ASD/DMMP v2.3.8

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```
User Name  : majed
Host Name  : majed-laptop



ID         : DMM-2008-07-0014G
Name       : ICC-V-IA
Description: ICC-V Integrated Assembly (IA): Liftoff & Abort Landing
```

C O M P O N E N T C O N F I G U R A T I O N S U M M A R Y

```
ID          : DMM-2008-07-0014G
Name        : ICC-V-IA
Description : ICC-V Integrated Assembly (IA): Liftoff & Abort Landing
Type        : Integrated

DMM Size    : 282 DOFs
DMM Type    : Hybrid
DMM Units   : lbf in sec

DMM Files:
   Matrix   : DMM-2008-07-0014G.dmm.op4
   Geometry : dmm-grids.blk
   Label    : <not specified>

OTM-01:
   Description : ICC-V IA NLFs & IFFs
   No. of Items: 19
   Ignore      : No
   Matrix File : DMM-2008-07-0014G.OTM.op4
   Label File  : DMM-2008-07-0014G.OTM.txt

OTM-02:
   Description : PM-IA NLFs & IFFs
   No. of Items: 20
   Ignore      : No
   Matrix File : DMM-2008-07-0011G.OTM-01.op4
   Label File  : DMM-2008-07-0011G.OTM-01.txt

OTM-03:
   Description : LDU-IA NLFs & IFFs
   No. of Items: 20
   Ignore      : No
   Matrix File : DMM-2008-07-0012G.OTM-01.op4
   Label File  : DMM-2008-07-0012G.OTM-01.txt

OTM-04:
   Description : SGANT-IA NLFs & IFFs
   No. of Items: 20
   Ignore      : No
   Matrix File : DMM-2008-07-0013G.OTM-01.op4
   Label File  : DMM-2008-07-0013G.OTM-01.txt

OTM-05:
   Description : Battery (1) NLFs & IFFs
   No. of Items: 21
   Ignore      : No
   Matrix File : DMM-2008-05-0006G-01.OTM-01.op4
   Label File  : DMM-2008-05-0006G-01.OTM-01.txt

OTM-06:
   Description : Battery (2) NLFs & IFFs
   No. of Items: 21
   Ignore      : No
   Matrix File : DMM-2008-05-0005G-02.OTM-01.op4
   Label File  : DMM-2008-05-0005G-02.OTM-01.txt
```

C O M P O N E N T C O N F I G U R A T I O N S U M M A R Y

OTM-07:
   Description : Battery (3) NLFs & IFFs
   No. of Items: 21
   Ignore   : No
   Matrix File : DMM-2008-05-0004G-03.OTM-01.op4
   Label File : DMM-2008-05-0004G-03.OTM-01.txt

OTM-08:
   Description : Battery (4) NLFs & IFFs
   No. of Items: 21
   Ignore   : No
   Matrix File : DMM-2008-05-0001G.OTM-01.op4
   Label File : DMM-2008-05-0001G.OTM-01.txt

OTM-09:
   Description : Battery (5) NLFs & IFFs
   No. of Items: 21
   Ignore   : No
   Matrix File : DMM-2008-05-0002G-05.OTM-01.op4
   Label File : DMM-2008-05-0002G-05.OTM-01.txt

OTM-10:
   Description : Battery (6) NLFs & IFFs
   No. of Items: 21
   Ignore   : No
   Matrix File : DMM-2008-05-0003G-06.OTM-01.op4
   Label File : DMM-2008-05-0003G-06.OTM-01.txt

C O M P O N E N T M A T R I X M A P

ID	DESCRIPTION	CP	X	Y	Z	CD	T1	T2	T3	R1	R2	R3	Q
1271	ID 1271	300	0.00000	0.00000	-110.20000	1000		1					
111869	ID 111869	400	43.27000	-94.00000	0.00000	1000			2				
111885	ID 111885	400	0.00000	-94.00000	0.00000	1000	3		4				
113369	ID 113369	400	43.27000	94.00000	0.00000	1000			5				
113385	ID 113385	400	0.00000	94.00000	0.00000	1000	6		7				
90001001	Generalized Coordinate	-1	0.00000	0.00000	0.00000	-1							8
:													:
90001275	Generalized Coordinate	-1	0.00000	0.00000	0.00000	-1							282

S O R T E D B U L K D A T A E C H O

```
ENTRY
COUNT      .   1  ..   2  ..   3  ..   4  ..   5  ..   6  ..   7  ..   8  ..   9  ..  10  .
    1 -    BSET1   2       1271
    2 -    BSET1   3       111869  113369
    3 -    BSET1   13      111885  113385
    4 -    CORD2C *10              1000                            0              0*
    5 -    *                     0              0              1              0*
    6 -    *                     1              0              0
    7 -    CORD2C *20              1000                    43.307              0*
    8 -    *                     0           43.307            1              0*
    9 -    *                   44.307           0              0
   10 -    CORD2R *100             1000                            0              0*
   11 -    *                     0              0              0              1*
   12 -    *                     1              0              0
   13 -    CORD2R *200             1000                            0              0*
   14 -    *                     0              0              0              1*
   15 -    *                     1              0              0
   16 -    CORD2R *300             1000                            0              0*
   17 -    *                     0              0              0              1*
   18 -    *                     1              0              0
   19 -    CORD2R *400             1000                            0              0*
   20 -    *                     0              0              0              1*
   21 -    *                     1              0              0
   22 -    CORD2R *1000             0                              0              0*
   23 -    *                     0              0              0              1*
   24 -    *                     1              0              0
   25 -    CORD2R *151000          151003                  -45.883           22.5*
   26 -    *                  8.33743         -45.883           22.5        9.33743*
   27 -    *                  -44.883           22.5          8.33743
   28 -    CORD2R *151003          0                               -5           37.5*
   29 -    *                    -81.5            -10             37.5         -81.5*
   30 -    *                       -5            37.5            -100
   31 -    CORD2R *161000          161003                  -45.883           22.5*
   32 -    *                  8.33743         -45.883           22.5        9.33743*
   33 -    *                  -44.883           22.5          8.33743
   34 -    CORD2R *161003          0                               -5          -67.5*
   35 -    *                    -36.5              -6           -67.5         -36.5*
   36 -    *                       -5           -90.5            -36.5
   37 -    CORD2R *171000          171003                  -45.883           22.5*
   38 -    *                  8.33743         -45.883           22.5        9.33743*
   39 -    *                  -44.883           22.5          8.33743
   40 -    CORD2R *171003          0                               -5           52.5*
   41 -    *                      8.5              -6            52.5            8.5*
   42 -    *                       -5            100.5            8.5
   43 -    CORD2R *210003          210004                  3.70783           -7.5*
   44 -    *                  12.9835         3.70783           -7.5        28.4292*
   45 -    *                  19.1535           -7.5          12.9835
   46 -    CORD2R *210004          200                           3.622         -52.5*
   47 -    *                  10.7047           3.622           -52.5            20*
   48 -    *                      -10           -52.5          10.7047
   49 -    CORD2R *210005          210004                  3.62205           -7.5*
   50 -    *                   12.003         -10.9321           -7.5        13.2755*
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S O R T E D B U L K D A T A E C H O

```
ENTRY
COUNT      .   1  ..   2  ..   3  ..   4  ..   5  ..   6  ..   7  ..   8  ..   9  ..  10  .
   51 -    *                3.62205         7.10963          12.003
   52 -    CORD2R *504001          200                             5           -82.5*
   53 -    *                   -6.5              10           -82.5            -6.5*
   54 -    *                     10           -82.5             -10
   55 -    CORD2R *508001          200                            -5            67.5*
   56 -    *                  -36.5             -10            67.5           -36.5*
   57 -    *                    -10            67.5            -100
   58 -    CORD2R *514001          200                            -5           -22.5*
   59 -    *                  -51.5             -10           -22.5           -51.5*
   60 -    *                    -10           -22.5            -100
   61 -    CORD2R *600003          600004                   11.8939            -7.5*
   62 -    *                9.55929         11.8939         9.50279         9.55929*
   63 -    *               0.964305            -7.5         22.5838
   64 -    CORD2R *600004          200                             5             7.5*
   65 -    *                  -96.5               5             7.5               1*
   66 -    *                     10             7.5           -96.5
   67 -    GRID   *1271            300                             0               0*
   68 -    *                 -110.21000            13456
   69 -    GRID   *111869          400                         43.27             -94*
   70 -    *                      01000            12456
   71 -    GRID   *111885          400                             0             -94*
   72 -    *                      01000             2456
   73 -    GRID   *113369          400                         43.27              94*
   74 -    *                      01000            12456
   75 -    GRID   *113385          400                             0              94*
   76 -    *                      01000             2456
   77 -    QSET1   0       90001001THRU    90001275
   78 -    SPOINT  90001001THRU    90001275
   79 -    ENDDATA

           TOTAL ENTRY COUNT = 79
```

COORDINATE SYSTEM TRANSFORMATION MATRIX TABLE

N	ID	TYPE	R(I,1)	R(I,2)	R(I,3)	T(I)
1	10	2	1.00000000E+00	0.00000000E+00	0.00000000E+00	0.00000000E+00
			0.00000000E+00	0.00000000E+00	1.00000000E+00	0.00000000E+00
			0.00000000E+00	-1.00000000E+00	0.00000000E+00	0.00000000E+00
2	20	2	1.00000000E+00	0.00000000E+00	0.00000000E+00	4.33070000E+01
			0.00000000E+00	0.00000000E+00	1.00000000E+00	0.00000000E+00
			0.00000000E+00	-1.00000000E+00	0.00000000E+00	0.00000000E+00
3	100	1	1.00000000E+00	0.00000000E+00	0.00000000E+00	0.00000000E+00
			0.00000000E+00	1.00000000E+00	0.00000000E+00	0.00000000E+00
			0.00000000E+00	0.00000000E+00	1.00000000E+00	0.00000000E+00
4	200	1	1.00000000E+00	0.00000000E+00	0.00000000E+00	0.00000000E+00
			0.00000000E+00	1.00000000E+00	0.00000000E+00	0.00000000E+00
			0.00000000E+00	0.00000000E+00	1.00000000E+00	0.00000000E+00
5	300	1	1.00000000E+00	0.00000000E+00	0.00000000E+00	0.00000000E+00
			0.00000000E+00	1.00000000E+00	0.00000000E+00	0.00000000E+00
			0.00000000E+00	0.00000000E+00	1.00000000E+00	0.00000000E+00
6	400	1	1.00000000E+00	0.00000000E+00	0.00000000E+00	0.00000000E+00
			0.00000000E+00	1.00000000E+00	0.00000000E+00	0.00000000E+00
			0.00000000E+00	0.00000000E+00	1.00000000E+00	0.00000000E+00
7	1000	1	1.00000000E+00	0.00000000E+00	0.00000000E+00	0.00000000E+00
			0.00000000E+00	1.00000000E+00	0.00000000E+00	0.00000000E+00
			0.00000000E+00	0.00000000E+00	1.00000000E+00	0.00000000E+00
8	151000	1	0.00000000E+00	0.00000000E+00	-1.00000000E+00	-1.33374300E+01
			0.00000000E+00	-1.00000000E+00	0.00000000E+00	1.50000000E+01
			-1.00000000E+00	0.00000000E+00	0.00000000E+00	-3.56170000E+01
9	151003	1	0.00000000E+00	-0.00000000E+00	-1.00000000E+00	-5.00000000E+00
			0.00000000E+00	-1.00000000E+00	0.00000000E+00	3.75000000E+01
			-1.00000000E+00	-0.00000000E+00	0.00000000E+00	-8.15000000E+01
10	161000	1	0.00000000E+00	0.00000000E+00	-1.00000000E+00	-1.33374300E+01
			-1.00000000E+00	0.00000000E+00	0.00000000E+00	-2.16170000E+01
			0.00000000E+00	1.00000000E+00	0.00000000E+00	-1.40000000E+01
11	161003	1	0.00000000E+00	0.00000000E+00	-1.00000000E+00	-5.00000000E+00
			-1.00000000E+00	0.00000000E+00	0.00000000E+00	-6.75000000E+01
			0.00000000E+00	1.00000000E+00	0.00000000E+00	-3.65000000E+01
12	171000	1	0.00000000E+00	0.00000000E+00	-1.00000000E+00	-1.33374300E+01
			1.00000000E+00	0.00000000E+00	0.00000000E+00	6.61700000E+00
			0.00000000E+00	-1.00000000E+00	0.00000000E+00	-1.40000000E+01
13	171003	1	0.00000000E+00	0.00000000E+00	-1.00000000E+00	-5.00000000E+00
			1.00000000E+00	0.00000000E+00	0.00000000E+00	5.25000000E+01
			0.00000000E+00	-1.00000000E+00	0.00000000E+00	8.50000000E+00
14	210003	1	-1.00000000E+00	0.00000000E+00	0.00000000E+00	-8.58300000E-02
			0.00000000E+00	-1.00000000E+00	0.00000000E+00	-4.50000000E+01
			0.00000000E+00	0.00000000E+00	1.00000000E+00	2.36882000E+01
15	210004	1	-1.00000000E+00	0.00000000E+00	0.00000000E+00	3.62200000E+00
			0.00000000E+00	-1.00000000E+00	0.00000000E+00	-5.25000000E+01
			0.00000000E+00	0.00000000E+00	1.00000000E+00	1.07047000E+01
16	210005	1	0.00000000E+00	8.70998290E-02	9.96199588E-01	-5.00000000E-05
			-1.00000000E+00	0.00000000E+00	0.00000000E+00	-4.50000000E+01
			0.00000000E+00	-9.96199588E-01	8.70998290E-02	2.27077000E+01
17	504001	1	0.00000000E+00	0.00000000E+00	1.00000000E+00	5.00000000E+00
			0.00000000E+00	1.00000000E+00	0.00000000E+00	-8.25000000E+01
			-1.00000000E+00	0.00000000E+00	0.00000000E+00	-6.50000000E+00

COORDINATE SYSTEM TRANSFORMATION MATRIX TABLE

N	ID	TYPE	R(I,1)	R(I,2)	R(I,3)	T(I)
18	508001	1	0.00000000E+00	0.00000000E+00	-1.00000000E+00	-5.00000000E+00
			0.00000000E+00	-1.00000000E+00	0.00000000E+00	6.75000000E+01
			-1.00000000E+00	0.00000000E+00	0.00000000E+00	-3.65000000E+01
19	514001	1	0.00000000E+00	0.00000000E+00	-1.00000000E+00	-5.00000000E+00
			0.00000000E+00	-1.00000000E+00	0.00000000E+00	-2.25000000E+01
			-1.00000000E+00	0.00000000E+00	0.00000000E+00	-5.15000000E+01
20	600003	1	-6.42812924E-01	7.66023201E-01	0.00000000E+00	1.68939000E+01
			0.00000000E+00	0.00000000E+00	1.00000000E+00	0.00000000E+00
			7.66023201E-01	6.42812924E-01	0.00000000E+00	-8.69407100E+01
21	600004	1	1.00000000E+00	0.00000000E+00	0.00000000E+00	5.00000000E+00
			0.00000000E+00	1.00000000E+00	0.00000000E+00	7.50000000E+00
			0.00000000E+00	0.00000000E+00	1.00000000E+00	-9.65000000E+01

