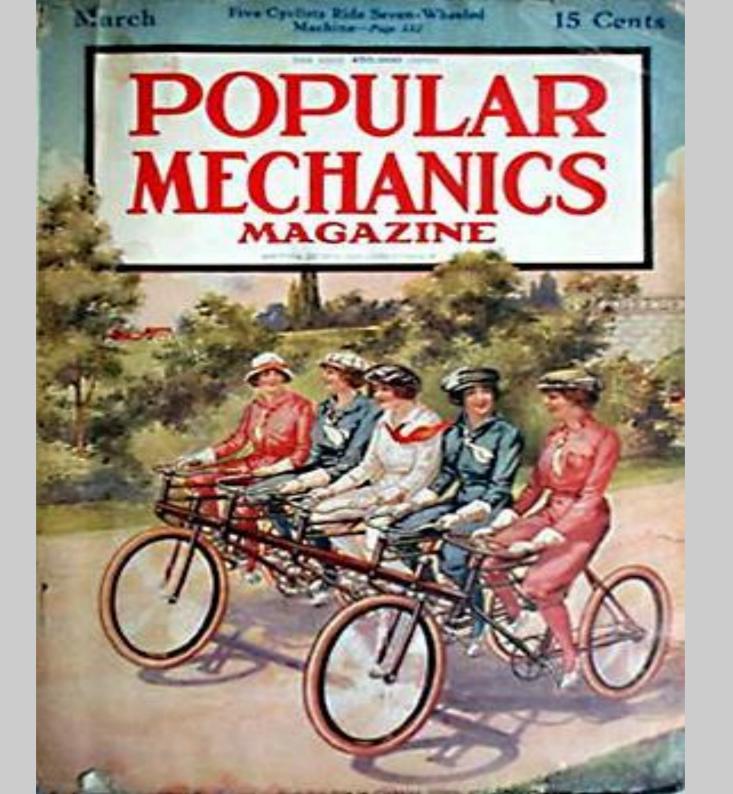


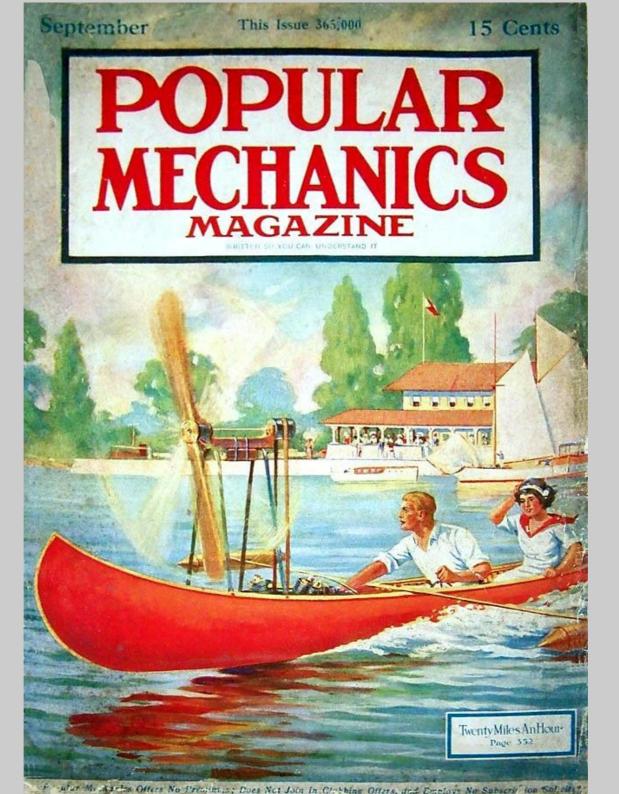
### Innovative Designs

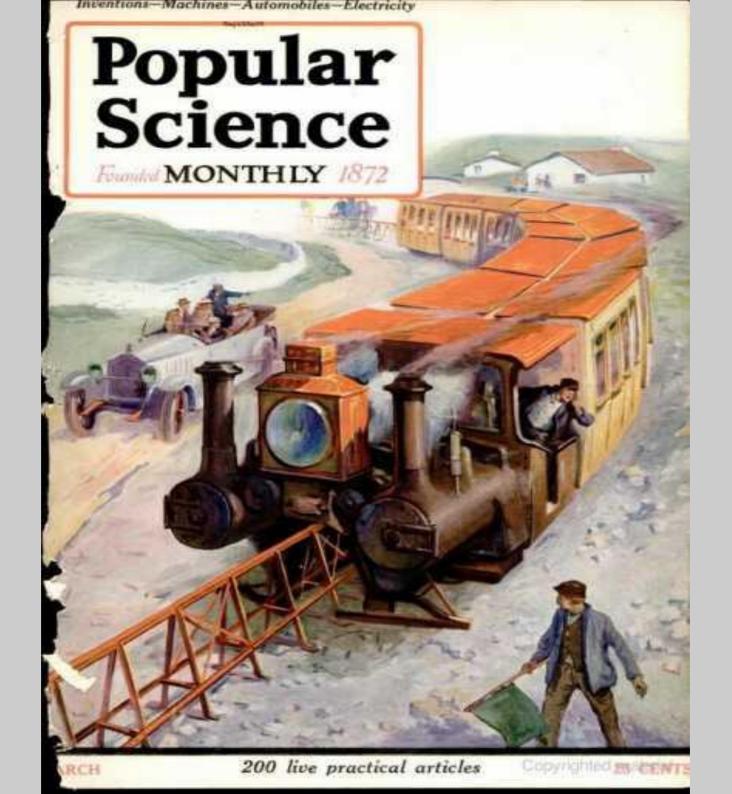
featured on the covers of Popular Science and/or Popular Mechanics Magazine for

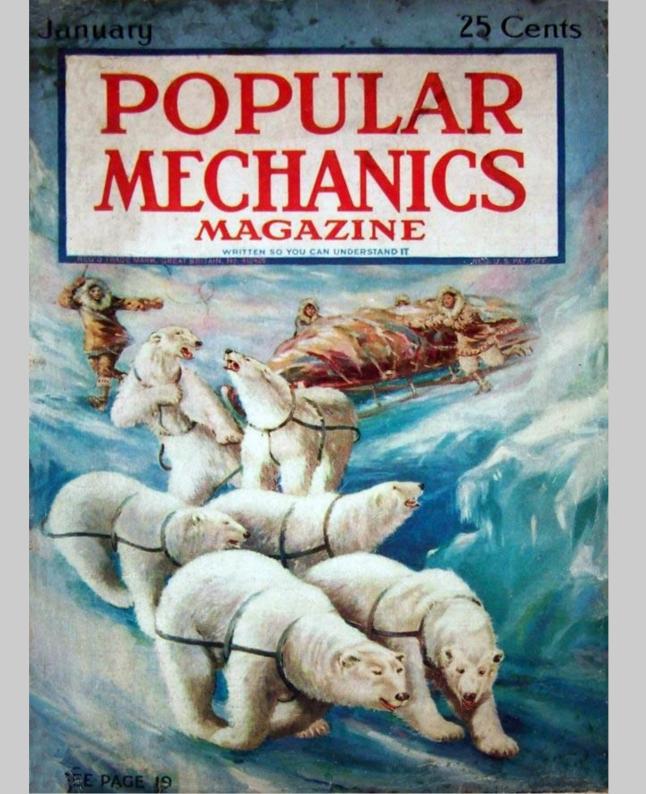
## All Transportation Modes

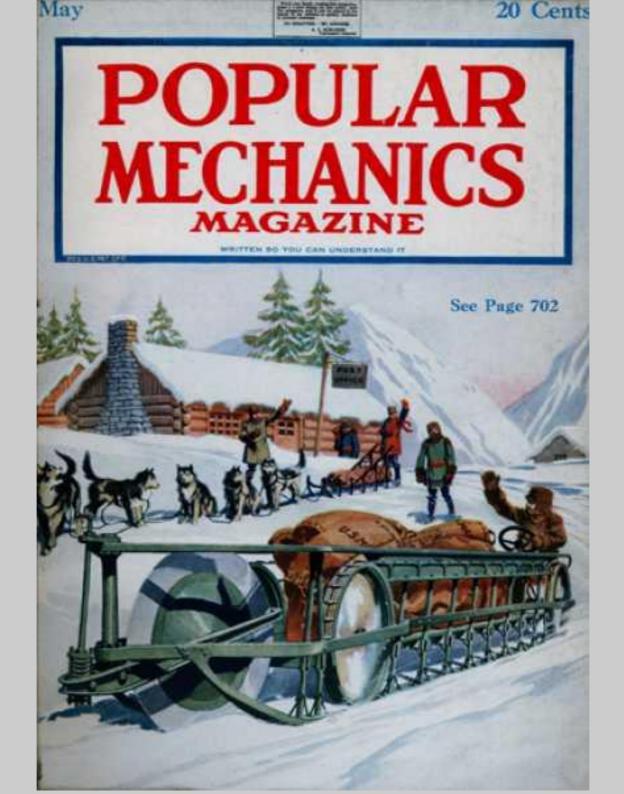












FOUNDED MONTHLY 1872

A CROSS-WORD PUZZLE CONTEST-p. 38

Prizes offered to test your knowledge of practical words

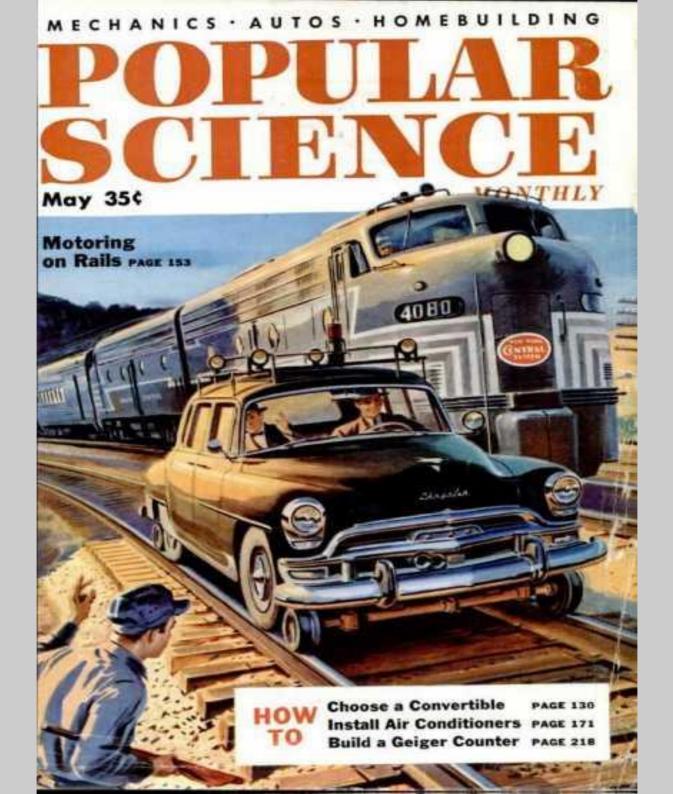
Amazing fascination of puzzles explained.

