TECH NOTES

ALTHOUGH SELMAN ENTERPRISES IS A LONG TIME SUPPLIER OF CARD-KIT CONVERSION KITS, WE HAVE RECENTLY JOINED WITH CARD-KIT TO SUPPLY TECHNICIANS WITH PERTINENT DATA THROUGH THE MONTHLY PUBLICATION OF A NEWS LETTER CALLED "TECH NOTES". THESE TECH NOTES WILL BE INCLUDED IN SECRET CB. INCLUDED IN VOLUME 28 IS A STARTER SET OF NOTES TO BRING YOU UP TO DATE. ALSO, SELMAN ENTERPRISES AND CARD-KIT WILL BACK YOU UP WITH TECHNICAL ASSISTANCE, SO DON'T BE AFRAID TO TACKLE ANY OF THESE CONVERSIONS OR TRICKS OF THE TRADE THAT APPEAR IN THESE NOTES. IF YOU SHOULD RUN INTO A PROBLEM, JUST PICK UP YOUR PHONE AND CALL 1-800-227-3548 WHICH IS 1-800-CARD-KIT. HAVE YOUR UNIT AND SCHEMATICS HANDY. IF THE PROBLEM CANNOT BE WORKED OUT OVER THE PHONE YOU WILL BE ASKED TO SEND IT TO CARD-KIT AND ALL IT WILL COST YOU IS THE FREIGHT BOTH WAYS. WHAT MORE COULD YOU ASK OF ANY SUPPLIER?

TOPICS TO BE COVERED: CONVERSION KITS, TRICKS OF THE TRADE, NEW PRODUCTS, DESIGN CHANGES, AND DISCUSSIONS ON CIRCUITRY. WE WISH TO SOLICIT YOUR HELP IN COMPILING THESE NOTES. IF YOU HAVE A TECH NOTE THAT YOU WISH TO SHARE WITH OTHERS, SEND IT TO CARD-KIT OR SECRET CB MARKED "TECH NOTE SUBMISSION". IF YOUR TIP OR IDEA IS USED IN TECH'S NOTES, CARD-KIT WILL SEND YOU A FREE KIT OF YOUR CHOICE AND RECOGNITION WILL BE GIVEN SUBMITTER'S FOR THEIR WORK. MANY OF THESE NOTES WILL ALSO BE PICKED UP BY US AT "SECRET CB". IF WE USE YOUR MATERIAL, YOU WILL ALSO RECEIVE A FREE COPY OF THAT VOLUME AND YOUR NAME WILL BE LISTED AS A CONTRIBUTOR TO THAT ISSUE.

MODIFYING THE PC-122 OR TRC-453 W/ THE TC SSB KIT

- *COURTESY CARD KIT*

LIKE MOST OF THE MINIATURIZED UNITS, THERE IS NOT A LOT OF SPACE LEFT IN THESE UNITS AFTER THE MANUFACTURER FINISHES MINIATURIZING THEM. BUT, WITH CAREFUL, PRECISE POSITIONING OF THE KIT, THEY CAN EASILY BE MODIFIED. THESE UNITS ARE DESIGNED WITH ABOUT 1.2MHz BANDWIDTH ON THEIR TRANSMITTERS AND ABOUT 1.8MHz BANDWIDTH ON THEIR RECEIVERS. WE CAN WIDEN THE BANDWIDTH OF THE TRANSMITTER TO 2MHz BY REMOVING L24 AND L25. THE RECEIVER CAN BE STRETCHED A LITTLE, (TO 2MHz TOTAL) BY STAGGER TUNING L4 AND L5. ANYTIME YOU STAGGER TUNE, YOU ARE GOING TO LOOSE SOME RECEIVER GAIN. THIS CAN BE MADE UP FOR, VERY EASILY, BY CHANGING DC AND SELF BIASING ON THE 27MHz AMPLIFIER AS FOLLOWS: