```
172  004080I          TXZB(I,J,K)=(CXB*SX(I,J,K)+CYB*SY(I,J,K)+CZB*SZ(I,J,K))*0.25        711    124
173  004164I          TZXE(I,J,K)=(SXE*CX(I,J,K)+SYE*CY(I,J,K)+SZE*CZ(I,J,K))*0.25        712    125
174  004218I          TZXW(I,J,K)=(SXW*CX(I,J,K)+SYW*CY(I,J,K)+SZW*CZ(I,J,K))*0.25        713    126
175  0042CCI          TZYN(I,J,K)=(SXN*EX(I,J,K)+SYN*EY(I,J,K)+SZN*EZ(I,J,K))*0.25        714    127
176  004380I          TZYS(I,J,K)=(SXS*EX(I,J,K)+SYS*EY(I,J,K)+SZS*EZ(I,J,K))*0.25        715    128
177  004434I    160   CONTINUE                                                            716    129
178  00447CI          CALL WALVAL(1.0,2,LT,2,MT,2,NT,TXXE)                                717    130
179  004404I          CALL WALVAL(1.0,2,LT,2,MT,2,NT,TXXW)                                718    131
180  00452CI          CALL WALVAL(1.0,2,LT,2,MT,2,NT,TYYN)                                719    132
181  004584I          CALL WALVAL(1.0,2,LT,2,MT,2,NT,TYYS)                                720    133
182  0045D0I          CALL WALVAL(1.0,2,LT,2,MT,2,NT,TZZT)                                721    134
183  004634I          CALL WALVAL(1.0,2,LT,2,MT,2,NT,TZZB)                                722    135
184  00468CI          CALL WALVAL(1.0,2,LT,2,MT,2,NT,TYXE)                                723    136
185  0046E4I          CALL WALVAL(1.0,2,LT,2,MT,2,NT,TYXW)                                724    137
186  00473CI          CALL WALVAL(1.0,2,LT,2,MT,2,NT,TYZT)                                725    138
187  004794I          CALL WALVAL(1.0,2,LT,2,MT,2,NT,TYZB)                                726    139
188  0047ECI          CALL WALVAL(1.0,2,LT,2,MT,2,NT,TXYN)                                727    140
189  004844I          CALL WALVAL(1.0,2,LT,2,MT,2,NT,TXYS)                                728    141
190  00489CI          CALL WALVAL(1.0,2,LT,2,MT,2,NT,TXZT)                                729    142
191  0048F4I          CALL WALVAL(1.0,2,LT,2,MT,2,NT,TXZB)                                730    143
192  00494CI          CALL WALVAL(1.0,2,LT,2,MT,2,NT,TZXE)                                731    144
193  0049A4I          CALL WALVAL(1.0,2,LT,2,MT,2,NT,TZXW)                                732    145
194  0049FCI          CALL WALVAL(1.0,2,LT,2,MT,2,NT,TZYN)                                733    146
195  004A54I          CALL WALVAL(1.0,2,LT,2,MT,2,NT,TZYS)                                734    147
196  004AACI          RETURN                                                              735    148
197  004A94I          END                                                                 736    149
```

```
NO  ERRORS:F70  R05-01.0C  SUBROUTINE  TRANF    02/21/86  09:50:44  TABLE SPACE:  10 KB
STATEMENT BUFFER:   20 LINES/1321 BYTES     STACK SPACE: 199 WORDS
SINGLE PRECISION FLOATING PT SUPPORT REQUIRED FOR EXECUTION
```