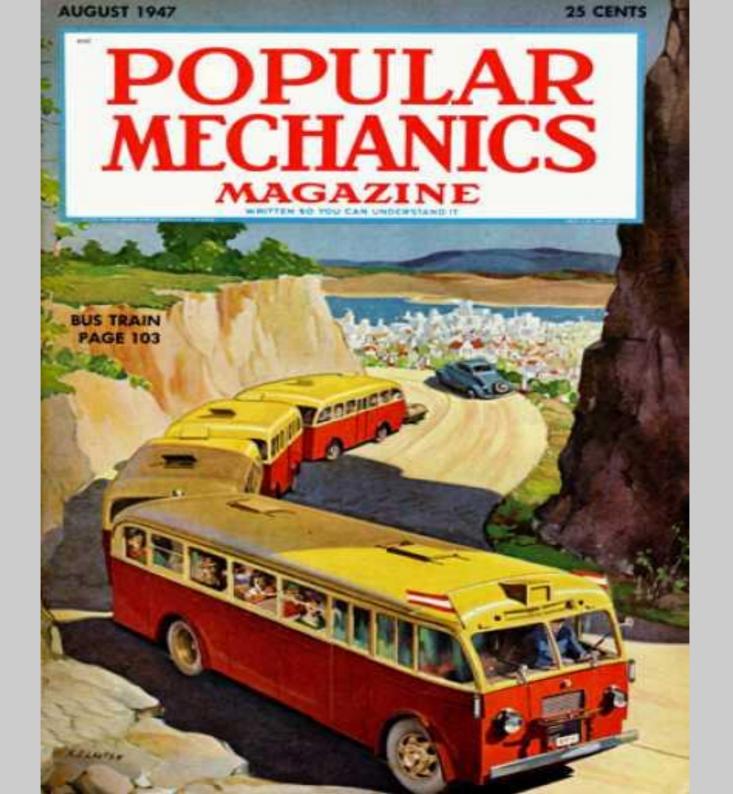


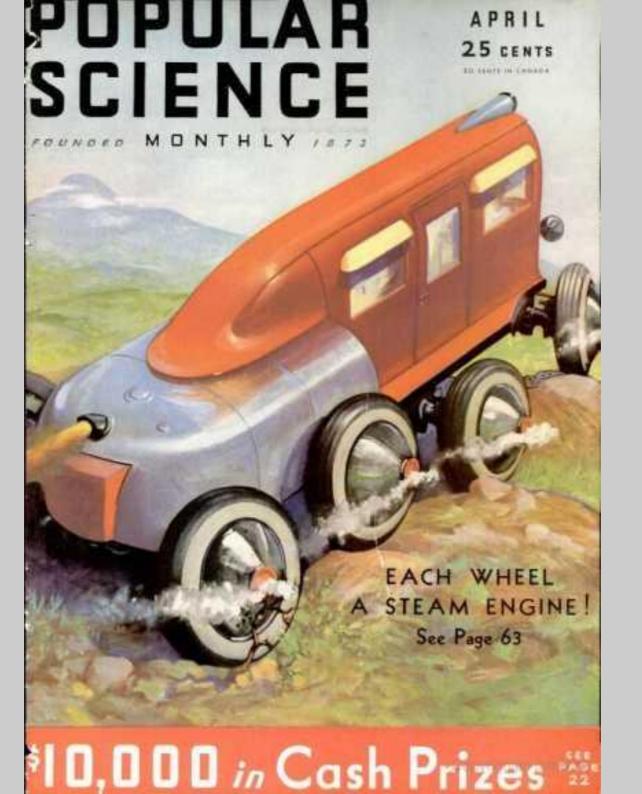
MARCH

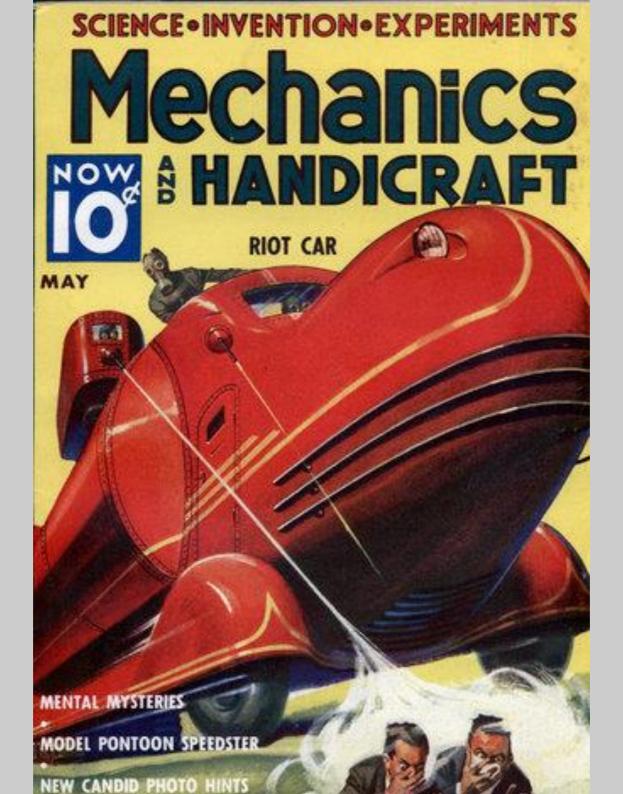
Bus with corkscrew drive supplants Arctic dog teams