BASIC GRID POINT DEFINITION TABLE

INTERNAL ID	EXTERNAL ID	COORDINATE SYSTEM ID	COORDINATES IN BASIC COORDINATE SYSTEM X	Y	Z
1	1271	1000	0.00000E+00	0.00000E+00	-1.10200E+02
2	111869	1000	4.32700E+01	-9.40000E+01	0.00000E+00
3	111885	1000	0.00000E+00	-9.40000E+01	0.00000E+00
4	113369	1000	4.32700E+01	9.40000E+01	0.00000E+00
5	113385	1000	0.00000E+00	9.40000E+01	0.00000E+00
6	90001001	-1	0.00000E+00	0.00000E+00	0.00000E+00
:	:				
280	90001275	-1	0.00000E+00	0.00000E+00	0.00000E+00

U S E T D E F I N I T I O N T A B L E (I N T E R N A L S E Q U E N C E , R O W S O R T)

S DISPLACEMENT SET

	1	2	3	4	5	6	7	8	9	10	
1 =	1271-1	1271-3	1271-4	1271-5	1271-6	111869-1	111869-2	111869-4	111869-5	111869-6	= 10
11 =	111885-2	111885-4	111885-5	111885-6	113369-1	113369-2	113369-4	113369-5	113369-6	113385-2	= 20
21 =	113385-4	113385-5	113385-6								

U S E T D E F I N I T I O N T A B L E (I N T E R N A L S E Q U E N C E , R O W S O R T)

B DISPLACEMENT SET

	--- 1 ---	--- 2 ---	--- 3 ---	--- 4 ---	--- 5 ---	--- 6 ---	--- 7 ---	--- 8 ---	--- 9 ---	--- 10 ---
1 =	1271-2	111869-3	111885-1	111885-3	113369-3	113385-1	113385-3			

U S E T D E F I N I T I O N T A B L E (I N T E R N A L S E Q U E N C E , R O W S O R T)

Q DISPLACEMENT SET

	--- 1 ---	--- 2 ---	--- 3 ---	--- 4 ---	--- 5 ---	--- 6 ---	--- 7 ---	--- 8 ---	--- 9 ---	--- 10 ---	
1 =	90001001-0	90001002-0	90001003-0	90001004-0	90001005-0	90001006-0	90001007-0	90001008-0	90001009-0	90001010-0	= 10
11 =	90001011-0	90001012-0	90001013-0	90001014-0	90001015-0	90001016-0	90001017-0	90001018-0	90001019-0	90001020-0	= 20
21 =	90001021-0	90001022-0	90001023-0	90001024-0	90001025-0	90001026-0	90001027-0	90001028-0	90001029-0	90001030-0	= 30
31 =	90001031-0	90001032-0	90001033-0	90001034-0	90001035-0	90001036-0	90001037-0	90001038-0	90001039-0	90001040-0	= 40
41 =	90001041-0	90001042-0	90001043-0	90001044-0	90001045-0	90001046-0	90001047-0	90001048-0	90001049-0	90001050-0	= 50
51 =	90001051-0	90001052-0	90001053-0	90001054-0	90001055-0	90001056-0	90001057-0	90001058-0	90001059-0	90001060-0	= 60
61 =	90001061-0	90001062-0	90001063-0	90001064-0	90001065-0	90001066-0	90001067-0	90001068-0	90001069-0	90001070-0	= 70
71 =	90001071-0	90001072-0	90001073-0	90001074-0	90001075-0	90001076-0	90001077-0	90001078-0	90001079-0	90001080-0	= 80
81 =	90001081-0	90001082-0	90001083-0	90001084-0	90001085-0	90001086-0	90001087-0	90001088-0	90001089-0	90001090-0	= 90
91 =	90001091-0	90001092-0	90001093-0	90001094-0	90001095-0	90001096-0	90001097-0	90001098-0	90001099-0	90001100-0	= 100
101 =	90001101-0	90001102-0	90001103-0	90001104-0	90001105-0	90001106-0	90001107-0	90001108-0	90001109-0	90001110-0	= 110
111 =	90001111-0	90001112-0	90001113-0	90001114-0	90001115-0	90001116-0	90001117-0	90001118-0	90001119-0	90001120-0	= 120
121 =	90001121-0	90001122-0	90001123-0	90001124-0	90001125-0	90001126-0	90001127-0	90001128-0	90001129-0	90001130-0	= 130
131 =	90001131-0	90001132-0	90001133-0	90001134-0	90001135-0	90001136-0	90001137-0	90001138-0	90001139-0	90001140-0	= 140
141 =	90001141-0	90001142-0	90001143-0	90001144-0	90001145-0	90001146-0	90001147-0	90001148-0	90001149-0	90001150-0	= 150
151 =	90001151-0	90001152-0	90001153-0	90001154-0	90001155-0	90001156-0	90001157-0	90001158-0	90001159-0	90001160-0	= 160
161 =	90001161-0	90001162-0	90001163-0	90001164-0	90001165-0	90001166-0	90001167-0	90001168-0	90001169-0	90001170-0	= 170
171 =	90001171-0	90001172-0	90001173-0	90001174-0	90001175-0	90001176-0	90001177-0	90001178-0	90001179-0	90001180-0	= 180
181 =	90001181-0	90001182-0	90001183-0	90001184-0	90001185-0	90001186-0	90001187-0	90001188-0	90001189-0	90001190-0	= 190
191 =	90001191-0	90001192-0	90001193-0	90001194-0	90001195-0	90001196-0	90001197-0	90001198-0	90001199-0	90001200-0	= 200
201 =	90001201-0	90001202-0	90001203-0	90001204-0	90001205-0	90001206-0	90001207-0	90001208-0	90001209-0	90001210-0	= 210
211 =	90001211-0	90001212-0	90001213-0	90001214-0	90001215-0	90001216-0	90001217-0	90001218-0	90001219-0	90001220-0	= 220
221 =	90001221-0	90001222-0	90001223-0	90001224-0	90001225-0	90001226-0	90001227-0	90001228-0	90001229-0	90001230-0	= 230
231 =	90001231-0	90001232-0	90001233-0	90001234-0	90001235-0	90001236-0	90001237-0	90001238-0	90001239-0	90001240-0	= 240
241 =	90001241-0	90001242-0	90001243-0	90001244-0	90001245-0	90001246-0	90001247-0	90001248-0	90001249-0	90001250-0	= 250
251 =	90001251-0	90001252-0	90001253-0	90001254-0	90001255-0	90001256-0	90001257-0	90001258-0	90001259-0	90001260-0	= 260
261 =	90001261-0	90001262-0	90001263-0	90001264-0	90001265-0	90001266-0	90001267-0	90001268-0	90001269-0	90001270-0	= 270
271 =	90001271-0	90001272-0	90001273-0	90001274-0	90001275-0						

U S E T D E F I N I T I O N T A B L E (I N T E R N A L S E Q U E N C E , R O W S O R T)

