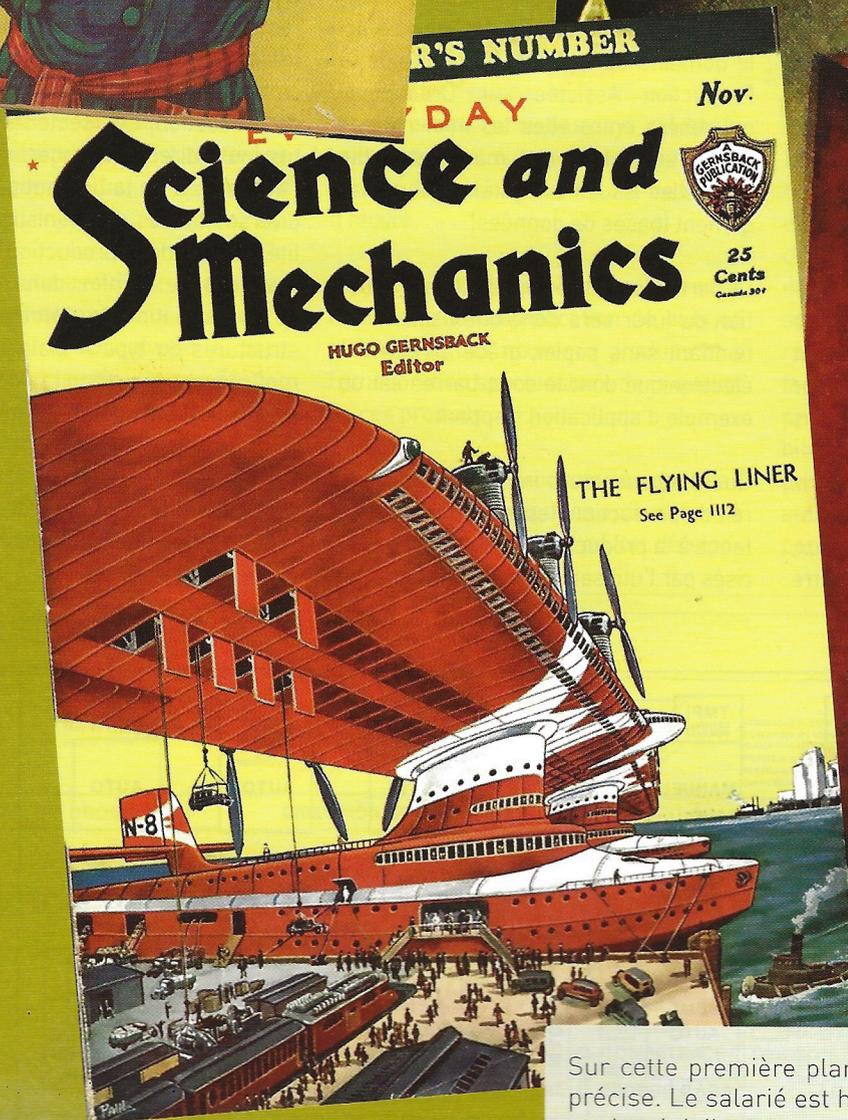
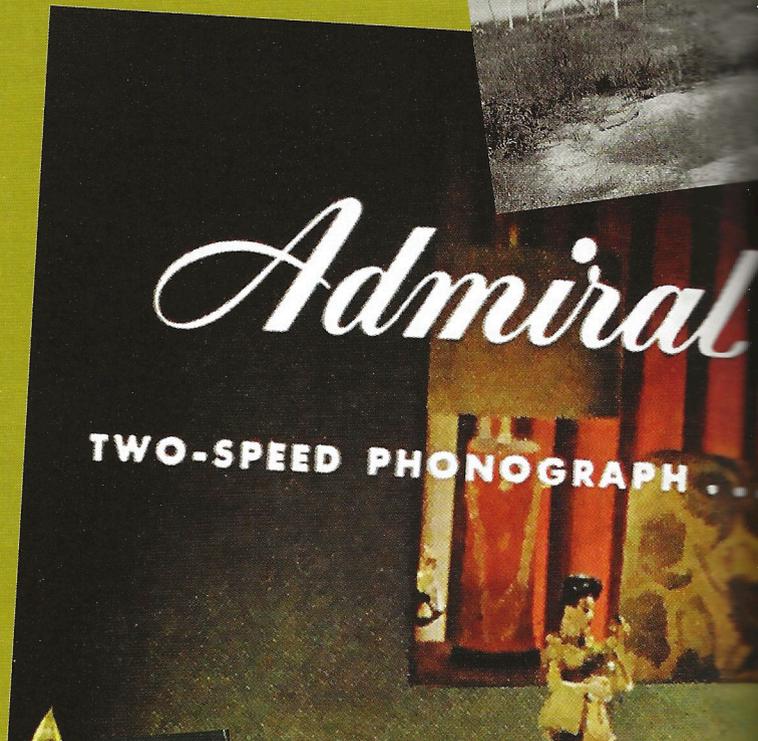
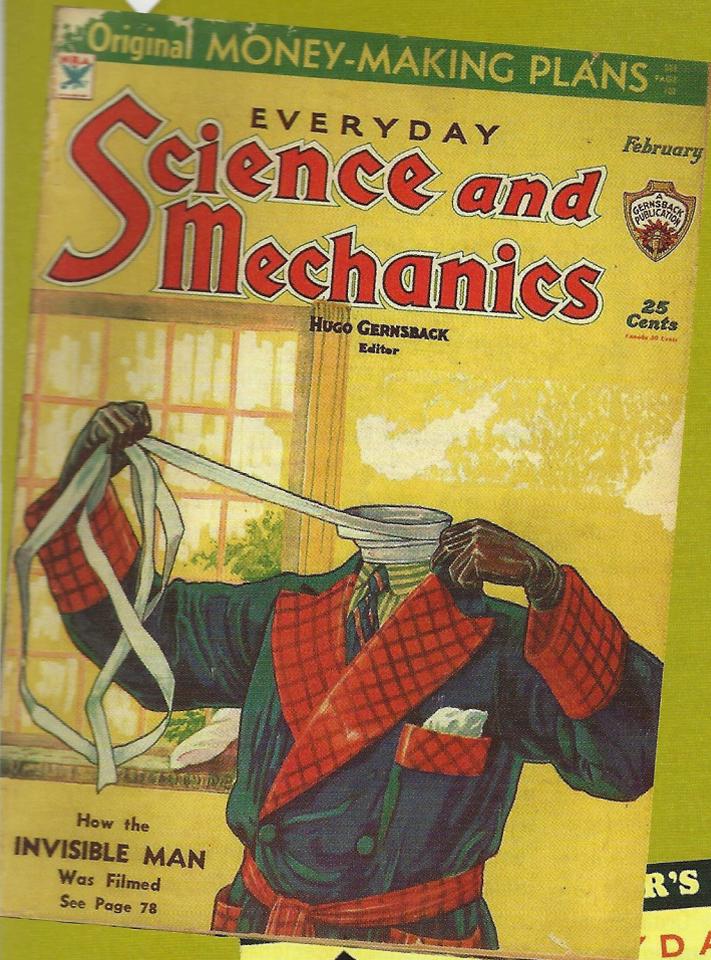
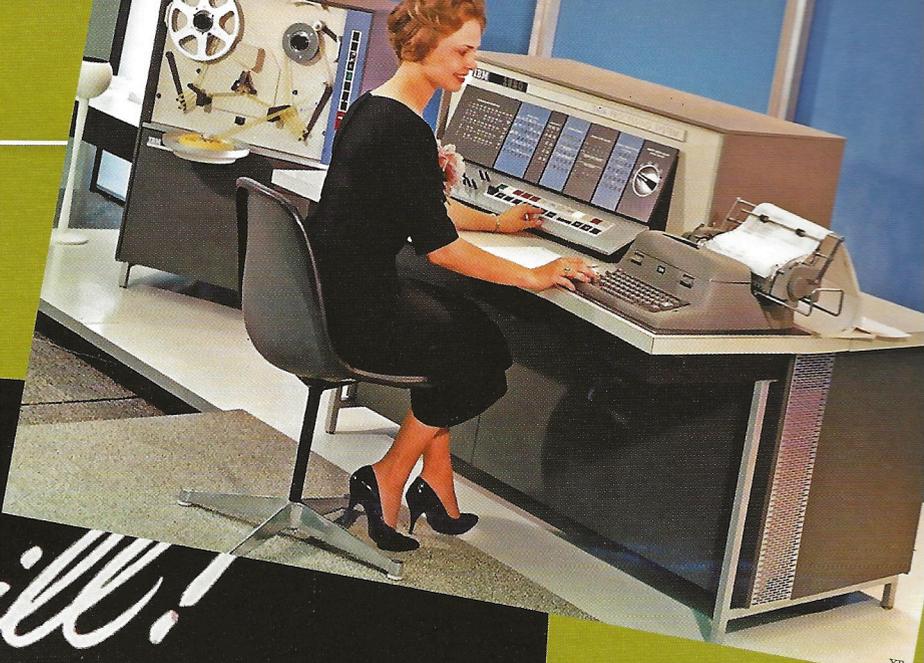
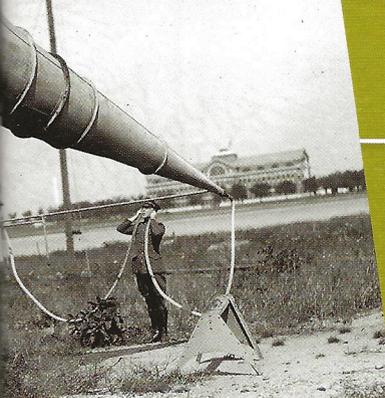