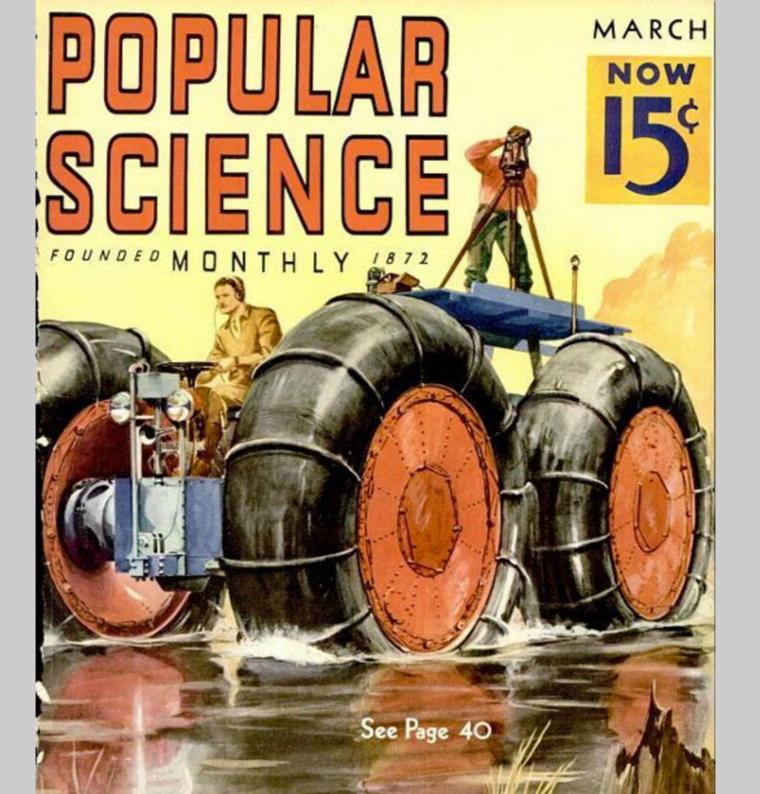
This Edition Over 400,000 Copies

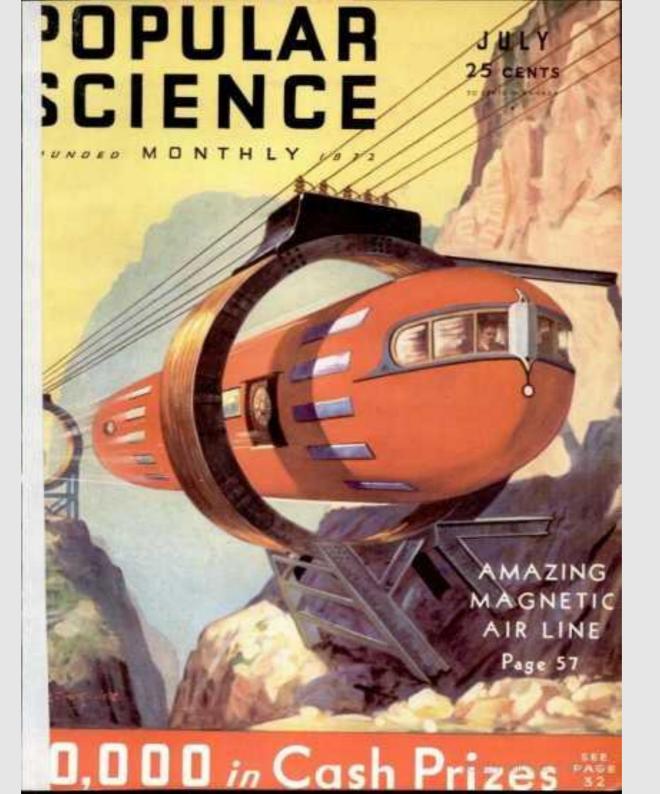


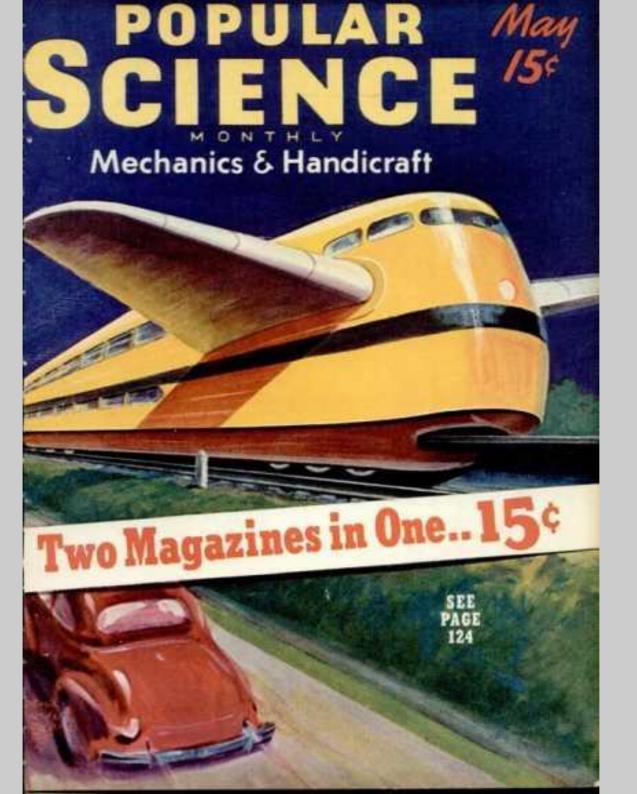


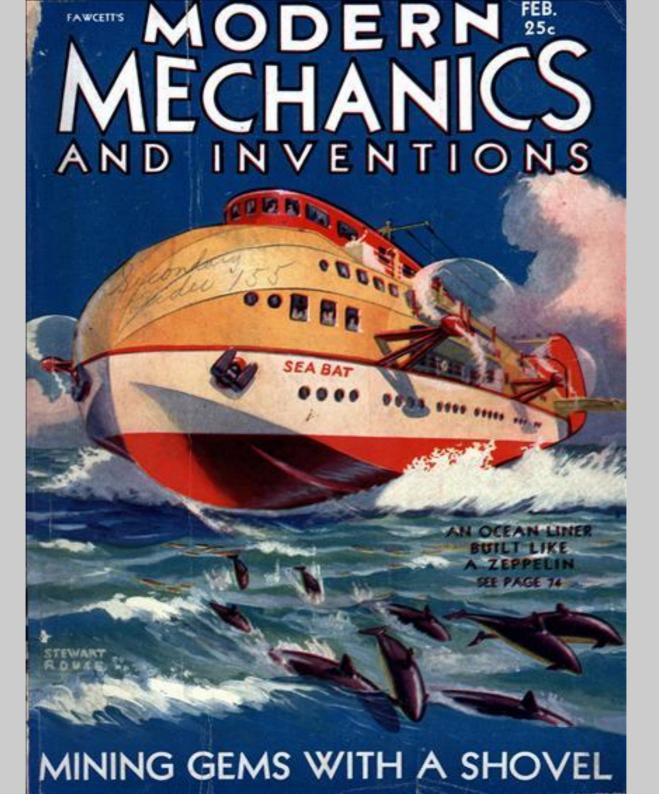


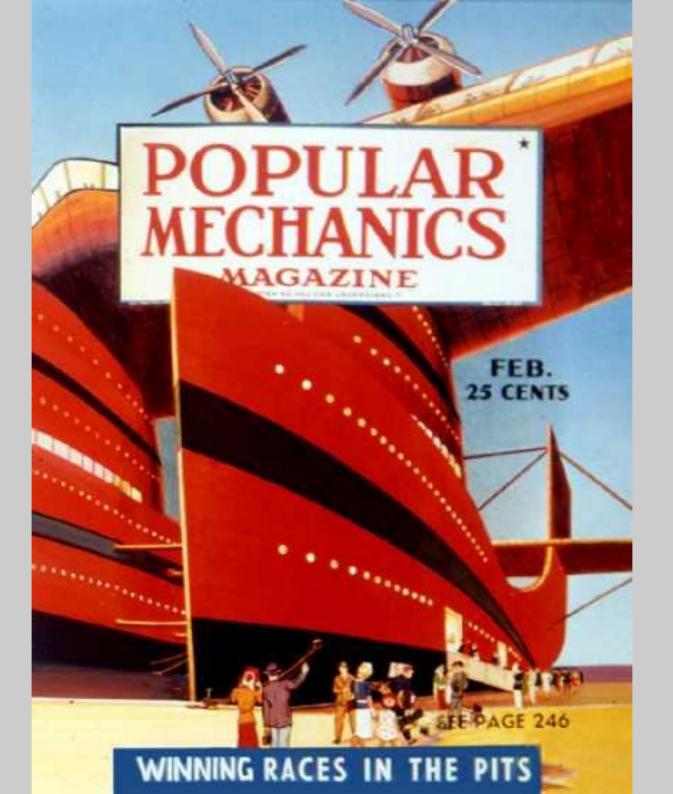


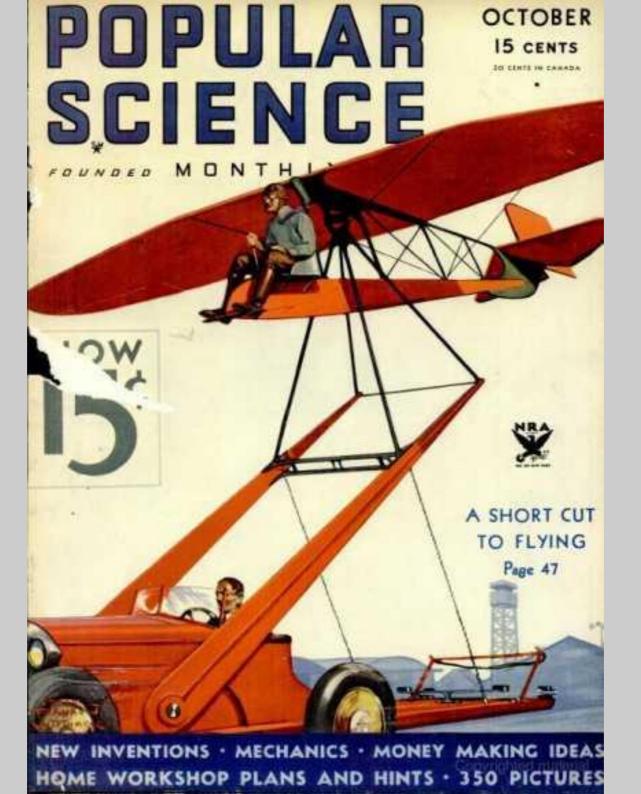


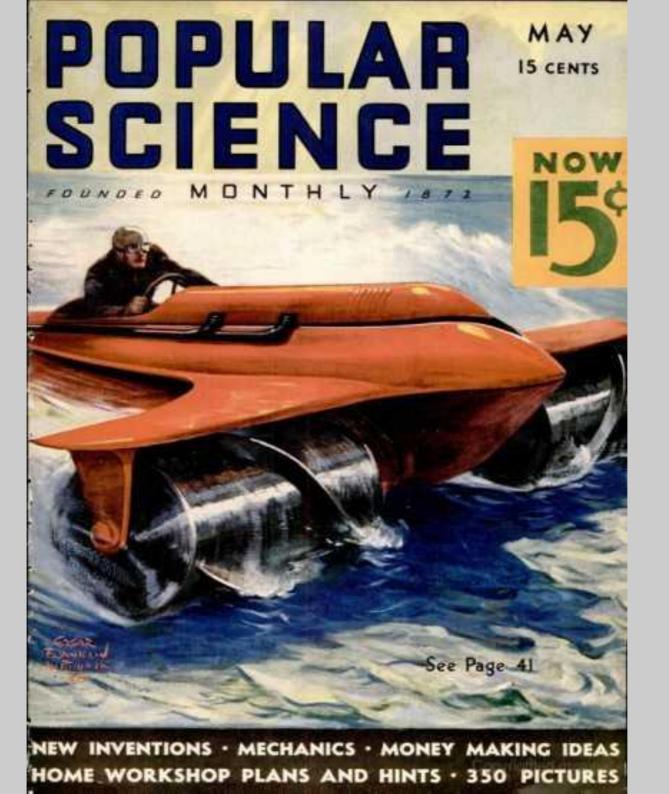


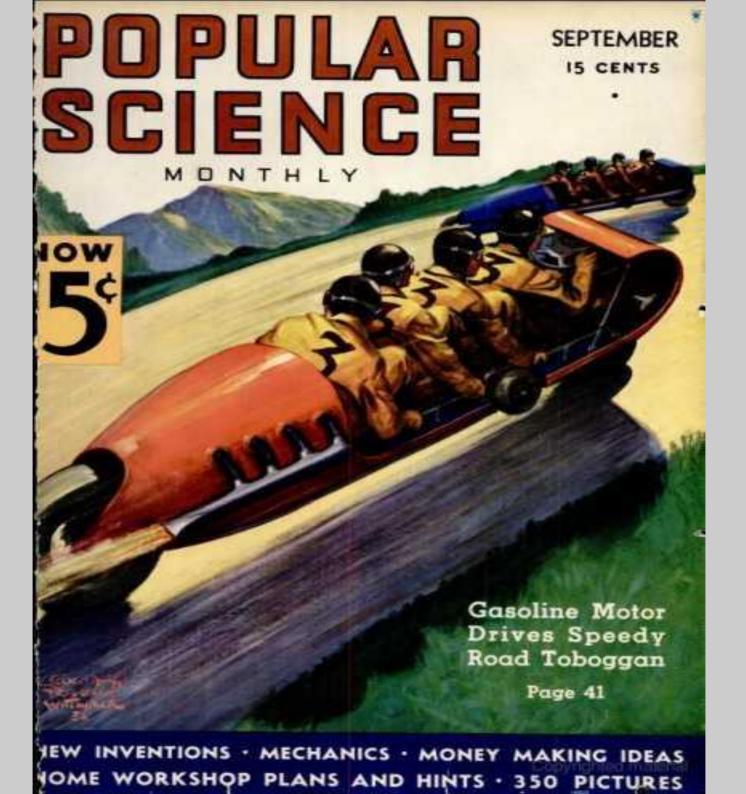




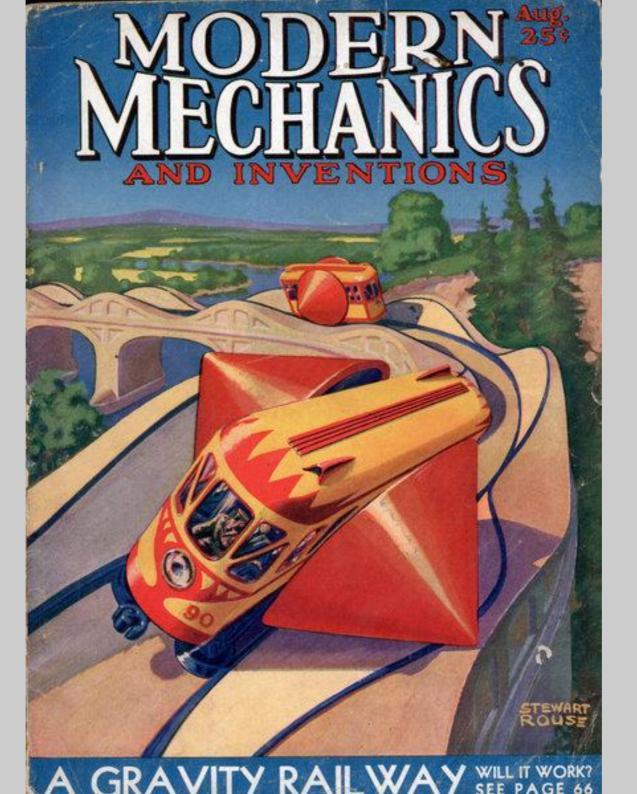


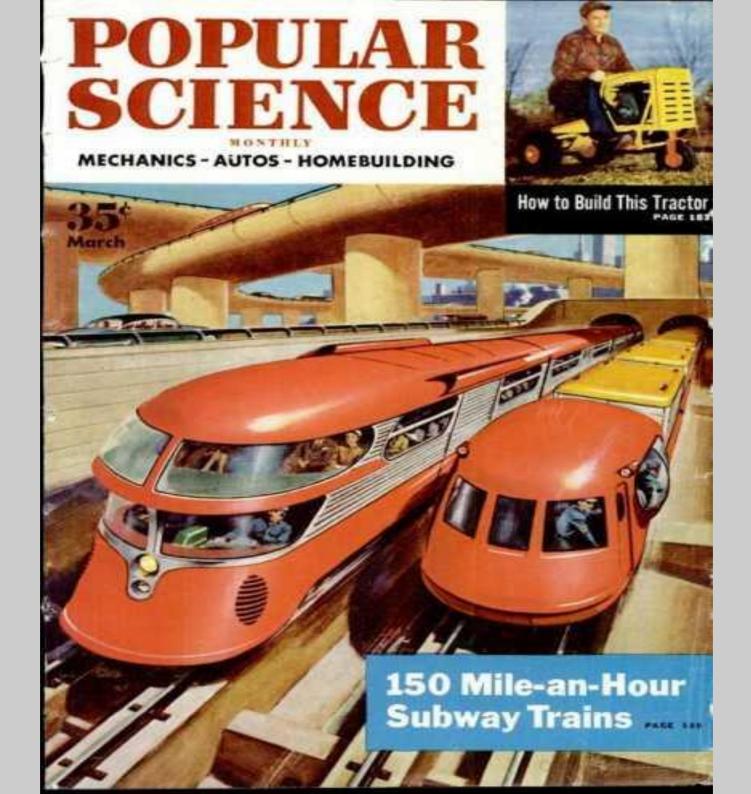


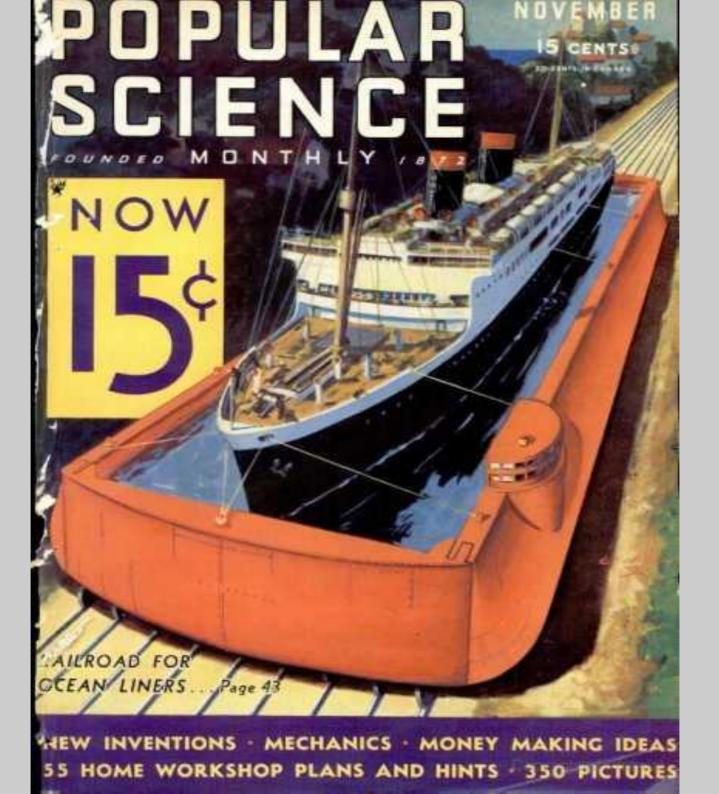