A DISPLACEMENT SET

	--- 1 ---	--- 2 ---	--- 3 ---	--- 4 ---	--- 5 ---	--- 6 ---	--- 7 ---	--- 8 ---	--- 9 ---	--- 10 ---	
1 =	1271-2	111869-3	111885-1	111885-3	113369-3	113385-1	113385-3	90001001-0	90001002-0	90001003-0	= 10
11 =	90001004-0	90001005-0	90001006-0	90001007-0	90001008-0	90001009-0	90001010-0	90001011-0	90001012-0	90001013-0	= 20
21 =	90001014-0	90001015-0	90001016-0	90001017-0	90001018-0	90001019-0	90001020-0	90001021-0	90001022-0	90001023-0	= 30
31 =	90001024-0	90001025-0	90001026-0	90001027-0	90001028-0	90001029-0	90001030-0	90001031-0	90001032-0	90001033-0	= 40
41 =	90001034-0	90001035-0	90001036-0	90001037-0	90001038-0	90001039-0	90001040-0	90001041-0	90001042-0	90001043-0	= 50
51 =	90001044-0	90001045-0	90001046-0	90001047-0	90001048-0	90001049-0	90001050-0	90001051-0	90001052-0	90001053-0	= 60
61 =	90001054-0	90001055-0	90001056-0	90001057-0	90001058-0	90001059-0	90001060-0	90001061-0	90001062-0	90001063-0	= 70
71 =	90001064-0	90001065-0	90001066-0	90001067-0	90001068-0	90001069-0	90001070-0	90001071-0	90001072-0	90001073-0	= 80
81 =	90001074-0	90001075-0	90001076-0	90001077-0	90001078-0	90001079-0	90001080-0	90001081-0	90001082-0	90001083-0	= 90
91 =	90001084-0	90001085-0	90001086-0	90001087-0	90001088-0	90001089-0	90001090-0	90001091-0	90001092-0	90001093-0	= 100
101 =	90001094-0	90001095-0	90001096-0	90001097-0	90001098-0	90001099-0	90001100-0	90001101-0	90001102-0	90001103-0	= 110
111 =	90001104-0	90001105-0	90001106-0	90001107-0	90001108-0	90001109-0	90001110-0	90001111-0	90001112-0	90001113-0	= 120
121 =	90001114-0	90001115-0	90001116-0	90001117-0	90001118-0	90001119-0	90001120-0	90001121-0	90001122-0	90001123-0	= 130
131 =	90001124-0	90001125-0	90001126-0	90001127-0	90001128-0	90001129-0	90001130-0	90001131-0	90001132-0	90001133-0	= 140
141 =	90001134-0	90001135-0	90001136-0	90001137-0	90001138-0	90001139-0	90001140-0	90001141-0	90001142-0	90001143-0	= 150
151 =	90001144-0	90001145-0	90001146-0	90001147-0	90001148-0	90001149-0	90001150-0	90001151-0	90001152-0	90001153-0	= 160
161 =	90001154-0	90001155-0	90001156-0	90001157-0	90001158-0	90001159-0	90001160-0	90001161-0	90001162-0	90001163-0	= 170
171 =	90001164-0	90001165-0	90001166-0	90001167-0	90001168-0	90001169-0	90001170-0	90001171-0	90001172-0	90001173-0	= 180
181 =	90001174-0	90001175-0	90001176-0	90001177-0	90001178-0	90001179-0	90001180-0	90001181-0	90001182-0	90001183-0	= 190
191 =	90001184-0	90001185-0	90001186-0	90001187-0	90001188-0	90001189-0	90001190-0	90001191-0	90001192-0	90001193-0	= 200
201 =	90001194-0	90001195-0	90001196-0	90001197-0	90001198-0	90001199-0	90001200-0	90001201-0	90001202-0	90001203-0	= 210
211 =	90001204-0	90001205-0	90001206-0	90001207-0	90001208-0	90001209-0	90001210-0	90001211-0	90001212-0	90001213-0	= 220
221 =	90001214-0	90001215-0	90001216-0	90001217-0	90001218-0	90001219-0	90001220-0	90001221-0	90001222-0	90001223-0	= 230
231 =	90001224-0	90001225-0	90001226-0	90001227-0	90001228-0	90001229-0	90001230-0	90001231-0	90001232-0	90001233-0	= 240
241 =	90001234-0	90001235-0	90001236-0	90001237-0	90001238-0	90001239-0	90001240-0	90001241-0	90001242-0	90001243-0	= 250
251 =	90001244-0	90001245-0	90001246-0	90001247-0	90001248-0	90001249-0	90001250-0	90001251-0	90001252-0	90001253-0	= 260
261 =	90001254-0	90001255-0	90001256-0	90001257-0	90001258-0	90001259-0	90001260-0	90001261-0	90001262-0	90001263-0	= 270
271 =	90001264-0	90001265-0	90001266-0	90001267-0	90001268-0	90001269-0	90001270-0	90001271-0	90001272-0	90001273-0	= 280
281 =	90001274-0	90001275-0									

Z E R O S T I F F N E S S D O F S

The following DOFs have stiffness less than 1.0E-09:

```
     ---  1 --- ---  2 --- ---  3 --- ---  4 --- ---  5 --- ---  6 --- ---  7 --- ---  8 --- ---  9 --- --- 10 ---
1 =     1271-2
```

Z E R O D A M P I N G D O F S

The following DOFs have damping less than 1.0E-09:

```
    ---  1 --- ---  2 --- ---  3 --- ---  4 --- ---  5 --- ---  6 --- ---  7 --- ---  8 --- ---  9 --- --- 10 ---
1 =     1271-2   111885-1   113385-1
```

O U T P U T F R O M G R I D P O I N T W E I G H T G E N E R A T O R

REFERENCE POINT = ORIGIN

M O

```
*  2.332467E+01 -1.982388E-06  8.701966E-08 -2.801989E-05 -6.325127E+02  7.675054E+01 *
* -1.982388E-06  2.253367E+01 -1.920287E-08  6.371371E+02  1.650381E-05 -2.005483E+01 *
*  8.701966E-08 -1.920287E-08  2.253366E+01 -7.675047E+01  2.005275E+01 -1.981323E-05 *
* -2.801989E-05  6.371371E+02 -7.675047E+01  8.111748E+04 -1.143704E+03  5.527304E+02 *
* -6.325127E+02  1.650381E-05  2.005275E+01 -1.143704E+03  4.563985E+04  2.105613E+01 *
*  7.675054E+01 -2.005483E+01 -1.981323E-05  5.527304E+02  2.105613E+01  5.651096E+04 *
```

S

```
*  1.000000E+00  0.000000E+00  0.000000E+00 *
*  0.000000E+00  1.000000E+00  0.000000E+00 *
*  0.000000E+00  0.000000E+00  1.000000E+00 *
```

MASS	DIRECTION AXIS SYSTEM (S)	MASS	X-C.G.	Y-C.G.	Z-C.G.
	X	2.332467E+01	-1.201298E-06	-3.290531E+00	-2.711776E+01
	Y	2.253367E+01	-8.899941E-01	7.324065E-07	-2.827489E+01
	Z	2.253366E+01	-8.899022E-01	-3.406036E+00	-8.792726E-07

I(S)

```
*  6.284108E+04  1.075404E+03 -1.119779E+03 *
*  1.075404E+03  2.846967E+04 -2.102359E+03 *
* -1.119779E+03 -2.102359E+03  5.624056E+04 *
```

I(Q)

```
*  2.827269E+04                            *
*                5.623749E+04              *
*                              6.304114E+04 *
```

Q

```
*  3.347137E-02 -1.538812E-01  9.875223E-01 *
*  9.965268E-01  8.052106E-02 -2.122934E-02 *
* -7.624954E-02  9.848030E-01  1.560419E-01 *
```

C O M P U T E D C E N T E R O F G R A V I T Y

X-C.G.	Y-C.G.	Z-C.G.
-8.899481E-01	-3.348284E+00	-2.769633E+01

O U T P U T F R O M G R I D P O I N T W E I G H T G E N E R A T O R

REFERENCE POINT = C.G.