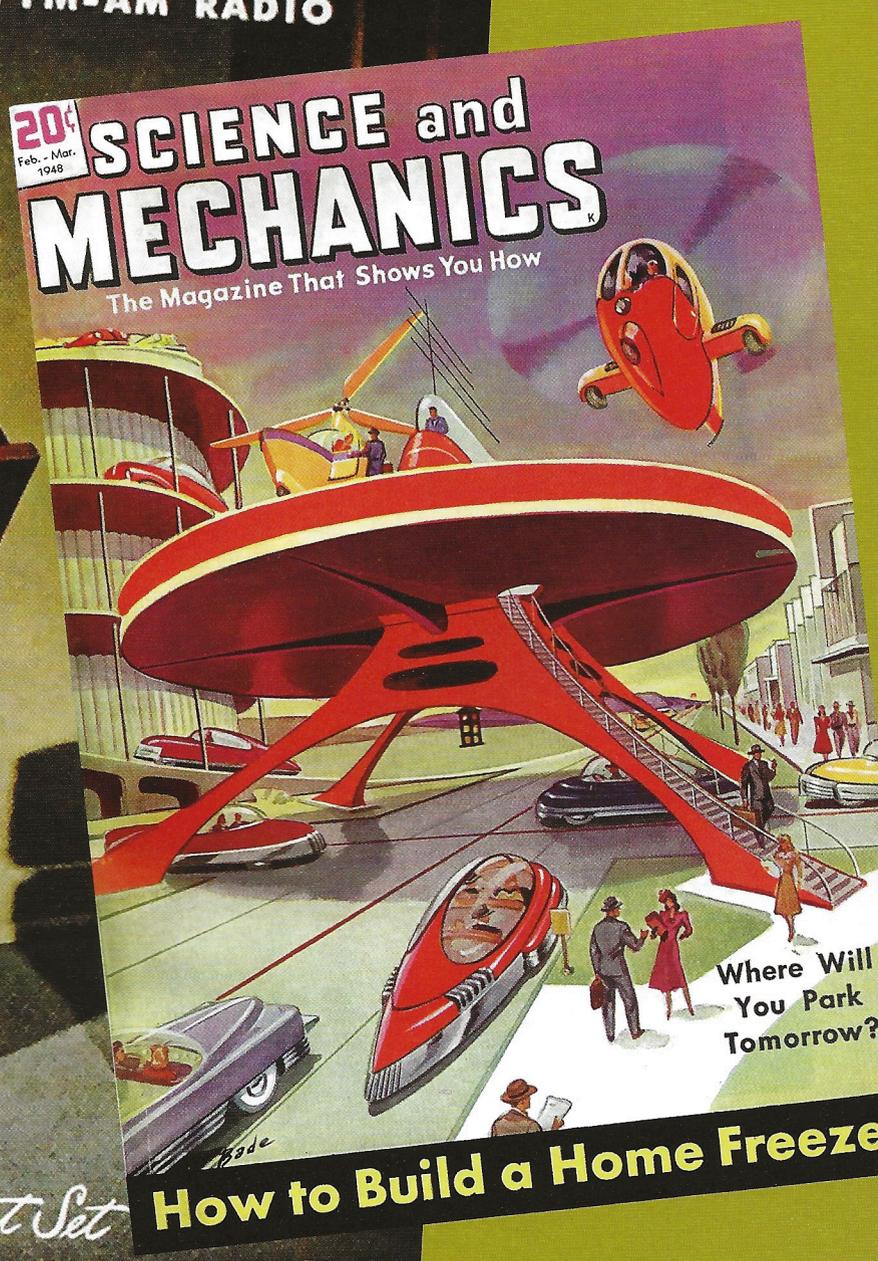
# L'industrie du futur, d'hier





*Triple Thrill!*

MAGIC MIRROR TELEVISION . . . FM-AM RADIO



*America's Smart Set*

**How to Build a Home Freezer**

PM XR

# L'industrie du futur, d'hier



This is GE Performance Television.  
GENERAL  ELECTRIC

## MECHANICS TODAY

SCIENCE • HOMECARE  
AUTOS • BOATS • SHOPWORK  
CRAFT and HOBBIES

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Home Owner,  
Beware of Frauds!