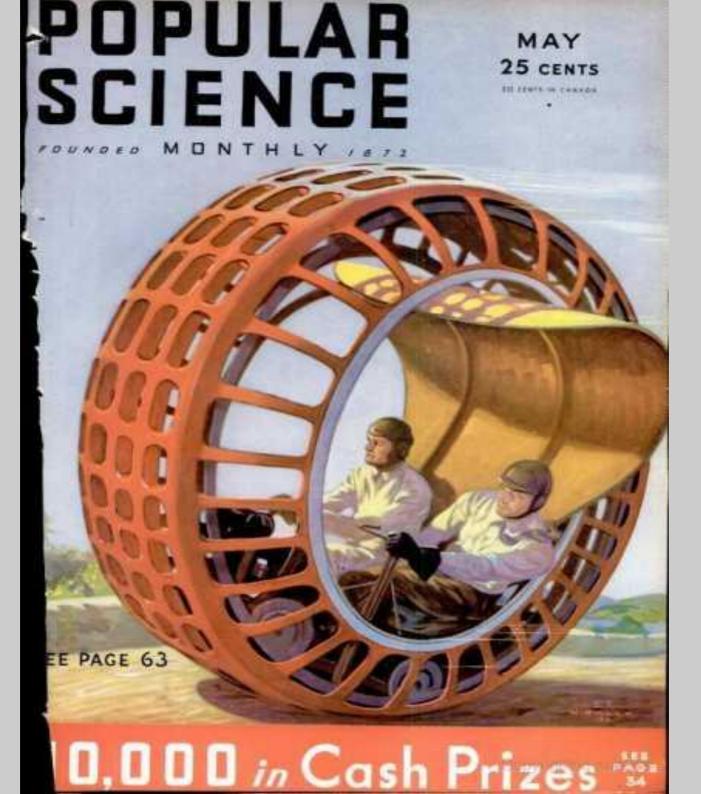


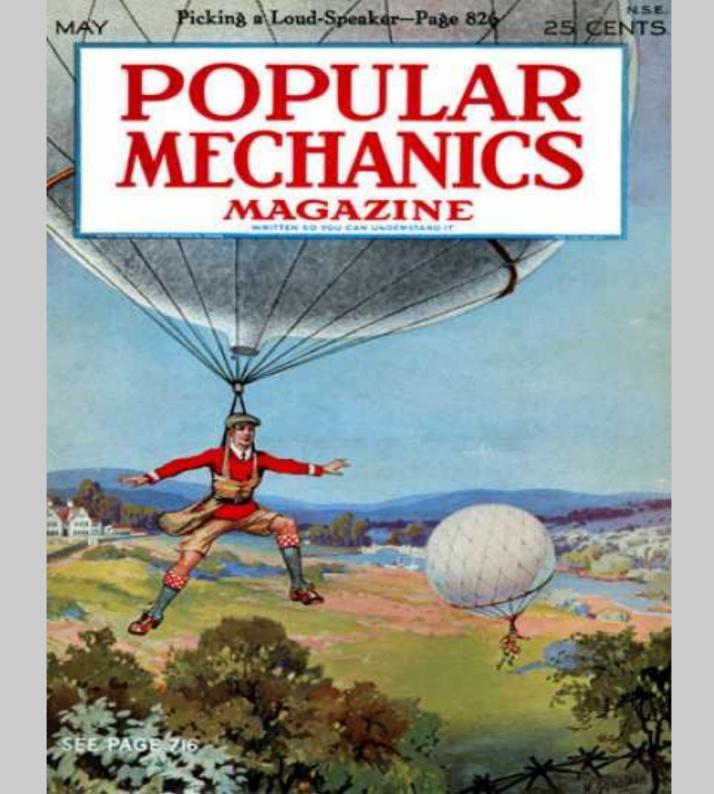








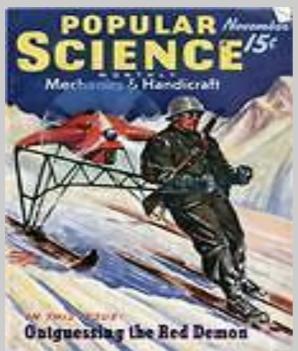


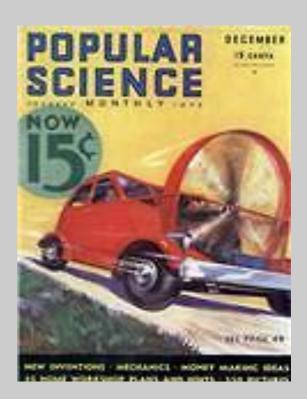


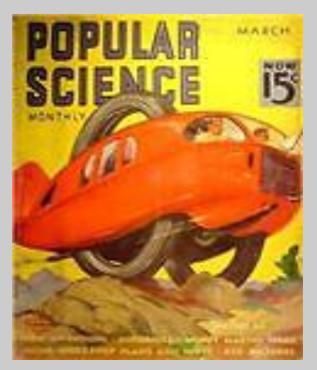


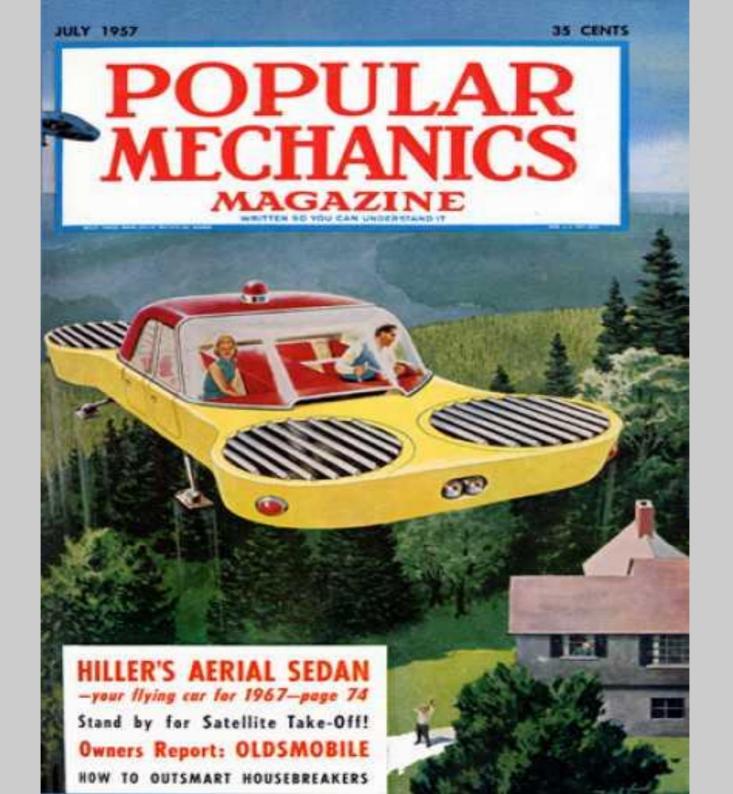


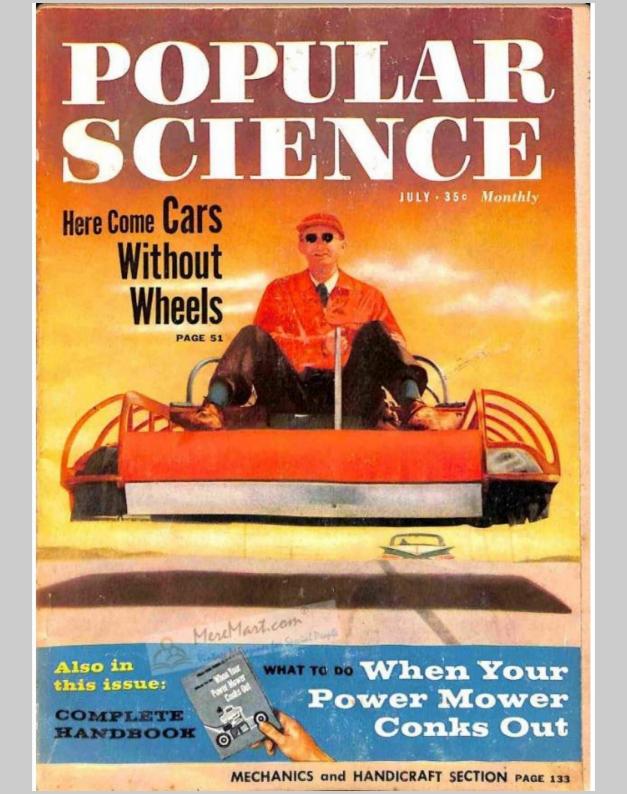








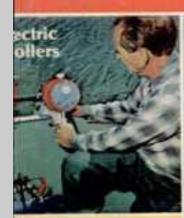




# POPULAR SO CENTS POPULAR SCIENCE

### AIR BAGS:

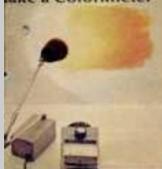
Will They Help You Survive "Fatal" Car Crashes?



