CUSTOMER SERVICE BULLETIN

Radio Shack®
CUSTOMER SERVICE BULLETIN

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

Bulletin No.	17Ø5-1
Description	Advanced Stat Analysis
Model	Model I
Stock No.	26-17Ø5 Version 1.Ø
Date	May 23, 198Ø
Page 1 of	1

Problem

There have been several reports of inaccurate results in the Descriptive Analysis package when using very large numbers. These are due to very high intermediate values in certain computations resulting in rounding errors.

Solution

The problem is corrected by following the steps listed below.
1. CLOAD the Descriptive Analysis tape.
2. Make the following corrections:

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

Old Line: 45Ø IFSG<>ØTHENS3=S3+(X(J)-AV)[3:S4=S4+(X(J)-AV)[4
New Line: 45Ø S8=S8+(X(J)-AV)[2: S3=S3+(X(J)-AV)[3:S4=S4+(X(J)-AV)[4

Old Line: 46Ø IFSG<>OTHENS3=S3+(X-AV)[3:S4=S4+(X-AV)[4
New Line: 46Ø S8=S8+(X-AV)[2: S3=S3+(X-AV)[3:S4=S4+(X-AV)[4

Old Line: 75Ø ONIPGOTO8ØØ,86Ø
New Line: 75Ø ONIPGOTO8ØØ,857

ADDITIONAL LINES (Type the line followed by an <ENTER>)

857 SD=Ø:V=S8/(N-1):IFV<=ØTHENV=ØELSESD=SQR(V)
858 SG=Ø:VV=S8/N:IFVV<=ØTHENVV=ØELSESG=SQR(VV)

LINES THAT NEED DELETED (Type the line number and press <ENTER>)

81Ø
83Ø

3. Type CSAVE"A" to save the changes in the program.

The modifications above will eliminate the "rounding errors" reported by sers of the Descriptive Analysis program. This fix will use 35 extra bytes of RAM.