

TAP is no longer Technological American Party. TAP is 'TAP. We are not a political party. We do not advocate anything, as an organization. All opinions are those of individual readers and staffpersons, and you may agree with them or not. There is, however, one policy of TAP; TAP wil print technical information that is otherwise unavausable or unclear. Information which could be of help to the most readers is printed first. Information which is illegal. and devoid of informational purpose doesn't make it, and an example might be a printed circiit board or a parts list.

TAP will soon publish information on lockpicking. As usual, this is technical material that is hard to learn elsewhere and is valuable for many readers. And it can be used to rip off ordinary people, so we have been asked not to print it. Not one person who ever wrote in TAP wants to see individuals hurt with TAP information. Most would like to see corporations get it bad. So, we emphasize our opinions frequently as to where the energy should be aimed. If there are people reading TAP who do use their talents to hurt others, they probably don't need TAP to do it. If publishing lockpicking or anything else encourages people to turn on each other, we would not apologize. We would condemn society and hope that such people could be lovingly taught to respect others.

Here is the recommended procedure for writing to TAP.

- Don't send cash, don't send coins, send a Postal Money Order. Save receipt but don't put your name on money order. Then it can't be traced like a regular check.
-Use enough postage, don't send postcards, scotch tape all seams on your envelope, and leave off your real name and return address.
-If nossible, drop off the letter at our mailing address. Dear TAP,
People might check out Wm. Powell's The Anarchist Cookbook which is published by Lyle Stuart, Inc., 239 Park Ave, NYC 10003 ( $\$ 5.95$ ).Topics on drugs, electronics $\&$ surveillance, explosives, booby traps and guns. Some of it is too simplisticly explained, but it serves as a point of departure for the creative. A better section on weapons is Beat the Heat ( $\$ 2.45$, Berkeley Int 'l Lib. School, Rampar ts press, SF, Ca.) The firearms chapter substantially reprints "Firearms and Self-Defense" (1969) by the Int'l Liberation School \& Red Mountain Tribe, which had been distributed by Juché and the white Panthers.

The most elegant syntheses $\mathcal{E}$ explanations of effects of drugs ©an be found in the Journal of the American Chemical Society. Most university libraries have it. If you know German, check out Beilstein in a chemistry library. For example, one can obtain purer and better THC(Tetrahydrocannabinol) in the optically active form by synthesis than by extraction(eg, from grass, hash, etc.). If you've got business letterhead stationery or science dept. connections with a university you can buy most necessary reagents directly from chemical supply companies.

An addendum to your note on page 1 , Issue 24 is that anyone who is being prosecuted who feels that a possibility exists of illegal government activities in obtaining evidence (ie, without a court order) like opening mail or tapping lines should his/her attorney make a motion for disclosure of this and ask court for all logs of conversations and copies of letters, etc. Experience is that the government would rather dismise a case than have it widely circulated through the media that it was engaging in illegal surveillance.

## -MASSACHUSETTS-

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 reversing meter

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## IT'5 A CRS!




BLOWING BACK METER
This ingenious netrod requiros a vacuun


## HELP IS NEEDED

We need infs, on the following subjects for future articles in TAP.
Automatic Blue Boxes- With info about where they're necessary.
Vending Machines- Locks, getting stuff, ete.
Locks- New code bogks, oicking Medoco,
Sargent Keso, tricks, etc.
Radio- Setting up your uwn station, transmitter schemātics and building jammers, Into on pirate station legal hassles. Burglar Alarms- Sucb as Holmes and other central station alarms, bypansising, electroric keys and pleking, etc.
Also, Magnets Overseas Phreaking, and Chemistry. Resistors are 1/4watt, $5 \%$. Capacitors are 10 volts or more. * denotes hi-stability. Transistor is 2N2222, Hep 55, or RCA SK3020. Timer is NE555, top view of 8pin mini-DIP shown. Diodes are 1N914 or any small-signal silicon diode.
Out



2N2222 (Bottom) 741 OP AMP-TOP VIEW Current Idle- 1.5 ma . On- 6.5 ma . Leakage: None, $30 \%$ fewer parts.

Output: $-7 \mathrm{dBm}(.3$ volt RMS) at 100 ohms.

Circuit operation is similar to Issue 16 , jut simplified with two IC timers. Leakage has been eliminated. Pushing button supplies power to timer (pin 8\&4) which turns on for a short time according to the selected $120 \mathrm{k}, 220 \mathrm{k}$ or 470 k resistor. The timer, when on, supplies power from its pin 3 to the flip-flop (pin $4 \& 8$ ), which turns on and off power through the 15 k resistor to the oscillator, which in turn feeds signal to the amplifier and earpiece. The flipflop speed is first set for $25 \%$ by adjusting the value of the 620 k if necessary, then for $5 \& 10$ (they're the same) with the 6.2 k resistor. The $120 \mathrm{k}, 220 \mathrm{k}$ and 470 k are rough values for the timer length. They can be 500 k miniature pots or resistors. An alternate way to set times is to adjust the value of the * capacitors by paralleling others on it. The 1 mfd . is the timer, and the .1 is the flip-flop. Buttons are normally-open miniature pushbuttons; the on-off switch is necessary \& shouldn't be done with diodes in this box. Try a real nickel if booths in your area are hip to red boz tones. For more information see issue number 16. Adjust the 30 k not for 2200 Hz tone, or compare to the real thing.

Dear People,
I'm glad to see your concern with areas other than phones. In the Nixonoid era we all need to learn all sorts of ways to save and survive. TAP seems sometimes too techno-oriented so I'm glad you're putting out intro courses in electronics.
I've decided to send something to help Abbie although I don't think he is blameless. Yipster Times seems to want to see him in jail but they are sometimes too heavy-handed. Your view convinced me to dig in and find a dollar or 2. Venceremos,
-C-

Note: Please send contributions to Abbie Hoffman \& Friends Defense Fund, 640 Broadway, N. Y. , N. Y. 10012. The case is about to come to trial and funds are urgently needed. Abbie and his friends need our subport; please help.

Dear Sirs,
I INSIST that you remove my name from your mailing list. I was unaware that TAP had all these other materials, in addition to what appeared to be some simple useful ideas.
-FLORIDA-

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NEW CREDIT CARD PLAN: TO combat the fraudulent use of credit cards, new card numbering plan will be introduced in 1975 by the Bell System. The plan is the result of soaring credit card fraud that began in the late card is

One phase of the plan is that long-distance calls placed with credit cards will be checked for vallatty by computers. The 1975 credit cards will bear a 10 digit number that will have none of the characteristics of the customthe characterisics of When a longdistance call is placed, a vallaity distance call is placed, a vailiner check of the credit card nuniver
will be made by a aystem of computers.
The checks will vary according to the squipment avallable to the operators. For example, those on TSPB will have automatic access to the computer. Cordboard operators will query the computer manually. In all cases, the computer will advise the operator if the card number is valld.

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