The Truth About Limited-Slip Differentials

New Underwater reathing Systems By SCOTT CARPENTER

ake a Colorimeter





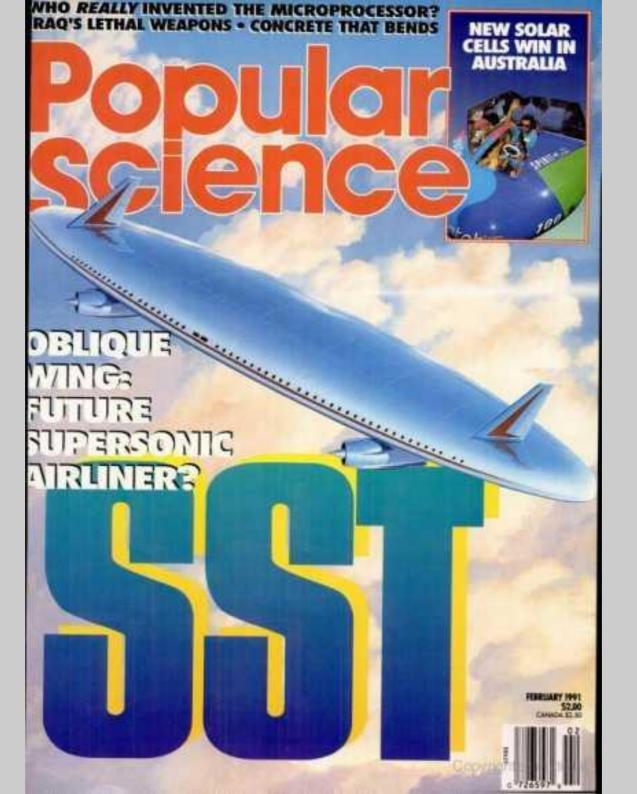


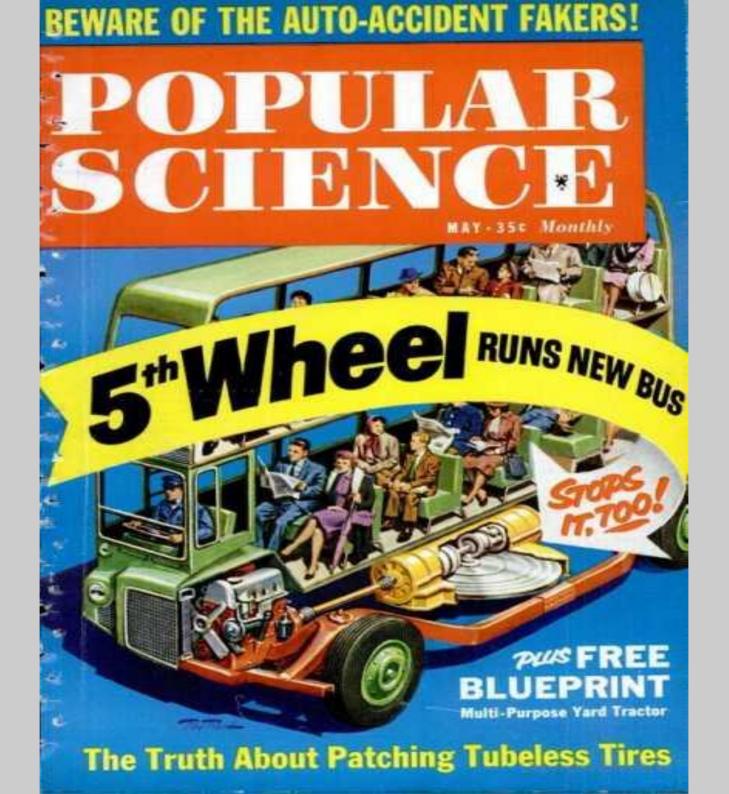
Not just for ice, snow, and mud— WHY YOUR NEXT CAR WILL HAVE 4-WHEEL DRIVE

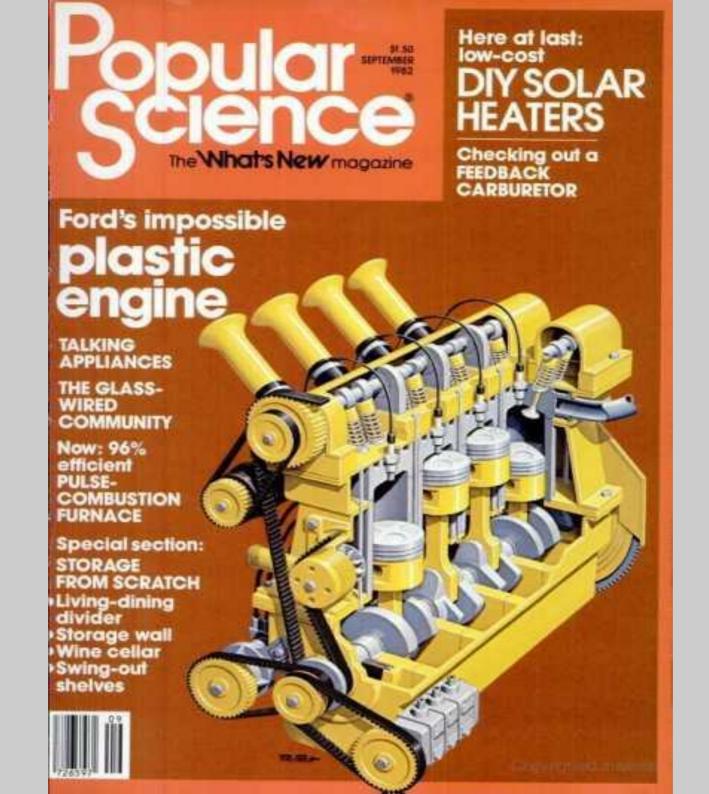
So long, jets? Ingenious new superblades make

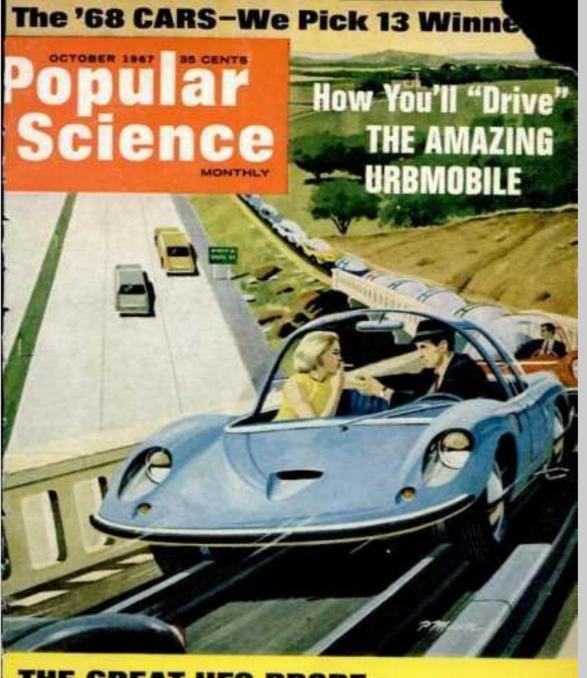
## PROP LINERS AS FAST AS JETS











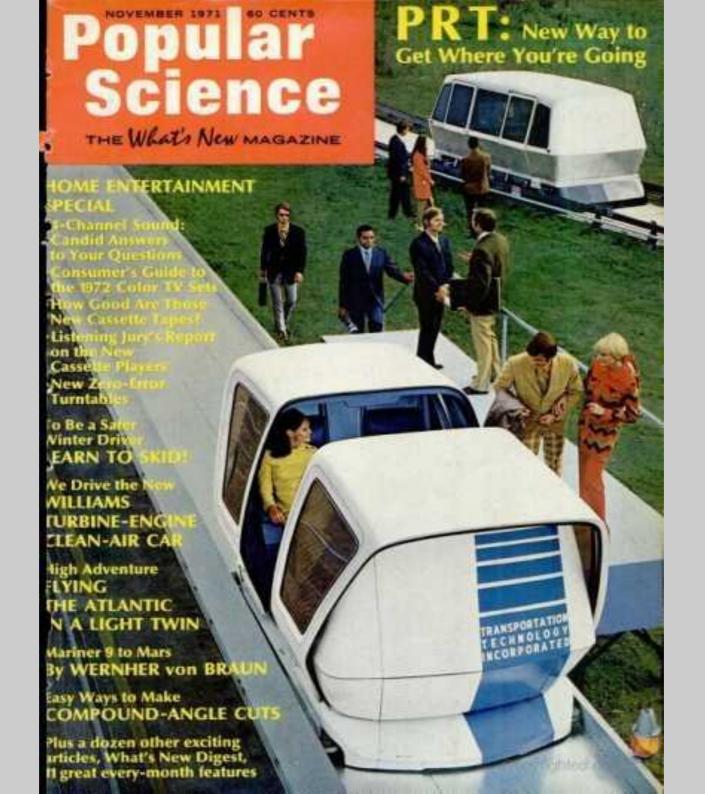
## THE GREAT UFO PROBE— Can You Trust the Upcoming Condon Report?