A Pyramid Publication

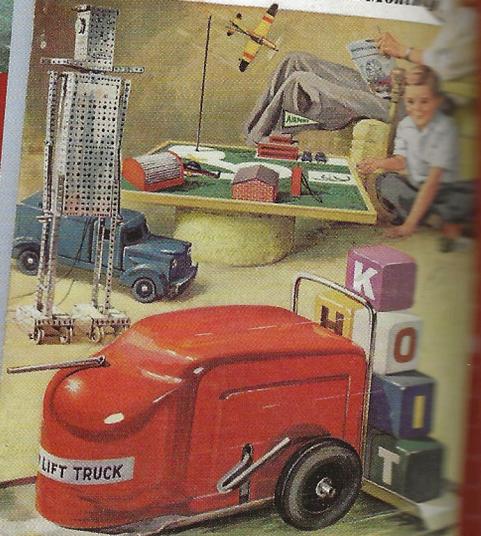
THE NEW  
DO-IT-YOURSELF MAGAZINE

NOV. 25

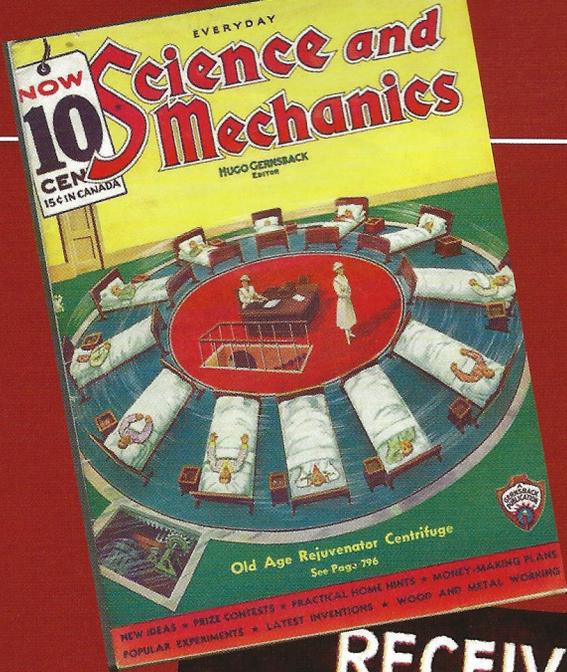


## POPULAR SCIENCE

Dec. 25  
Monthly



THE TRUTH ABOUT PLASTIC AUTO BODIES  
HOW TO CHOOSE YOUR FIRST BOAT



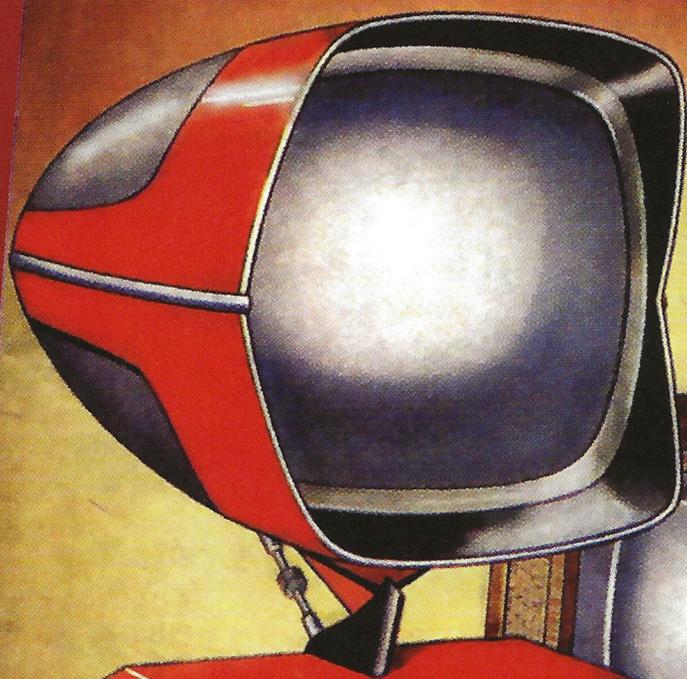
RECEIVING BAND  $\nabla$  SIGNALS

# Practical Television '13

JULY, 1958

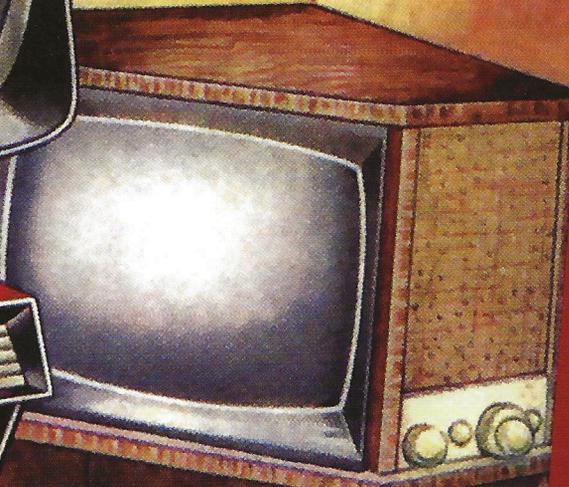
AND TELEVISION TIMES

EDITOR: F.J. CAMM



**Contents**

- HEATER-CATHODE TUBE SHORTS
- ITV IN DIFFICULT AREAS
- UNIVERSAL ALIGNMENT METHOD
- A 600 Mc/s OSCILLATOR
- A CUBICAL AERIAL FOR TV



La cuisine est moderne et le magazine « Popular Science » donne un avant-goût de la maison et des transports du futur.

Mais outre les moyens de transports, très présents à l'époque, la santé fait son entrée et les attractions également avec la visite du fond des mers... une fois rajeuni par la centrifugeuse.

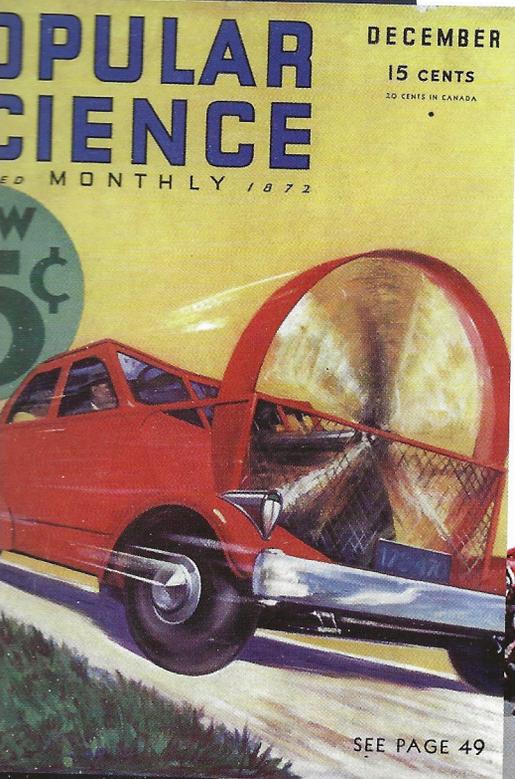
L'industrie du futur, d'hier

WORLD OF TOMORROW

# Copter Cops

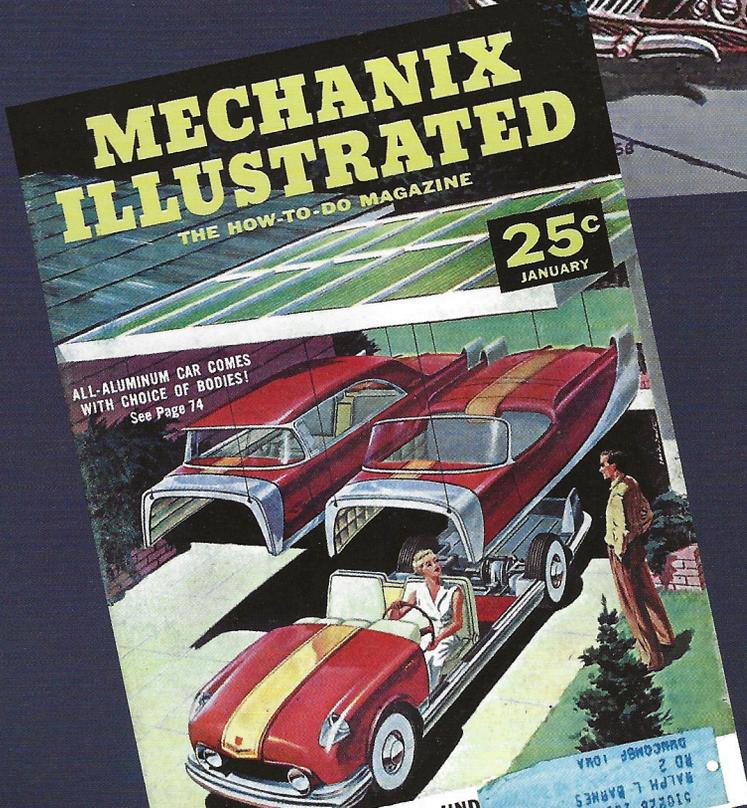
By Frank Tinsley

TODAY'S high-speed turnpikes require ground-bound traffic police to take to the air and graduate to the status of "Copter Cops," mounted in a vehicle that could speed safely above the car-choked roads and provide a bird's eye view of driving conditions and dangers. Such a vehicle could go far beyond the utility of the present patrol car. It could control traffic speed, clear jams at bottle- [Continued on page 152]