M O

2.332467E+01	-1.982388E-06	8.701966E-08	2.717635E-05	1.349489E+01	-1.347061E+00
-1.982388E-06	2.253367E+01	-1.920287E-08	1.303725E+01	-3.838397E-05	-1.029073E-03
8.701966E-08	-1.920287E-08	2.253366E+01	-1.301376E+00	-1.033301E-03	-2.012169E-05
2.717635E-05	1.303725E+01	-1.301376E+00	6.284870E+04	-1.075404E+03	1.119778E+03
1.349489E+01	-3.838397E-05	-1.033301E-03	-1.075404E+03	2.847748E+04	2.101580E+03
-1.347061E+00	-1.029073E-03	-2.012169E-05	1.119778E+03	2.101580E+03	5.624064E+04

S

1.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	1.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	1.000000E+00

DIRECTION MASS AXIS SYSTEM (S)	MASS	X-C.G.	Y-C.G.	Z-C.G.
X	2.332467E+01	1.165133E-06	5.775262E-02	5.785675E-01
Y	2.253367E+01	-4.566826E-05	-1.703405E-06	-5.785675E-01
Z	2.253366E+01	4.585586E-05	-5.775252E-02	-8.929613E-07

I(S)

6.284108E+04	1.075404E+03	-1.119779E+03
1.075404E+03	2.846967E+04	-2.102359E+03
-1.119779E+03	-2.102359E+03	5.624056E+04

I(Q)

2.827269E+04		
	5.623749E+04	
		6.304114E+04

Q

3.347136E-02	-1.538812E-01	9.875223E-01
9.965268E-01	8.052105E-02	-2.122933E-02
-7.624954E-02	9.848030E-01	1.560419E-01

R I G I D - B O D Y M A S S M A T R I X

	---- T1 ----	---- T2 ----	---- T3 ----	---- R1 ----	---- R2 ----	---- R3 ----
T1:	2.33247E+01	-1.98239E-06	8.70197E-08	2.71763E-05	1.34949E+01	-1.34706E+00
T2:	-1.98239E-06	2.25337E+01	-1.92029E-08	1.30372E+01	-3.83840E-05	-1.02907E-03
T3:	8.70197E-08	-1.92029E-08	2.25337E+01	-1.30138E+00	-1.03330E-03	-2.01217E-05
R1:	2.71763E-05	1.30372E+01	-1.30138E+00	6.28487E+04	-1.07540E+03	1.11978E+03
R2:	1.34949E+01	-3.83840E-05	-1.03330E-03	-1.07540E+03	2.84775E+04	2.10158E+03
R3:	-1.34706E+00	-1.02907E-03	-2.01217E-05	1.11978E+03	2.10158E+03	5.62406E+04

R I G I D - B O D Y S T I F F N E S S M A T R I X

	---- T1 ----	---- T2 ----	---- T3 ----	---- R1 ----	---- R2 ----	---- R3 ----
T1:	2.73333E-03	-2.44255E-04	1.78036E-04	1.41736E-02	9.63926E-02	-6.66795E-02
T2:	-2.44263E-04	-1.14788E-02	8.68616E-05	1.95583E-01	-5.33776E-03	3.77522E-01
T3:	1.78038E-04	8.68330E-05	1.94415E-03	6.47678E-02	6.96331E-02	-9.12298E-03
R1:	1.41736E-02	1.95582E-01	6.47696E-02	1.27495E+00	2.18463E+00	-6.82569E+00
R2:	9.63928E-02	-5.33833E-03	6.96334E-02	2.18460E+00	5.50157E+00	-2.49787E+00
R3:	-6.66796E-02	3.77522E-01	-9.12377E-03	-6.82572E+00	-2.49787E+00	9.76726E-01

R I G I D - B O D Y D A M P I N G M A T R I X

	---- T1 ----	---- T2 ----	---- T3 ----	---- R1 ----	---- R2 ----	---- R3 ----
T1:	5.15626E-14	7.55937E-14	6.02643E-15	-5.52743E-14	3.47919E-12	-1.51915E-12
T2:	7.52449E-14	5.25021E-13	2.91694E-15	-7.60357E-12	4.10721E-12	-1.43390E-11
T3:	1.22034E-14	6.01868E-15	1.33140E-16	3.58426E-12	2.02873E-12	3.50196E-13
R1:	-1.66859E-13	-7.72906E-12	3.35521E-12	4.72817E-11	9.89487E-11	2.52809E-10
R2:	3.48666E-12	4.11490E-12	1.94749E-12	8.04420E-11	5.54462E-10	1.31090E-10
R3:	-1.70305E-12	-1.43927E-11	4.07689E-13	2.59802E-10	1.28388E-10	5.42654E-10

F O R C E S D U E T O R I G I D - B O D Y D I S P L A C E M E N T

DOF	GRID-C	T1	T2	T3	R1	R2	R3
1	1271-2	-2.44263E-04	-1.14788E-02	8.68616E-05	1.95583E-01	-5.33776E-03	3.77522E-01
2	111869-3	-2.00367E-04	3.30738E-04	-6.22189E-04	-3.66663E-02	-8.96017E-02	-1.62517E-02
3	111885-1	1.06182E-03	1.93596E-03	4.32471E-05	-2.98936E-02	3.66518E-02	-3.11191E-02
4	111885-3	1.09971E-04	-6.36358E-03	1.32249E-03	1.49254E-01	1.11696E-01	2.13510E-01
5	113369-3	-2.81445E-04	-3.65495E-04	-9.13115E-04	-6.08112E-03	2.27235E-02	3.14864E-02
6	113385-1	1.67151E-03	-2.18021E-03	1.34789E-04	4.40672E-02	5.97408E-02	-3.55605E-02
7	113385-3	5.49879E-04	6.48517E-03	2.15697E-03	-4.17384E-02	2.48157E-02	-2.37867E-01
	Total:	2.73333E-03	-1.14788E-02	1.94415E-03	1.27495E+00	5.50157E+00	9.76726E-01

M A X I M U M F O R C E S D U E T O R I G I D - B O D Y D I S P L A C E M E N T

Dir	DOF	GRID-C	Max. Force
T1 -	6	113385-1	1.67151E-03
T2 -	1	1271-2	-1.14788E-02
T3 -	7	113385-3	2.15697E-03
R1 -	1	1271-2	1.95583E-01
R2 -	4	111885-3	1.11696E-01
R3 -	1	1271-2	3.77522E-01

F O R C E S D U E T O R I G I D - B O D Y V E L O C I T Y

DOF	GRID-C	T1	T2	T3	R1	R2	R3
1	1271-2	7.52449E-14	5.25021E-13	2.91694E-15	-7.60357E-12	4.10721E-12	-1.43390E-11
2	111869-3	1.13849E-09	-3.32927E-10	1.83674E-09	-4.67948E-08	-3.32518E-07	-1.15320E-07
3	111885-1	1.72846E-14	-3.98992E-14	5.27529E-15	1.38930E-12	2.46503E-12	2.16770E-12
4	111885-3	-1.13845E-09	3.33202E-10	-1.83675E-09	4.67931E-08	3.32520E-07	1.15313E-07
5	113369-3	-1.13854E-09	3.32881E-10	-1.83678E-09	4.67929E-08	3.32507E-07	1.15316E-07
6	113385-1	3.42779E-14	1.15493E-13	7.51135E-16	-1.44457E-12	1.01416E-12	-3.68686E-12
7	113385-3	1.13851E-09	-3.33149E-10	1.83679E-09	-4.67875E-08	-3.32507E-07	-1.15308E-07
	Total:	5.15626E-14	5.25021E-13	1.33140E-16	4.72715E-11	5.54464E-10	5.42654E-10