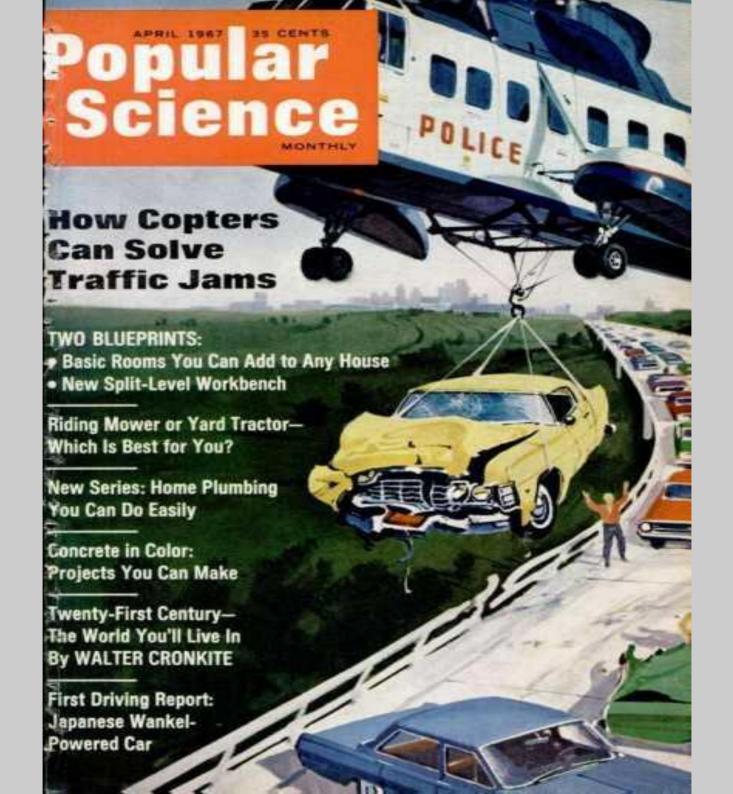
SELECT YOUR-

- '68 Outboard
- 120 Camera
- · New Chain Saw

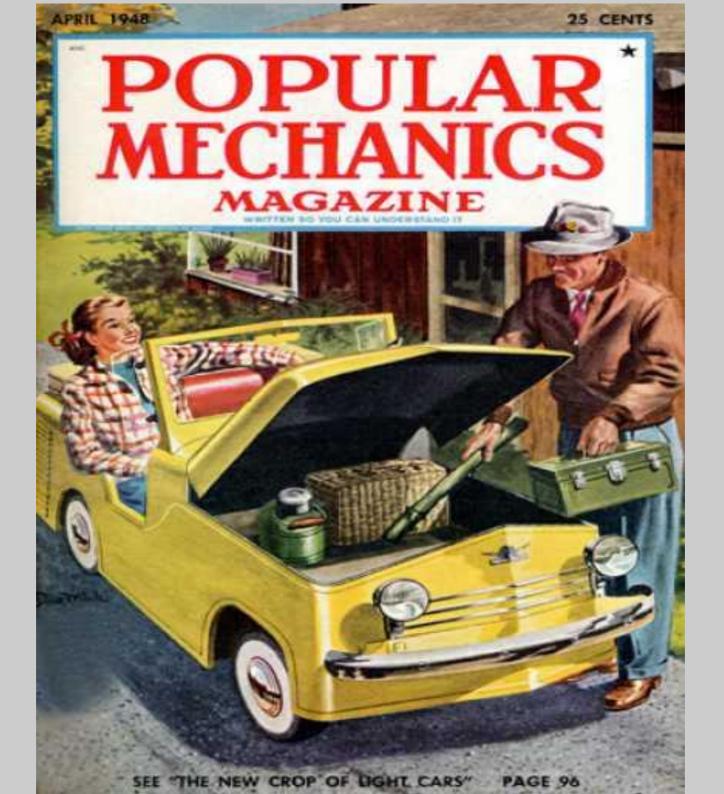
MAKE YOUR-

- · Provincial Desk
- Deep-Hole Drills Battery Charger
- · Lock-Un Gun Cabinet













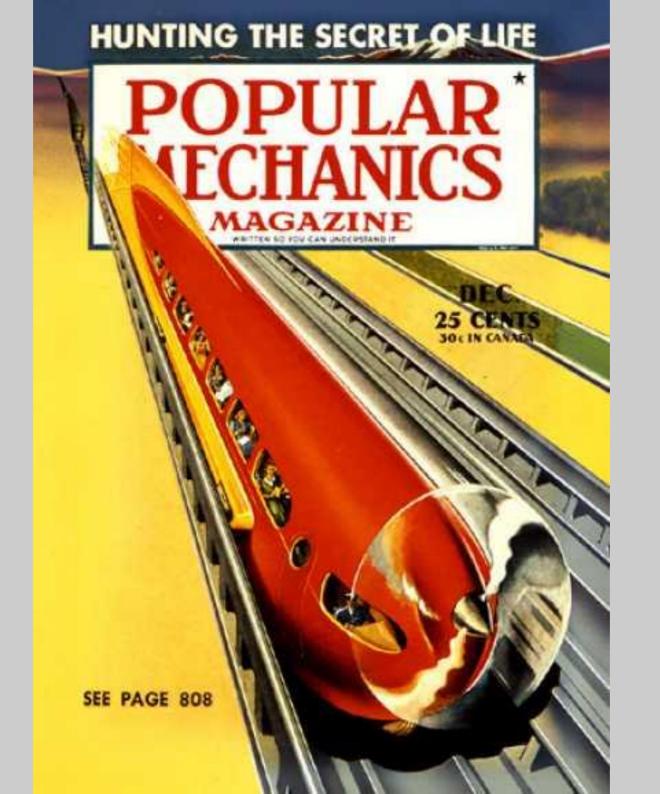


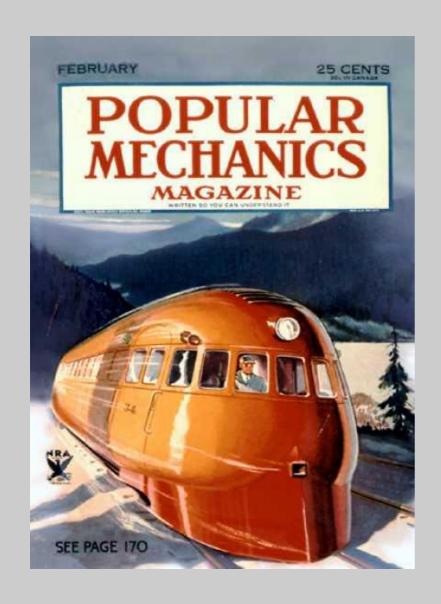


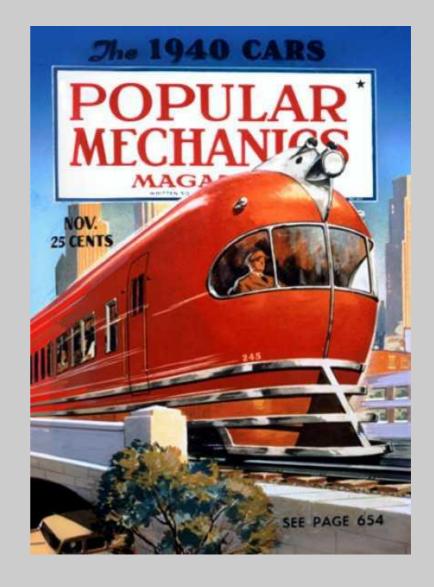
# POPULAR MECHANICS MAGAZINE

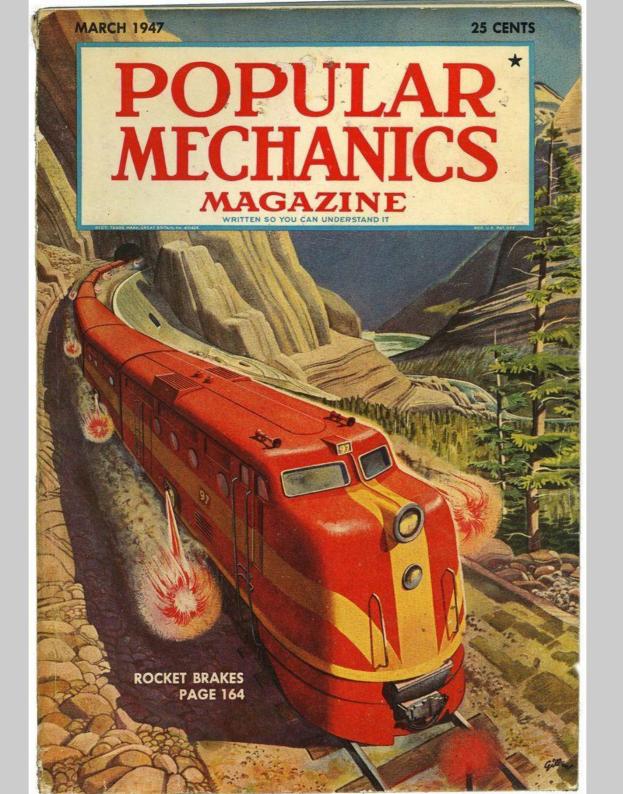
MESTER NO TOO CAR UNDERSTAND OF

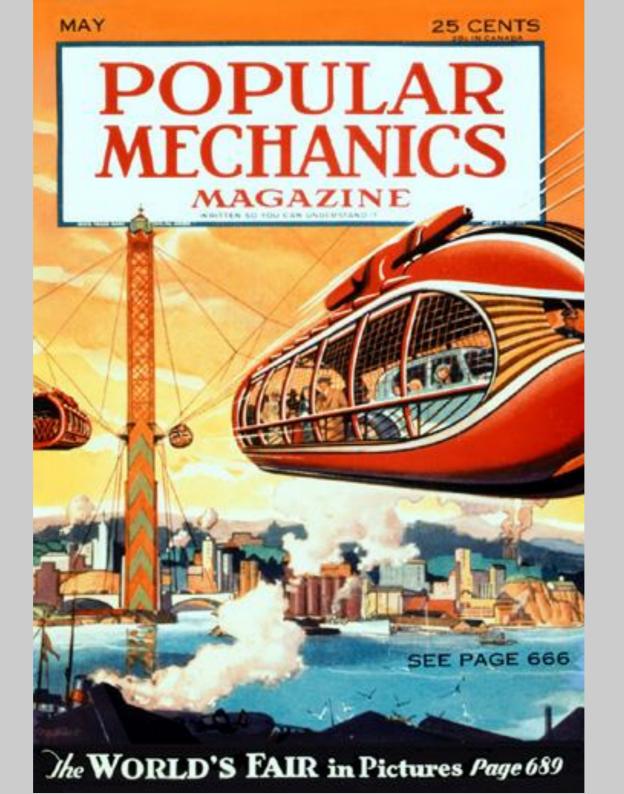


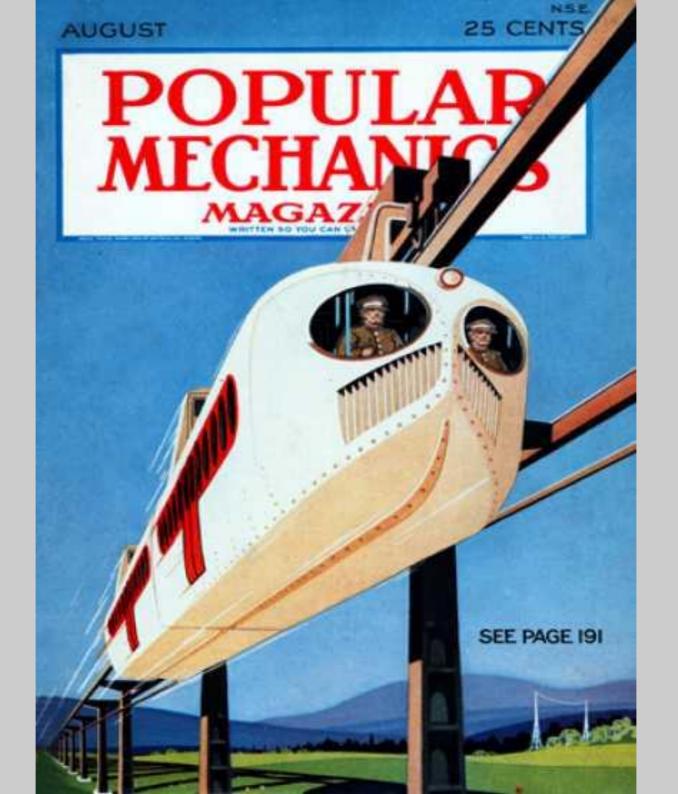








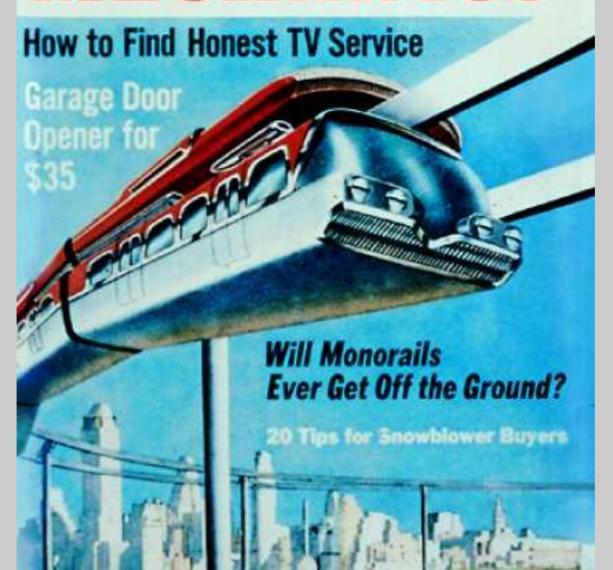




#### **Make Your Yard a Christmas Card**

Six New Holiday Season Project-a-Plans

# POPULAR DEC 1963 AS CENTS MECHANICS















## Optically-Guided Trackless Train No Rails







Planting vegetation along light rail tracks is possible, help filter rainfall and reduce flooding, runoff would contain less pollutants than if it had fallen on hard surfaces such as concrete









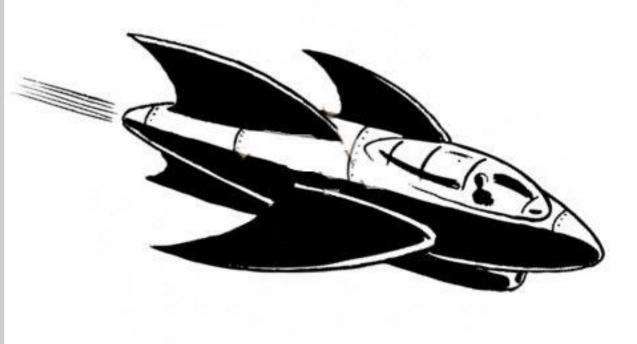






Hyperloop contains every single cost of a standard High Speed Rail system, plus the added cost of the vacuum tube, plus the massive amount of energy needed to keep the entire tube constantly pressurized. It will offer much lower passenger capacity, and zero passenger comforts, compared to a standard HSR.