SEE PAGE 49

MECHANICS • MECHANICS • MONEY MAKING IDEAS  
WORKSHOP PLANS AND HINTS • 350 PICTURES

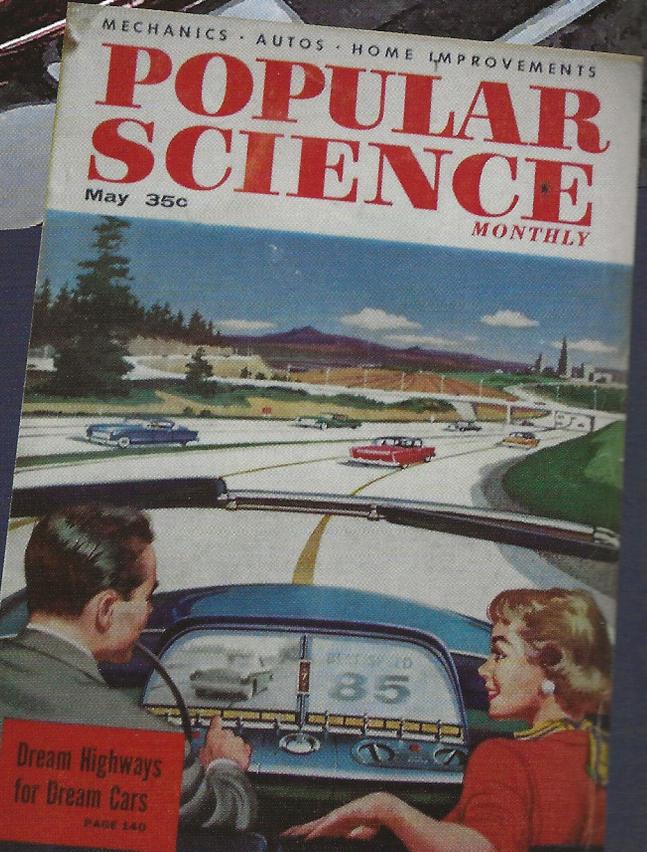


## MECHANIX ILLUSTRATED

THE HOW-TO-DO MAGAZINE

25c  
JANUARY

ALL-ALUMINUM CAR COMES WITH CHOICE OF BODIES!  
See Page 74



MECHANICS • AUTOS • HOME IMPROVEMENTS  
**POPULAR SCIENCE**  
MONTHLY

May 35c

Dream Highways for Dream Cars  
PAGE 140



right tires instead of four, and  
ers a day for almost 4 years, you  
e much tire mileage as Good-  
the lasting the Super-Cushion  
al tires!

ire test miles, they've proved  
will give you more mileage

than conventional tires. Here's why:  
The Super-Cushion is bigger, softer, runs on  
low air pressure. It has more tread on the road,  
It flows along evenly, smoothly—doesn't bounce and  
skip as a conventional tire does. There's less side-  
swept motion and scuffing.

When it hits a bump, it rolls with the punch,  
makes up the jolt, so bumps ease and fade. And  
it runs cooler. (Heat, as you know, is a tire's worst  
enemy.)

Super-Cushions will fit your present wheels.  
Your Goodyear dealer will buy all the unused  
mileage in your present tires—no trade 'em in on  
a set of extra-mileage Super-Cushions NOW!

**EVERYTHING A TIRE CAN DO...  
er cushion DOES BETTER!**

**Keep your eye on the D-500...**

**IT'S A REAL BOMB!**

These days, more and more of you guys  
who know and love cars are "talking  
up" the fabulous Dodge D-500. And no  
wonder! The D-500 is a real bomb!

In official NASCAR acceleration tests  
at Daytona Beach, the Dodge D-500  
licked all cars—regardless of size, price  
or horsepower.

The D-500 gets out of the chute like  
a jet-propelled slug. Hugs the road like a dirt  
track special. Hits the turns without any  
squeal. Handles like a gem.

Though it performs like an expensive  
custom job, this D-500 is actually the  
slickest-looking production car to come  
up Main Street. Under the hood is a  
260 hp. mill rated to go (with big 12-  
inch center-plane brakes to stop it!)

You can buy a D-500 at any Dodge  
dealership in the country in any body  
style you like. (Costs only slightly more  
than \$100.00 over standard models.)

And it needs only regular Dodge service  
to keep it in razor-sharp condition.

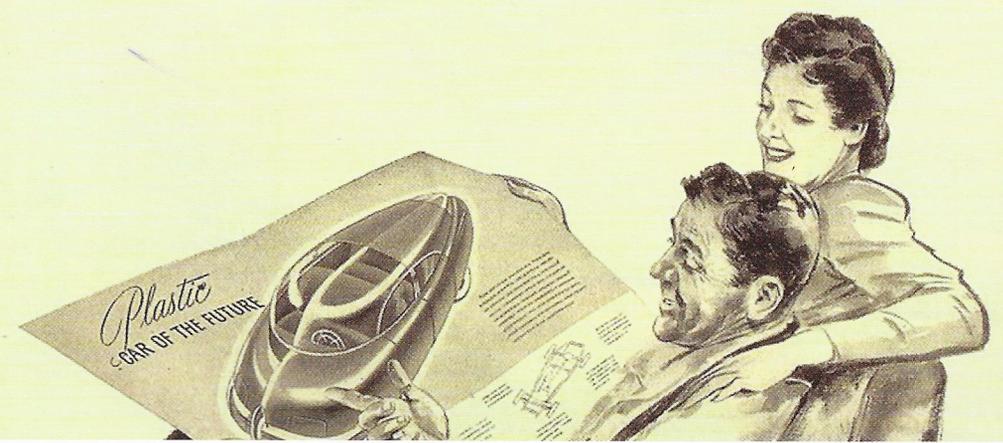
So get behind the wheel and drive a  
D-500 today. See your Dodge dealer.