M A X I M U M F O R C E S D U E T O R I G I D - B O D Y V E L O C I T Y

Dir	DOF	GRID-C	Max. Force
T1 -	5	113369-3	-1.13854E-09
T2 -	4	111885-3	3.33202E-10
T3 -	7	113385-3	1.83679E-09
R1 -	2	111869-3	-4.67948E-08
R2 -	4	111885-3	3.32520E-07
R3 -	2	111869-3	-1.15320E-07

R E A C T I O N F O R C E S D U E T O 1 G

DOF	GRID-C	T1	T2	T3	R1	R2	R3
1	1271-2	-7.65375E-04	8.69999E+03	-7.41495E-06	1.30372E+01	-3.83843E-05	-1.02907E-03
2	111869-3	2.83309E+03	4.28932E+01	-1.70081E+02	7.18591E+00	-3.43328E+02	6.77431E+01
3	111885-1	4.66031E+03	-4.11862E+01	-2.38909E-05	5.89456E+00	1.81664E+01	2.98455E+02
4	111885-3	-2.83309E+03	3.74832E+03	4.67770E+03	-3.36440E+02	3.49047E+02	-7.36999E+01
5	113369-3	2.81068E+03	-4.28933E+01	-8.84516E+00	1.76942E+01	-3.06169E+02	-1.17174E+02
6	113385-1	4.34507E+03	4.11855E+01	5.74883E-05	-5.89454E+00	-4.67151E+00	-2.99802E+02
7	113385-3	-2.81068E+03	-3.74832E+03	4.20122E+03	3.10259E+02	3.00448E+02	1.23131E+02
	Total:	9.00539E+03	8.69999E+03	8.69999E+03	6.28487E+04	2.84775E+04	5.62406E+04

U N C O N S T R A I N E D R E A L E I G E N V A L U E S

MODE	EIGENVALUE	RADIANS	FREQUENCY	MODE	EIGENVALUE	RADIANS	FREQUENCY
1	-7.259371E-04	2.694322E-02	4.288147E-03	51	7.456006E+04	2.730569E+02	4.345835E+01
2	-5.244601E-07	7.241962E-04	1.152594E-04	52	7.840812E+04	2.800145E+02	4.456569E+01
3	2.833669E-05	5.323221E-03	8.472170E-04	53	7.988830E+04	2.826452E+02	4.498438E+01
4	1.025839E-04	1.012837E-02	1.611980E-03	54	8.304530E+04	2.881758E+02	4.586460E+01
5	1.519418E-04	1.232647E-02	1.961819E-03	55	8.494802E+04	2.914584E+02	4.638705E+01
6	3.757826E-04	1.938511E-02	3.085236E-03	56	8.838805E+04	2.973013E+02	4.731697E+01
7	5.937564E+03	7.705559E+01	1.226378E+01	57	8.957164E+04	2.992852E+02	4.763272E+01
8	7.636230E+03	8.738552E+01	1.390784E+01	58	9.237534E+04	3.039331E+02	4.837246E+01
9	1.704968E+04	1.305744E+02	2.078157E+01	59	9.375642E+04	3.061967E+02	4.873272E+01
10	1.876473E+04	1.369844E+02	2.180175E+01	60	9.599127E+04	3.098246E+02	4.931011E+01
11	2.164830E+04	1.471336E+02	2.341704E+01	61	9.709604E+04	3.116024E+02	4.959306E+01
12	2.187652E+04	1.479071E+02	2.354015E+01	62	9.807891E+04	3.131755E+02	4.984343E+01
13	2.210968E+04	1.486933E+02	2.366527E+01	63	1.030131E+05	3.209565E+02	5.108182E+01
14	2.221039E+04	1.490315E+02	2.371910E+01	64	1.044796E+05	3.232330E+02	5.144413E+01
15	2.250601E+04	1.500200E+02	2.387643E+01	65	1.051304E+05	3.242381E+02	5.160410E+01
16	2.263250E+04	1.504410E+02	2.394343E+01	66	1.064425E+05	3.262553E+02	5.192515E+01
17	2.432358E+04	1.559602E+02	2.482184E+01	67	1.073348E+05	3.276198E+02	5.214232E+01
18	2.570845E+04	1.603385E+02	2.551867E+01	68	1.078932E+05	3.284710E+02	5.227778E+01
19	2.647427E+04	1.627092E+02	2.589597E+01	69	1.078946E+05	3.284731E+02	5.227813E+01
20	2.650139E+04	1.627925E+02	2.590923E+01	70	1.086582E+05	3.296335E+02	5.246280E+01
21	2.662790E+04	1.631806E+02	2.597100E+01	71	1.094082E+05	3.307691E+02	5.264354E+01
22	2.692983E+04	1.641031E+02	2.611782E+01	72	1.096474E+05	3.311304E+02	5.270104E+01
23	2.705096E+04	1.644718E+02	2.617649E+01	73	1.098636E+05	3.314567E+02	5.275297E+01
24	2.711238E+04	1.646584E+02	2.620620E+01	74	1.122011E+05	3.349644E+02	5.331124E+01
25	2.825655E+04	1.680968E+02	2.675344E+01	75	1.124361E+05	3.353150E+02	5.336704E+01
26	3.262077E+04	1.806122E+02	2.874533E+01	76	1.138426E+05	3.374057E+02	5.369978E+01
27	3.295732E+04	1.815415E+02	2.889323E+01	77	1.143005E+05	3.380836E+02	5.380768E+01
28	3.459384E+04	1.859942E+02	2.960189E+01	78	1.153521E+05	3.396353E+02	5.405463E+01
29	3.697947E+04	1.923005E+02	3.060557E+01	79	1.167812E+05	3.417327E+02	5.438845E+01
30	3.866196E+04	1.966265E+02	3.129407E+01	80	1.177073E+05	3.430850E+02	5.460367E+01
31	3.934862E+04	1.983649E+02	3.157075E+01	81	1.215569E+05	3.486501E+02	5.548938E+01
32	3.948647E+04	1.987120E+02	3.162600E+01	82	1.229914E+05	3.507013E+02	5.581584E+01
33	3.967175E+04	1.991777E+02	3.170011E+01	83	1.275600E+05	3.571554E+02	5.684305E+01
34	3.992468E+04	1.998116E+02	3.180101E+01	84	1.332140E+05	3.649849E+02	5.808916E+01
35	4.003118E+04	2.000779E+02	3.184339E+01	85	1.362856E+05	3.691688E+02	5.875504E+01
36	4.067005E+04	2.016682E+02	3.209649E+01	86	1.378814E+05	3.713238E+02	5.909802E+01
37	4.477273E+04	2.115957E+02	3.367650E+01	87	1.407885E+05	3.752179E+02	5.971778E+01
38	4.767291E+04	2.183413E+02	3.475009E+01	88	1.437145E+05	3.790970E+02	6.033516E+01
39	5.077581E+04	2.253349E+02	3.586316E+01	89	1.477461E+05	3.843776E+02	6.117559E+01
40	5.373816E+04	2.318149E+02	3.689449E+01	90	1.530436E+05	3.912079E+02	6.226268E+01
41	5.724873E+04	2.392671E+02	3.808054E+01	91	1.571518E+05	3.964238E+02	6.309281E+01
42	5.726924E+04	2.393099E+02	3.808736E+01	92	1.644268E+05	4.054957E+02	6.453665E+01
43	5.728942E+04	2.393521E+02	3.809407E+01	93	1.651484E+05	4.063846E+02	6.467812E+01
44	5.730829E+04	2.393915E+02	3.810034E+01	94	1.668278E+05	4.084456E+02	6.500613E+01
45	5.732277E+04	2.394217E+02	3.810515E+01	95	1.670157E+05	4.086755E+02	6.504273E+01
46	5.733492E+04	2.394471E+02	3.810919E+01	96	1.671672E+05	4.088609E+02	6.507223E+01
47	6.244467E+04	2.498893E+02	3.977112E+01	97	1.674482E+05	4.092044E+02	6.512690E+01
48	6.310457E+04	2.512062E+02	3.998071E+01	98	1.683026E+05	4.102470E+02	6.529284E+01
49	6.831229E+04	2.613662E+02	4.159772E+01	99	1.687267E+05	4.107636E+02	6.537505E+01
50	6.965154E+04	2.639158E+02	4.200350E+01	100	1.695881E+05	4.118108E+02	6.554172E+01