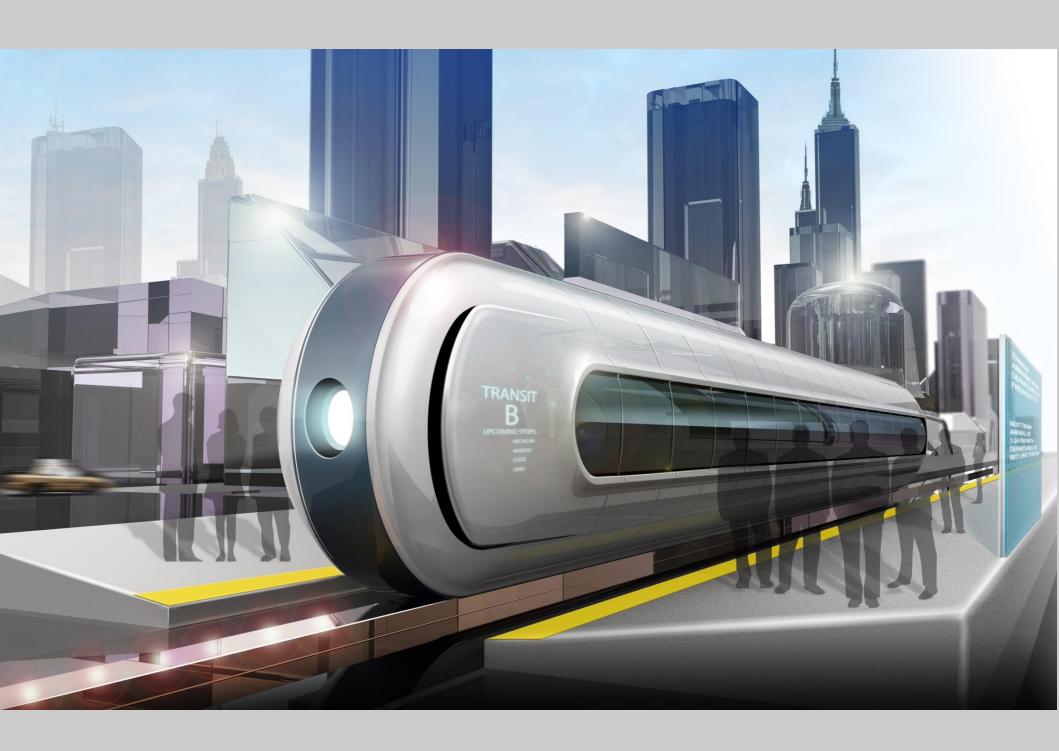






### UK Gov't announces it will be nationalizing train lines







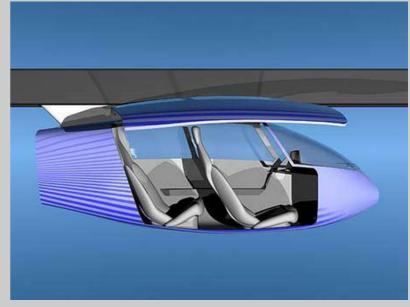


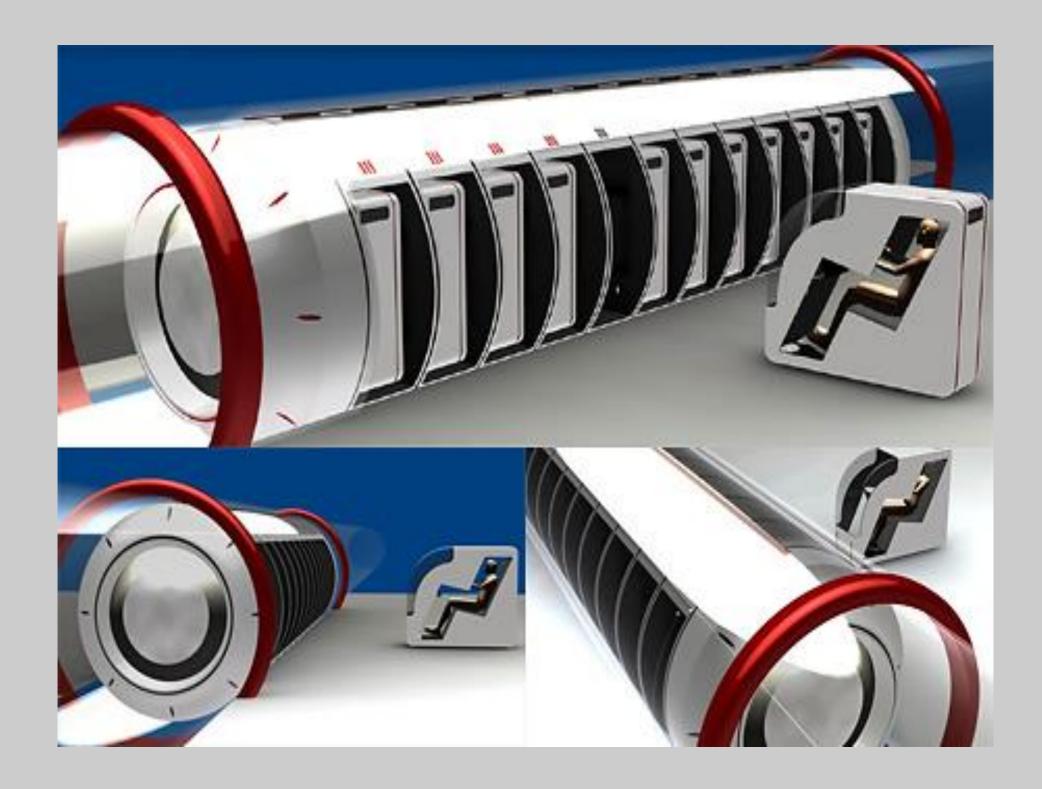


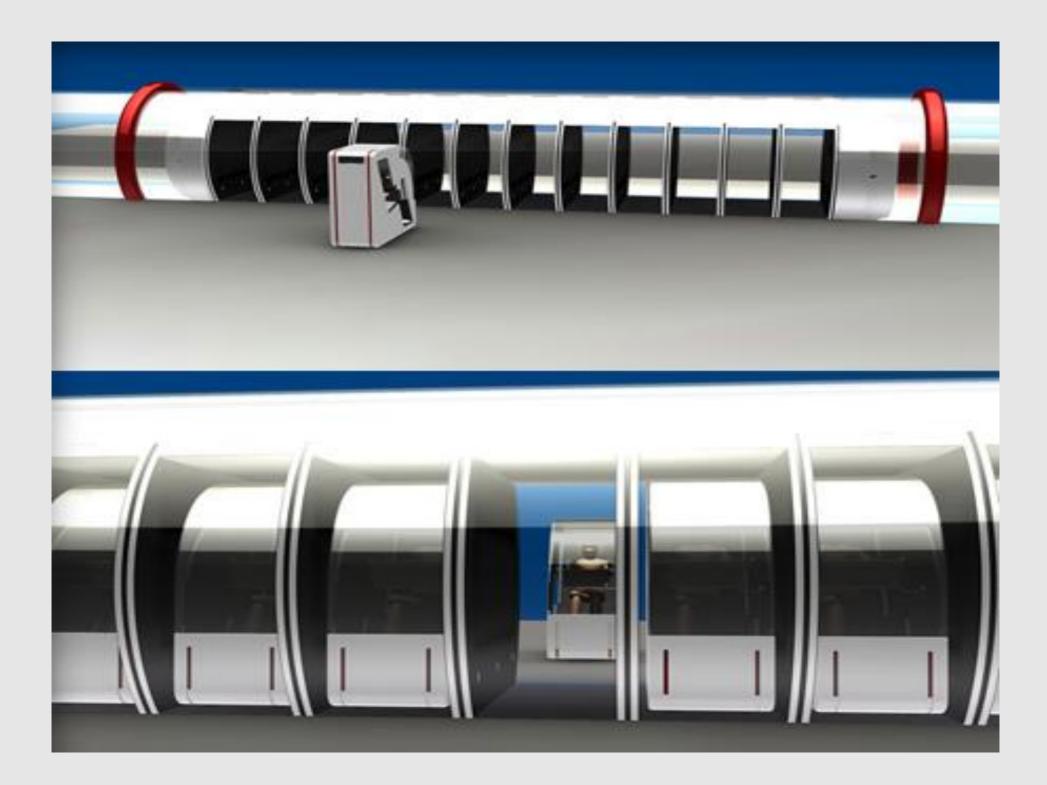










































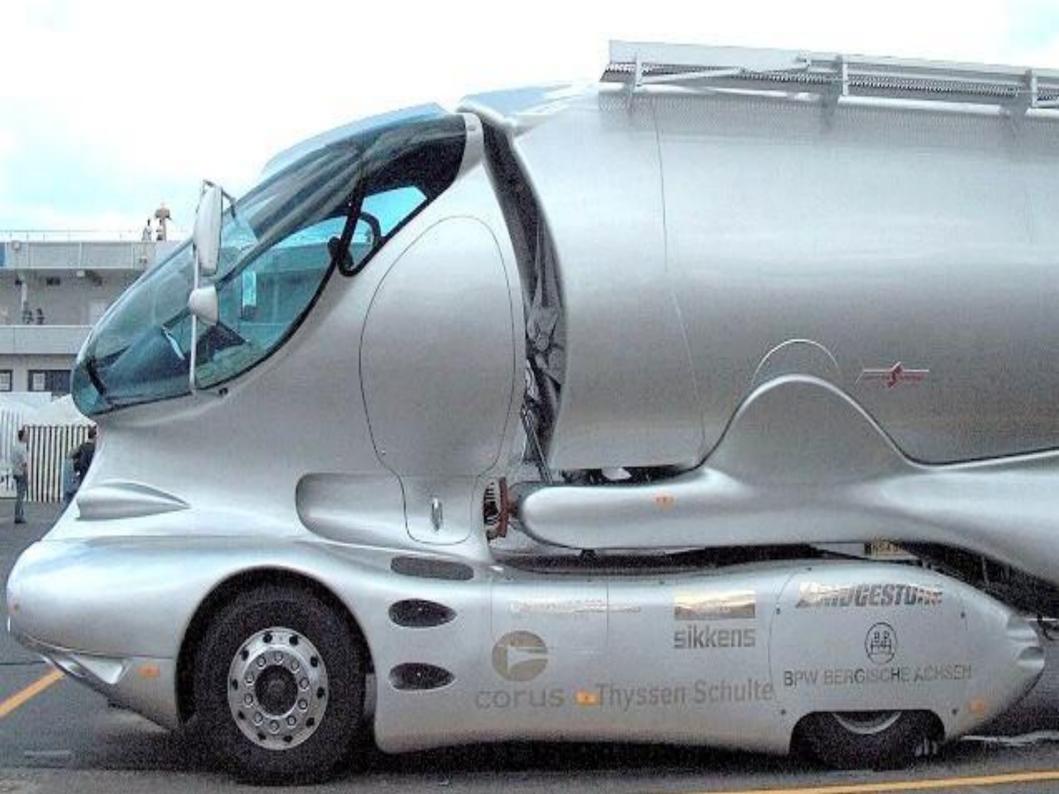


Super-buses glide over traffic