**Dodge D-500**  
AMERICA'S ACCELERATION CHAMPION

When Answering Advertisements, Please Mention MECHANIX ILLUSTRATED

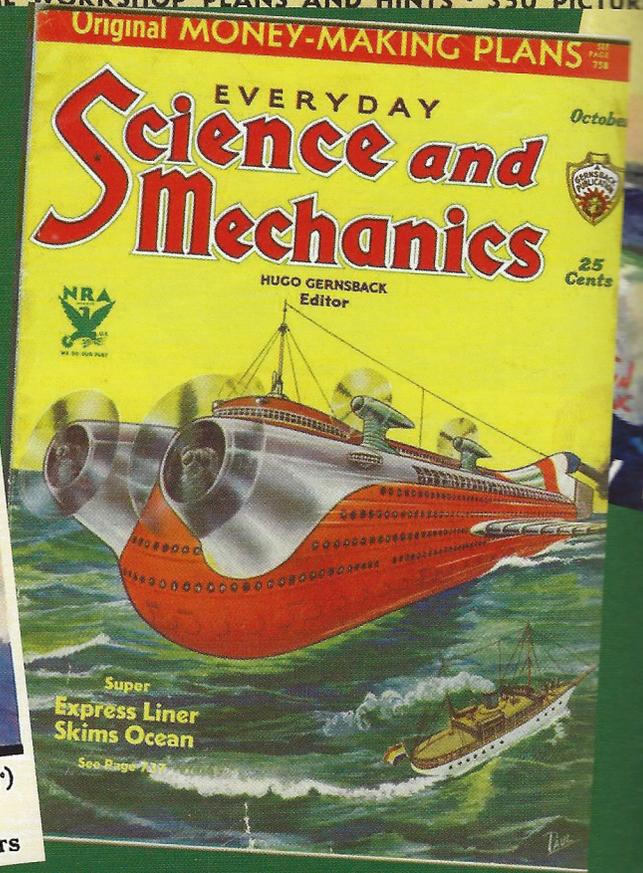
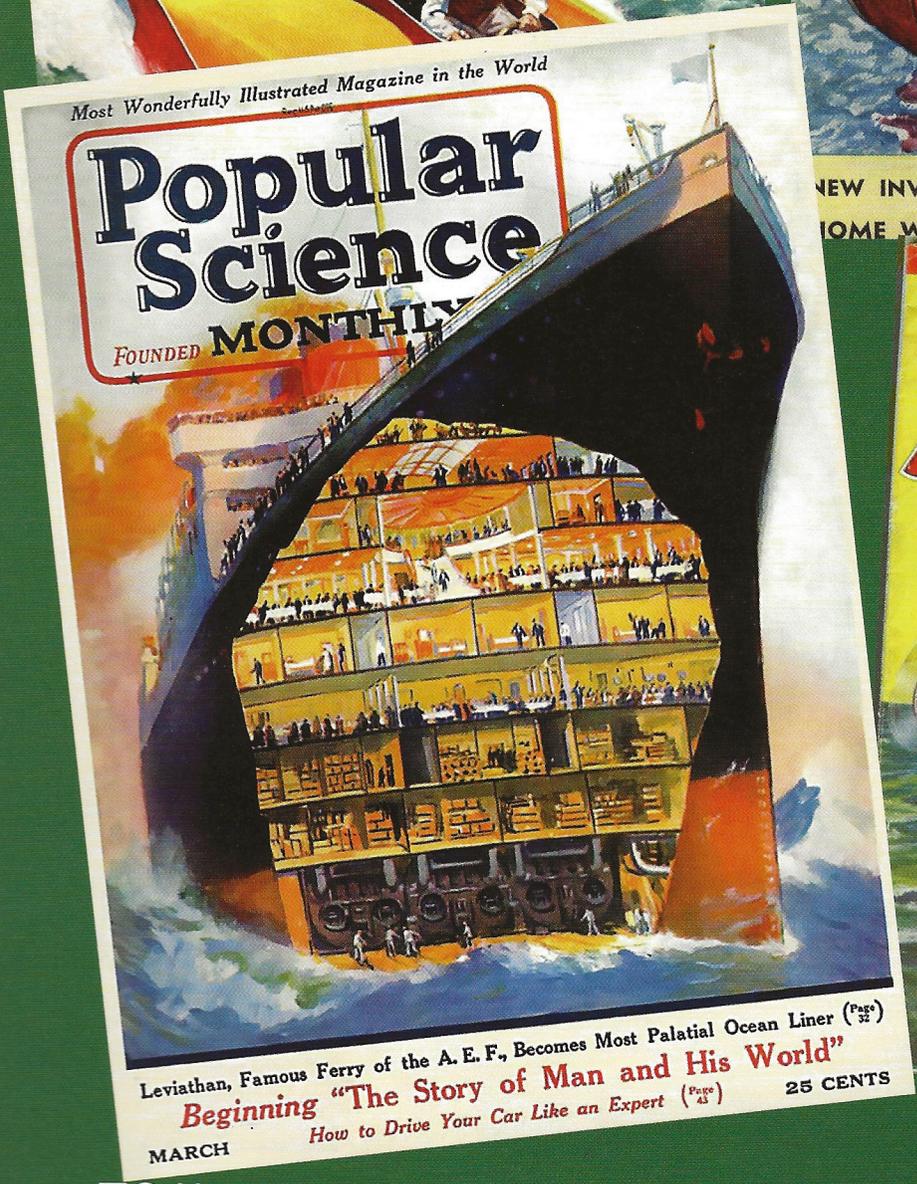
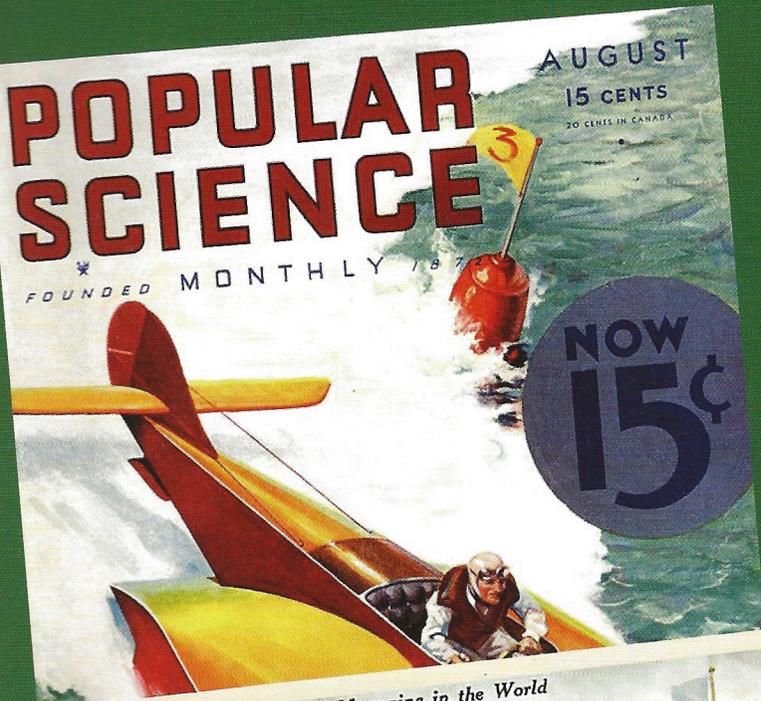
Most powerful engine  
in Dodge history!  
260 hp. V-8 with 315 cubic inch  
displacement, 9.25 for 1 compression  
ratio. Bore 3.63 inches,  
stroke 3.30 inches. Also: 12-inch  
center-plane brakes with 1516  
lb. of car weight per sq. in. of  
lining area—unmatched in  
American passenger cars.

*How American it is... to want something better!*



La voiture devient le rêve de tous. On dessine sa voiture de rêve qui prendra la place de la « Real Bomb » de Dodge. La police est toujours présente, et « Popular Science » nous propose la voiture idéale avec GPS et compteur de vitesse digital. Quand à la voiture huit roues, elle reste encore à l'état de prototype.