U N C O N S T R A I N E D R E A L E I G E N V A L U E S

MODE	EIGENVALUE	RADIANS	FREQUENCY	MODE	EIGENVALUE	RADIANS	FREQUENCY
101	1.703265E+05	4.127064E+02	6.568426E+01	151	2.835391E+05	5.324839E+02	8.474744E+01
102	1.712890E+05	4.138707E+02	6.586957E+01	152	2.919553E+05	5.403288E+02	8.599601E+01
103	1.737980E+05	4.168908E+02	6.635024E+01	153	2.973847E+05	5.453299E+02	8.679195E+01
104	1.747745E+05	4.180604E+02	6.653638E+01	154	2.997262E+05	5.474726E+02	8.713297E+01
105	1.782249E+05	4.221669E+02	6.718994E+01	155	3.043131E+05	5.516458E+02	8.779716E+01
106	1.794348E+05	4.235974E+02	6.741762E+01	156	3.081867E+05	5.551457E+02	8.835418E+01
107	1.804251E+05	4.247648E+02	6.760342E+01	157	3.107420E+05	5.574424E+02	8.871971E+01
108	1.812446E+05	4.257284E+02	6.775677E+01	158	3.222385E+05	5.676605E+02	9.034598E+01
109	1.824432E+05	4.271337E+02	6.798044E+01	159	3.229160E+05	5.682570E+02	9.044091E+01
110	1.830611E+05	4.278564E+02	6.809547E+01	160	3.264100E+05	5.713230E+02	9.092888E+01
111	1.846709E+05	4.297335E+02	6.839422E+01	161	3.369485E+05	5.804727E+02	9.238509E+01
112	1.877216E+05	4.332685E+02	6.895682E+01	162	3.387604E+05	5.820312E+02	9.263315E+01
113	1.918607E+05	4.380191E+02	6.971290E+01	163	3.404307E+05	5.834644E+02	9.286124E+01
114	1.934796E+05	4.398632E+02	7.000640E+01	164	3.482753E+05	5.901486E+02	9.392506E+01
115	1.962710E+05	4.430248E+02	7.050959E+01	165	3.640148E+05	6.033364E+02	9.602397E+01
116	2.003310E+05	4.475835E+02	7.123513E+01	166	3.744474E+05	6.119210E+02	9.739026E+01
117	2.042761E+05	4.519692E+02	7.193313E+01	167	3.799079E+05	6.163667E+02	9.809781E+01
118	2.081993E+05	4.562887E+02	7.262059E+01	168	3.823995E+05	6.183846E+02	9.841896E+01
119	2.094296E+05	4.576348E+02	7.283485E+01	169	3.861182E+05	6.213841E+02	9.889635E+01
120	2.102829E+05	4.585661E+02	7.298306E+01	170	3.914602E+05	6.256678E+02	9.957812E+01
121	2.134422E+05	4.619981E+02	7.352928E+01	171	3.934459E+05	6.272526E+02	9.983036E+01
122	2.168784E+05	4.657020E+02	7.411878E+01	172	3.984112E+05	6.311982E+02	1.004583E+02
123	2.181824E+05	4.671000E+02	7.434127E+01	173	4.083336E+05	6.390099E+02	1.017016E+02
124	2.207344E+05	4.698238E+02	7.477478E+01	174	4.145851E+05	6.438828E+02	1.024771E+02
125	2.229448E+05	4.721703E+02	7.514824E+01	175	4.219954E+05	6.496117E+02	1.033889E+02
126	2.272685E+05	4.767268E+02	7.587343E+01	176	4.246693E+05	6.516666E+02	1.037160E+02
127	2.288772E+05	4.784111E+02	7.614149E+01	177	4.253229E+05	6.521679E+02	1.037957E+02
128	2.305851E+05	4.801927E+02	7.642505E+01	178	4.259172E+05	6.526233E+02	1.038682E+02
129	2.332359E+05	4.829450E+02	7.686309E+01	179	4.262695E+05	6.528932E+02	1.039112E+02
130	2.394579E+05	4.893443E+02	7.788157E+01	180	4.266641E+05	6.531953E+02	1.039593E+02
131	2.486042E+05	4.986022E+02	7.935501E+01	181	4.291995E+05	6.551332E+02	1.042677E+02
132	2.488747E+05	4.988734E+02	7.939817E+01	182	4.345218E+05	6.591827E+02	1.049122E+02
133	2.506434E+05	5.006429E+02	7.967980E+01	183	4.363637E+05	6.605783E+02	1.051343E+02
134	2.511547E+05	5.011533E+02	7.976103E+01	184	4.371070E+05	6.611407E+02	1.052238E+02
135	2.511894E+05	5.011880E+02	7.976654E+01	185	4.374984E+05	6.614366E+02	1.052709E+02
136	2.512616E+05	5.012600E+02	7.977801E+01	186	4.376273E+05	6.615340E+02	1.052864E+02
137	2.514407E+05	5.014386E+02	7.980643E+01	187	4.418057E+05	6.646847E+02	1.057879E+02
138	2.521617E+05	5.021570E+02	7.992078E+01	188	4.433311E+05	6.658311E+02	1.059703E+02
139	2.550966E+05	5.050709E+02	8.038453E+01	189	4.487574E+05	6.698936E+02	1.066169E+02
140	2.565377E+05	5.064955E+02	8.061126E+01	190	4.565537E+05	6.756876E+02	1.075390E+02
141	2.605316E+05	5.104230E+02	8.123634E+01	191	4.681649E+05	6.842258E+02	1.088979E+02
142	2.613263E+05	5.112008E+02	8.136014E+01	192	4.742859E+05	6.886842E+02	1.096075E+02
143	2.615809E+05	5.114498E+02	8.139976E+01	193	4.824718E+05	6.946019E+02	1.105493E+02
144	2.621997E+05	5.120544E+02	8.149598E+01	194	4.962921E+05	7.044800E+02	1.121215E+02
145	2.636611E+05	5.134794E+02	8.172278E+01	195	5.003036E+05	7.073215E+02	1.125737E+02
146	2.637325E+05	5.135489E+02	8.173384E+01	196	5.011714E+05	7.079346E+02	1.126713E+02
147	2.730777E+05	5.225684E+02	8.316934E+01	197	5.099588E+05	7.141140E+02	1.136548E+02
148	2.755271E+05	5.249068E+02	8.354151E+01	198	5.152435E+05	7.178046E+02	1.142422E+02
149	2.766161E+05	5.259430E+02	8.370644E+01	199	5.214038E+05	7.220829E+02	1.149231E+02
150	2.783749E+05	5.276125E+02	8.397213E+01	200	5.431950E+05	7.370176E+02	1.173000E+02

