CUSTOMER SERVICE BULLETIN

Radio Shack®
CUSTOMER SERVICE BULLETIN

400 Atrium—One Tandy Center, Fort Worth, Texas 76102

Problem

Function SHFT-S (solve SAS) will solve the two unknown angles incorrectly if Angle A is larger than 9Ø degrees.

* *   THE FOLLOWING LINE CHANGES ARE REQUIRED!   * *

Solution

* * * * NOTE: The problem can be fixed by making the following changes in the program. These changes must be made in precisely the order given in order to avoid problems with memory shortage.

The problem is corrected by following the steps listed below.

1. Load the program by typing CLOAD"TRIANG".
2. Make the following corrections:

CHANGES (Retype the line or refer to the Edit section of the owners manual)

The following change releases enough memory to implement the correction.

```
Old Line: 9 PRINT "SOLVE 3 POINTS: SHFT-F":
            PRINT "SHFT-C TO REPEAT MENU":
            END

New Line: 9 PRINT "SOLVE 3 POINTS: SHFT-F":
            PRINT "MENU: SHFT-C":
            END
```

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The following changes correct the problem.

```
Old Line: 52 B=  (AA+CC-(2AC*COS E)):
            PRINT "SIDE B = ";B:
            D=ASN ((A*SIN E)/B):
            PRINT "ANGLE A = ";D:
            F=Y-D-E
New Line: 52 B=  (AA+CC-(2AC*COS E)):
            PRINT "SIDE B = ";B:
            D=X-(ACS ((A*SIN E)/B)*(1-2*(A*COS E>C))

Old Line: 54 PRINT "ANGLE C = ";F:
            GOTO 2
New Line: 54 PRINT "ANGLE A = ";D:
            F=Y-D-E:
            PRINT "ANGLE C = ";F:
            GOTO 2
```

4. Type CSAVE"TRIANG" to save the changes in the program.