L'industrie du futur, d'hier



50#

# POPULAR SCIENCE

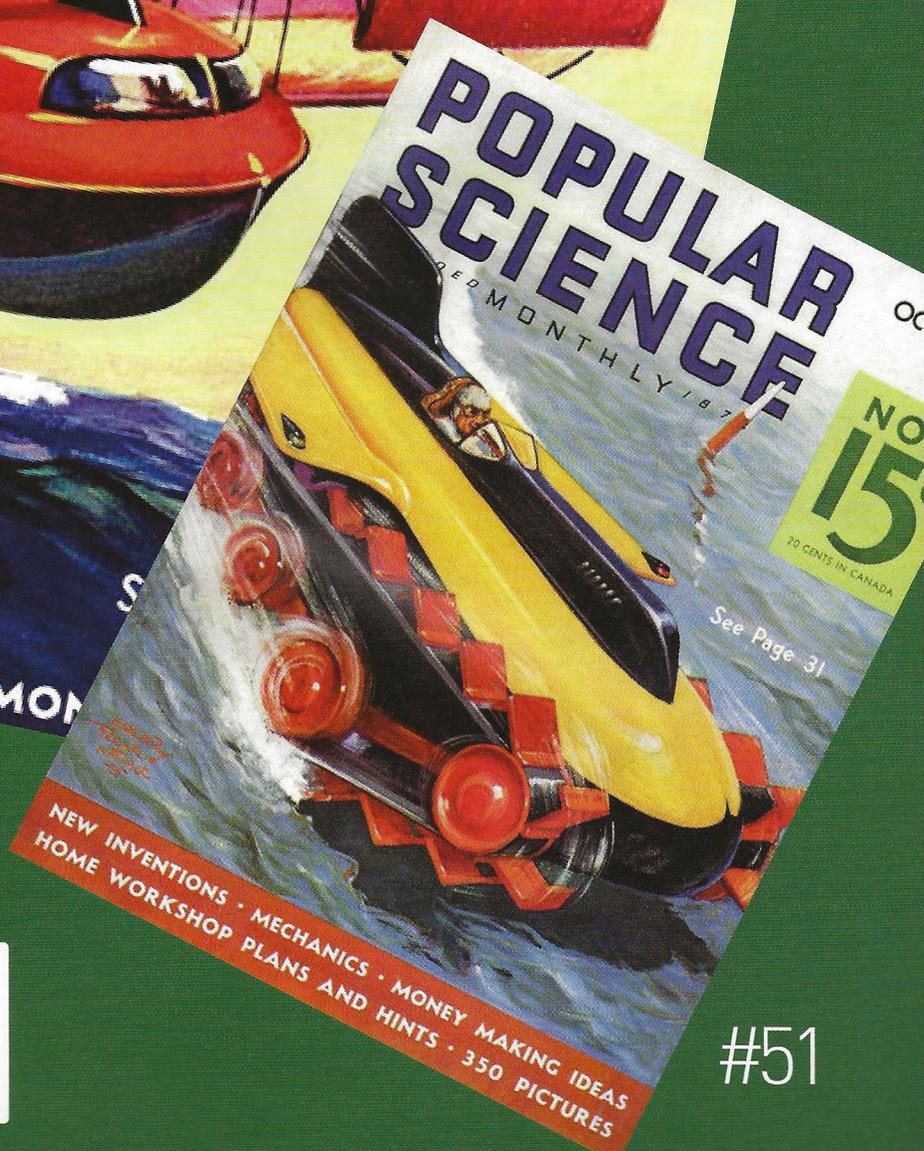
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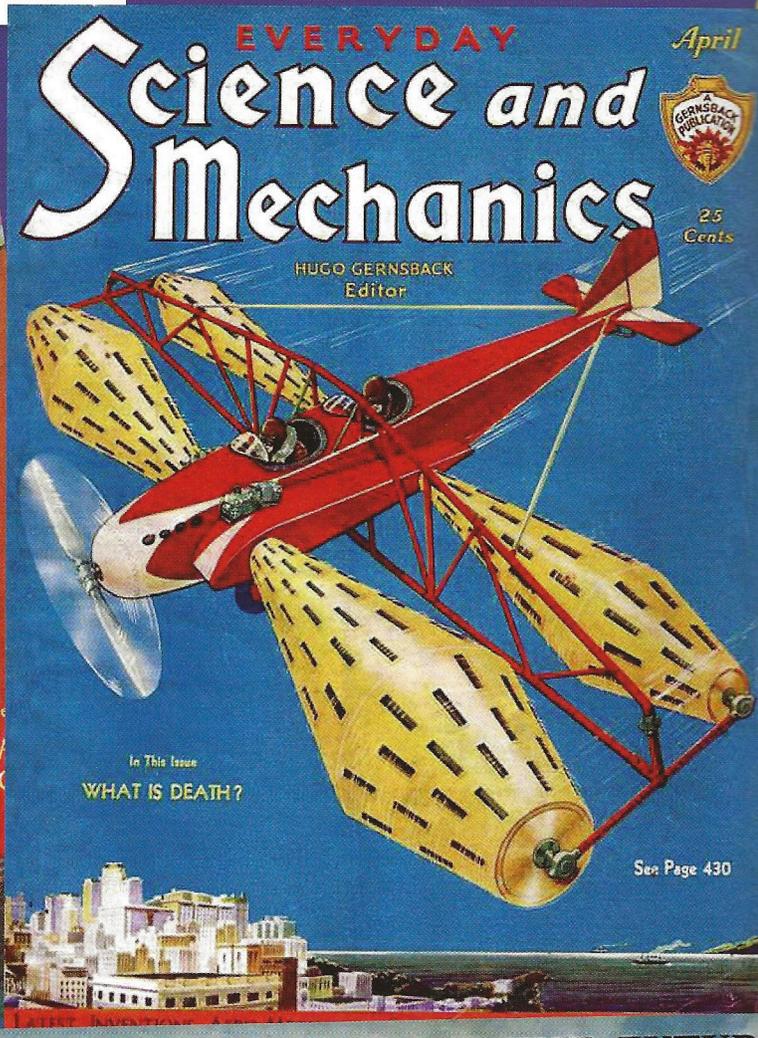
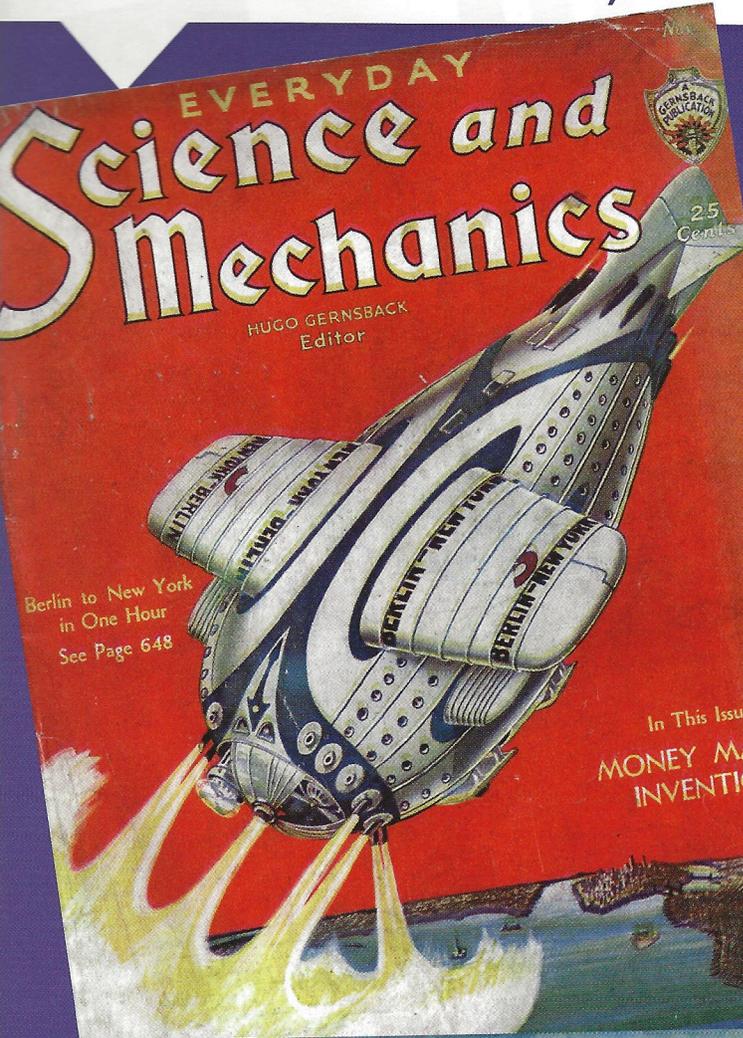
VENTIONS • MECHANICS • MONEY



Après la route, la mer devient le moyen de transport du futur. STX n'a plus qu'à bien se tenir. Surtout que plusieurs solutions à base d'hélices lui sont proposées pour ses futurs modèles.

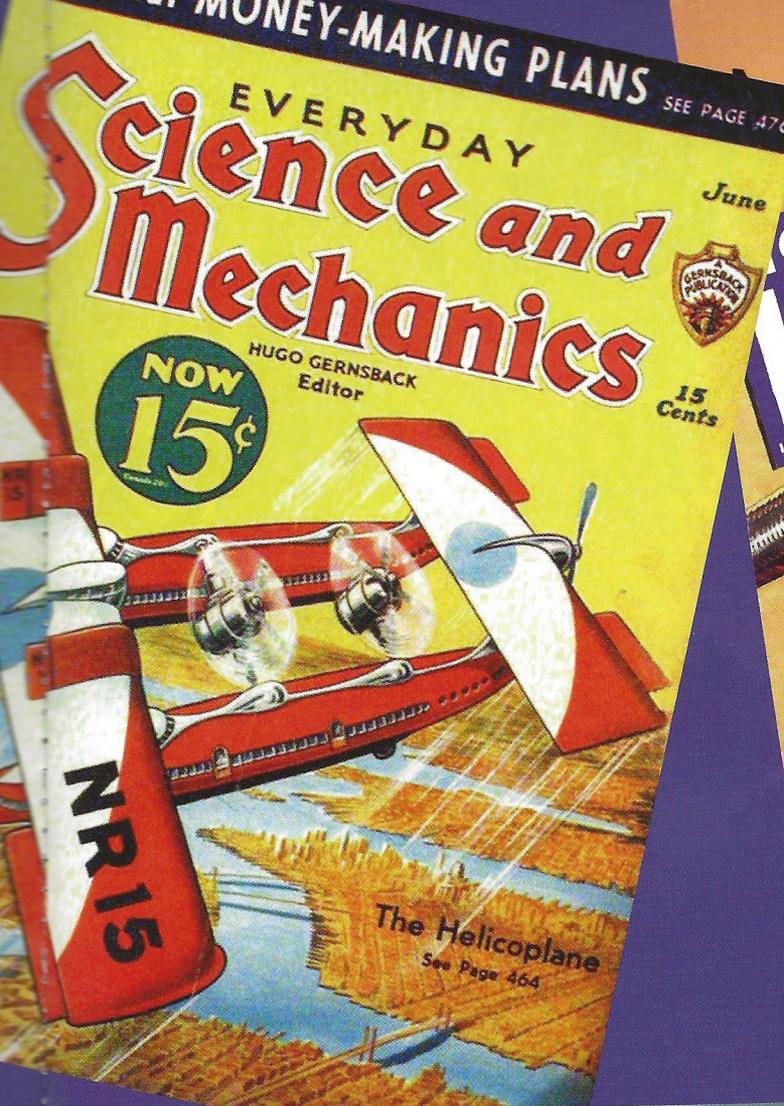
#51

# L'industrie du futur, d'hier



## A FLYING WING JET AIR-LINER OF THE FUTURE



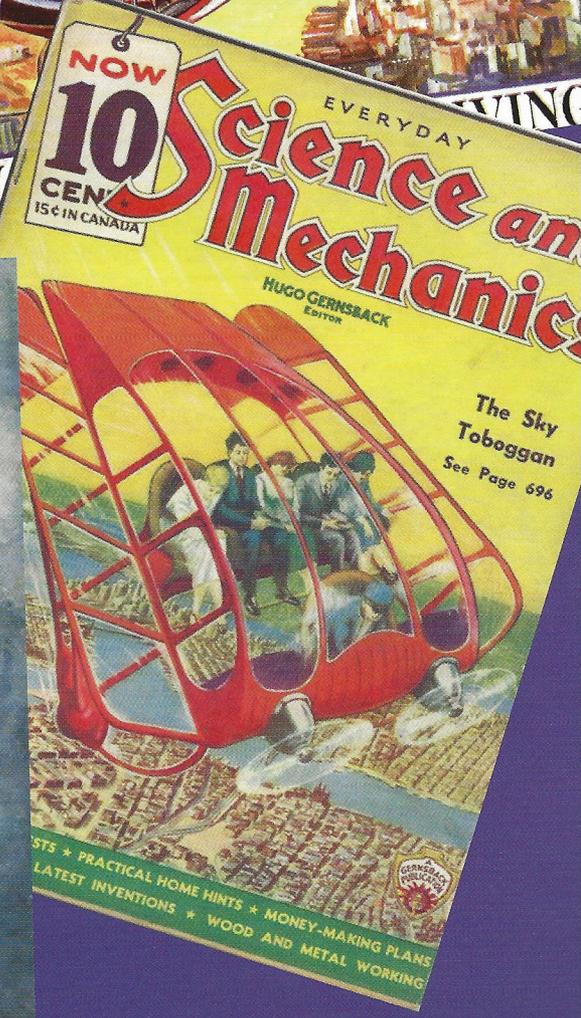


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SEE PAGE 7

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The Sky Toboggan  
See Page 696

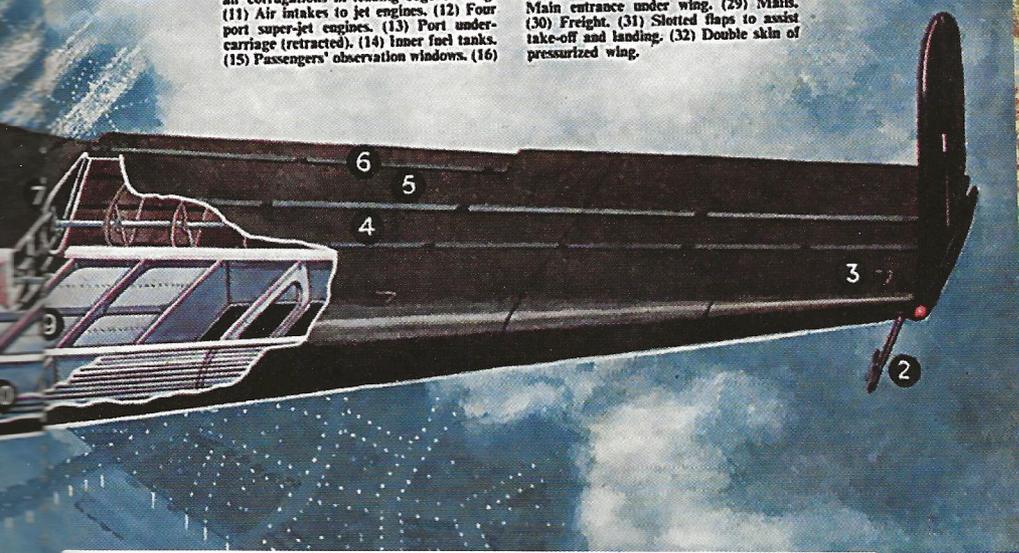
...TS \* PRACTICAL HOME HINTS \* MONEY-MAKING PLANS  
LATEST INVENTIONS \* WOOD AND METAL WORKING

Our artist's impression of a flying wing aircraft is based on scientific data and is quite within the realms of possibility. In fact an American 8 jet-propelled bomber - the Northrop YB-49 - is already built but still on the secret list. In the air-liner the whole of the cabin and cargo space is pressurized for high altitude flying at high speeds. Eight super-jet engines give adequate power. New type combined elevator-aileron controls counteract the tendency to a nose-down movement when the take-off and landing flaps are used. An aircraft of this type would fly non-stop by night to America or India with sleeping passengers.

**KEY TO NUMBERS**

- (1) Rudder and fin (port and starboard).
- (2) Side-slip indicator.
- (3) Exhaust vents for de-icing warm air.
- (4) Corrector for horizontal trim.
- (5) Aileron - elevator controller.
- (6) Trim tab.
- (7) Hydraulic operating gear.
- (8) Main spar.
- (9) Outer fuel tanks.
- (10) De-icing pipe from engines and air corrugations in leading edge of wing.
- (11) Air intakes to jet engines.
- (12) Four port super-jet engines.
- (13) Port undercarriage (retracted).
- (14) Inner fuel tanks.
- (15) Passengers' observation windows.
- (16)

- (17) Galley and pantry.
- (18) Radio operator and navigator.
- (19) Captain and first officer.
- (20) Flight engineer.
- (21) Dining room.
- (22) Four starboard super-jet engines.
- (23) Starboard undercarriage (retracted).
- (24) Two berth cabins.
- (25) Skylights and emergency exits.
- (26) Gentlemen's dressing room and toilet.
- (27) Ladies' dressing room and toilet.
- (28) Main entrance under wing.
- (29) Mails.
- (30) Freight.
- (31) Slotted flaps to assist take-off and landing.
- (32) Double skin of pressurized wing.



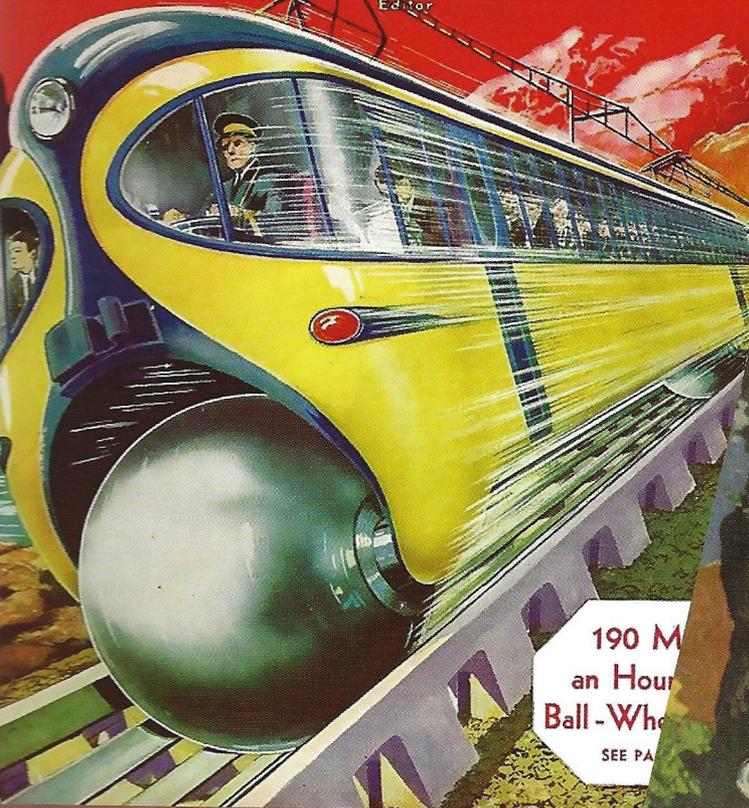
Dans les airs, tout devient possible. Le plan de l'intérieur de l'avion supersonique du futur reste encore à concrétiser, comme l'avion à huit moteurs. Quand aux deltaplanes actuels, ils n'ont pas grand chose à envier à la proposition de « Popular Science ».