Straddling bus will be prioritized in the traffic light sequence such that it will always have green lights to move through





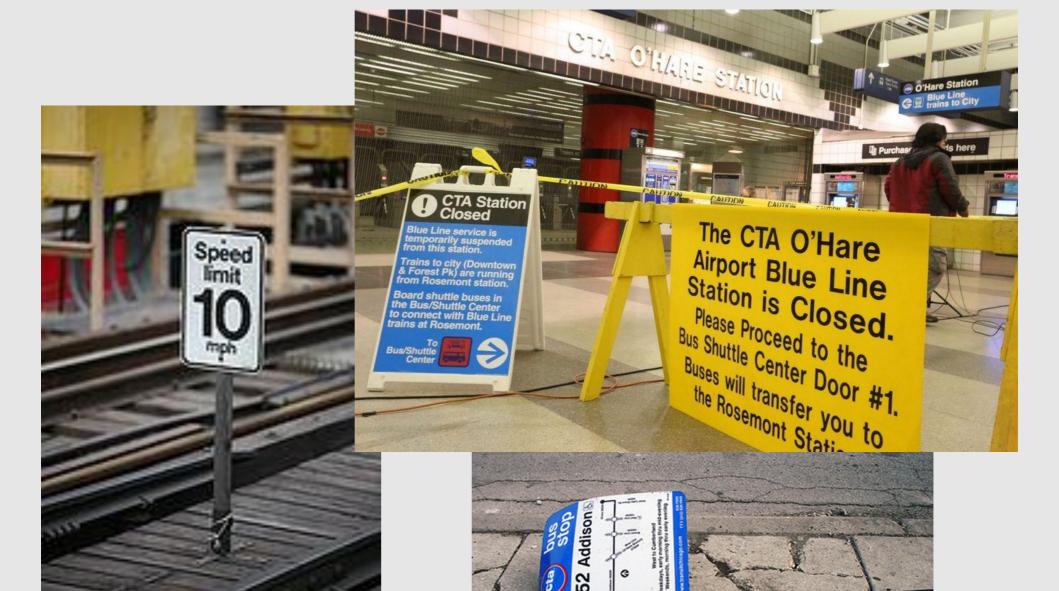




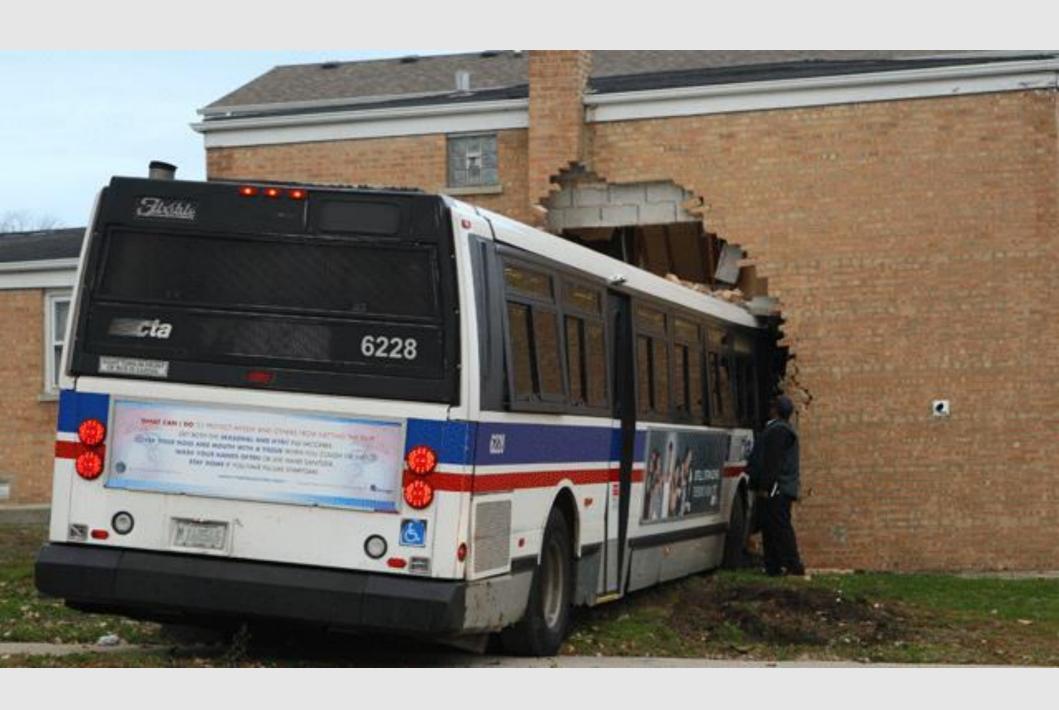


















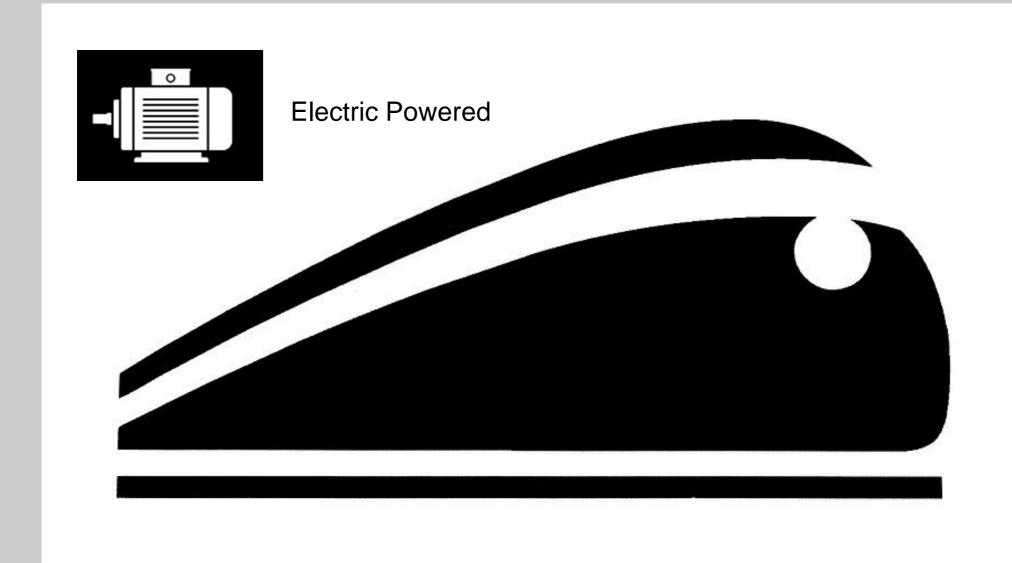






## Citizens Taking Action for transit and trains Meetings Every First Monday of Each Month 7-9:00 PM

## and the New York and Chicago Railroad



America now has a 97% oil-reliant transportation system