L'industrie du futur, d'hier

Original MONEY-MAKING PLANS

# EVERYDAY Science and Mechanics

HUGO GERNSBACK  
Editor

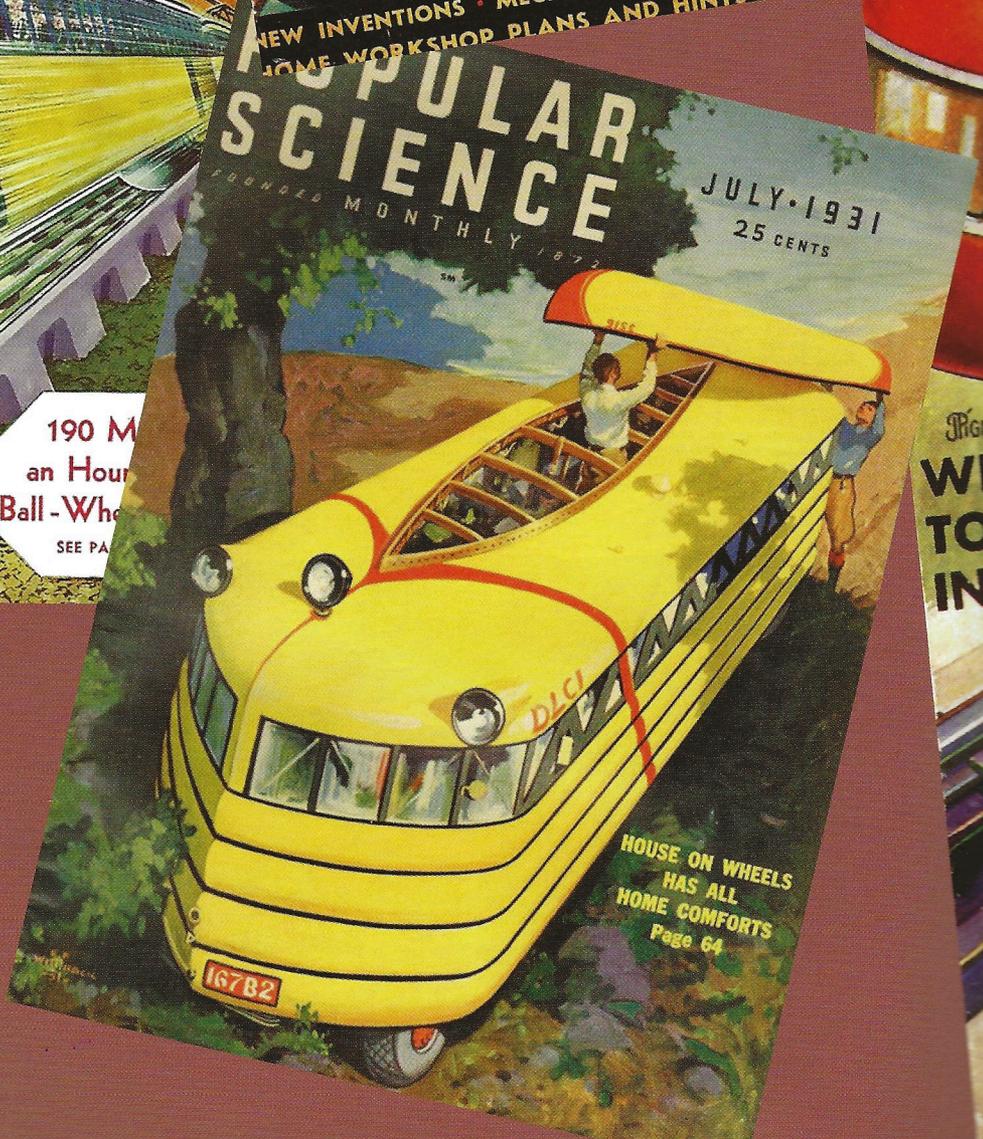


190 Miles  
an Hour  
Ball - Who  
SEE PAGE



NEW RAIL CAR  
RISES FROM TRACK  
AT HIGH SPEED  
Page 34

NEW INVENTIONS • MECHANICS • MONEY MAKING IDEAS  
HOME WORKSHOP PLANS AND HINTS • 350 PICTURES



HOUSE ON WHEELS  
HAS ALL  
HOME COMFORTS  
Page 64

SCIENCE • INVENTION • EXPERIMENT

# Mechanics A Z D HANDICRAFT

APR.

THE WINGED RAILROAD



HOME  
MOVIE  
DEVELOPING  
APPARATUS

POPULAR MAGIC  
By DUNNIGER  
PM XR

La voie ferrée est royale. Tous les styles d'accroches sont envisagés, à cheval sur la route (en phase de réalisation depuis peu), par deux « virgules » comme le propose Science and Mechanics. Et même sous forme de camping-car moderne.

L'industrie du futur, d'hier

June

# MODERN MECHANICAL AND INVENTION

EVERY  
Science  
Mech

You can Build this  
Rowmobile  
See Page 130



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LATEST INVENTIONS, AERO-  
FORMULAS, CHEMISTRY

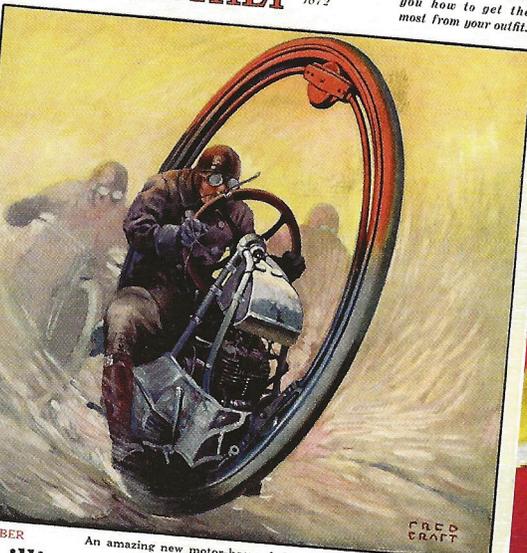
NOW  
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Popular  
Science  
FOUNDED MONTHLY 1872

RADIO SECTION  
PAGE 76

Confessions of a radio  
"Gyp"—How to build  
a two-tube reflex set.

A "Radio Doctor" tells  
you how to get the  
most from your outfit.



FRED  
CRAFT

DECEMBER

An amazing new motor-hoop of the speedway

25 CENTS

Thrilling escapes of a lion-hunter (See p. 38)

DYNO-WHEEL  
MOTOR BUS

SEE PAGE 87

Pour conclure ces quelques pages « respirations », vous pouvez récupérer la collection entière de certains de ces magazines, qui parfois faisaient plus de 200 pages, sous forme numérique. Un bon moyen de retracer l'histoire des sciences et technologies. Et pour les fans, certains de ces magazines sont encore en vente sur des sites d'enchères (et contrairement au numérique, ils ont encore l'odeur de l'encre).