U N C O N S T R A I N E D R E A L E I G E N V A L U E S

MODE	EIGENVALUE	RADIANS	FREQUENCY
201	5.482498E+05	7.404389E+02	1.178445E+02
202	5.583600E+05	7.472349E+02	1.189261E+02
203	5.598708E+05	7.482452E+02	1.190869E+02
204	5.800691E+05	7.616227E+02	1.212160E+02
205	5.813439E+05	7.624591E+02	1.213491E+02
206	5.883402E+05	7.670334E+02	1.220772E+02
207	5.947045E+05	7.711708E+02	1.227357E+02
208	6.008529E+05	7.751470E+02	1.233685E+02
209	6.015999E+05	7.756287E+02	1.234451E+02
210	6.152195E+05	7.843593E+02	1.248347E+02
211	6.156490E+05	7.846330E+02	1.248782E+02
212	6.167551E+05	7.853375E+02	1.249904E+02
213	6.172726E+05	7.856670E+02	1.250428E+02
214	6.214294E+05	7.883079E+02	1.254631E+02
215	6.283532E+05	7.926873E+02	1.261601E+02
216	6.301377E+05	7.938121E+02	1.263391E+02
217	6.329592E+05	7.955873E+02	1.266217E+02
218	6.378279E+05	7.986413E+02	1.271077E+02
219	6.397478E+05	7.998424E+02	1.272989E+02
220	6.418463E+05	8.011531E+02	1.275075E+02
221	6.461023E+05	8.038049E+02	1.279295E+02
222	6.510400E+05	8.068705E+02	1.284174E+02
223	6.545467E+05	8.090406E+02	1.287628E+02
224	6.555755E+05	8.096761E+02	1.288640E+02
225	6.578569E+05	8.110838E+02	1.290880E+02
226	6.591796E+05	8.118988E+02	1.292177E+02
227	6.599368E+05	8.123649E+02	1.292919E+02
228	6.616963E+05	8.134472E+02	1.294641E+02
229	6.635587E+05	8.145911E+02	1.296462E+02
230	6.668544E+05	8.166116E+02	1.299678E+02
231	6.670714E+05	8.167444E+02	1.299889E+02
232	6.753147E+05	8.217753E+02	1.307896E+02
233	6.759504E+05	8.221620E+02	1.308512E+02
234	6.824566E+05	8.261093E+02	1.314794E+02
235	6.843861E+05	8.272763E+02	1.316651E+02
236	6.875808E+05	8.292049E+02	1.319721E+02
237	6.921761E+05	8.319712E+02	1.324123E+02
238	6.944728E+05	8.333503E+02	1.326318E+02
239	7.004458E+05	8.369264E+02	1.332010E+02
240	7.031330E+05	8.385302E+02	1.334562E+02
241	7.068709E+05	8.407561E+02	1.338105E+02
242	7.090447E+05	8.420479E+02	1.340161E+02
243	7.128359E+05	8.442961E+02	1.343739E+02
244	7.142547E+05	8.451359E+02	1.345076E+02
245	7.165157E+05	8.464725E+02	1.347203E+02
246	7.250293E+05	8.514865E+02	1.355183E+02
247	7.274190E+05	8.528886E+02	1.357414E+02
248	7.291458E+05	8.539003E+02	1.359025E+02
249	7.344734E+05	8.570142E+02	1.363980E+02
250	7.359506E+05	8.578756E+02	1.365351E+02
251	7.394337E+05	8.599033E+02	1.368579E+02
252	7.488933E+05	8.653862E+02	1.377305E+02
253	7.498588E+05	8.659439E+02	1.378192E+02
254	7.553344E+05	8.690997E+02	1.383215E+02
255	7.581641E+05	8.707262E+02	1.385804E+02
256	7.591003E+05	8.712636E+02	1.386659E+02
257	7.619718E+05	8.729100E+02	1.389279E+02
258	7.674646E+05	8.760505E+02	1.394278E+02
259	7.708336E+05	8.779713E+02	1.397335E+02
260	7.792971E+05	8.827781E+02	1.404985E+02
261	7.953996E+05	8.918518E+02	1.419426E+02
262	7.983174E+05	8.934861E+02	1.422027E+02
263	7.990052E+05	8.938709E+02	1.422640E+02
264	8.033496E+05	8.962977E+02	1.426502E+02
265	8.129138E+05	9.016173E+02	1.434969E+02
266	8.148498E+05	9.026903E+02	1.436676E+02
267	8.229497E+05	9.071657E+02	1.443799E+02
268	8.291806E+05	9.105935E+02	1.449255E+02
269	8.359007E+05	9.142760E+02	1.455116E+02
270	8.416779E+05	9.174301E+02	1.460135E+02
271	8.482883E+05	9.210257E+02	1.465858E+02
272	8.546359E+05	9.244652E+02	1.471332E+02
273	8.571490E+05	9.258234E+02	1.473494E+02
274	8.780735E+05	9.370557E+02	1.491371E+02
275	8.865861E+05	9.415870E+02	1.498582E+02
276	1.040628E+06	1.020112E+03	1.623558E+02
277	1.057439E+06	1.028319E+03	1.636620E+02
278	1.464405E+06	1.210126E+03	1.925976E+02
279	1.535909E+06	1.239318E+03	1.972436E+02
280	2.022421E+06	1.422119E+03	2.263372E+02
281	2.146684E+06	1.465157E+03	2.331869E+02
282	2.465279E+06	1.570121E+03	2.498925E+02

C O N S T R A I N E D R E A L E I G E N V A L U E S

MODE	EIGENVALUE	RADIANS	FREQUENCY	MODE	EIGENVALUE	RADIANS	FREQUENCY
1	1.405094E+03	3.748458E+01	5.965857E+00	51	8.079807E+04	2.842500E+02	4.523980E+01
2	2.584111E+03	5.083415E+01	8.090506E+00	52	8.284167E+04	2.878223E+02	4.580834E+01
3	3.221676E+03	5.675981E+01	9.033604E+00	53	8.531970E+04	2.920954E+02	4.648842E+01
4	1.110370E+04	1.053741E+02	1.677081E+01	54	8.549971E+04	2.924033E+02	4.653744E+01
5	1.345821E+04	1.160095E+02	1.846349E+01	55	8.983531E+04	2.997254E+02	4.770278E+01
6	1.536678E+04	1.239628E+02	1.972930E+01	56	9.120275E+04	3.019979E+02	4.806446E+01
7	1.814263E+04	1.346946E+02	2.143731E+01	57	9.265273E+04	3.043891E+02	4.844503E+01
8	2.102585E+04	1.450029E+02	2.307793E+01	58	9.580804E+04	3.095287E+02	4.926303E+01
9	2.132055E+04	1.460156E+02	2.323910E+01	59	9.809276E+04	3.131976E+02	4.984695E+01
10	2.192983E+04	1.480872E+02	2.356882E+01	60	9.891831E+04	3.145128E+02	5.005627E+01
11	2.201266E+04	1.483666E+02	2.361328E+01	61	1.034423E+05	3.216245E+02	5.118813E+01
12	2.218474E+04	1.489454E+02	2.370540E+01	62	1.054478E+05	3.247273E+02	5.168196E+01
13	2.263425E+04	1.504468E+02	2.394436E+01	63	1.060829E+05	3.257037E+02	5.183735E+01
14	2.339199E+04	1.529444E+02	2.434186E+01	64	1.064679E+05	3.262942E+02	5.193133E+01
15	2.430296E+04	1.558941E+02	2.481131E+01	65	1.074880E+05	3.278536E+02	5.217953E+01
16	2.523417E+04	1.588527E+02	2.528219E+01	66	1.080808E+05	3.287565E+02	5.232322E+01
17	2.655307E+04	1.629511E+02	2.593448E+01	67	1.082397E+05	3.289981E+02	5.236167E+01
18	2.659028E+04	1.630653E+02	2.595264E+01	68	1.084618E+05	3.293354E+02	5.241536E+01
19	2.686081E+04	1.638927E+02	2.608433E+01	69	1.093789E+05	3.307248E+02	5.263648E+01
20	2.695566E+04	1.641818E+02	2.613034E+01	70	1.100699E+05	3.317679E+02	5.280250E+01
21	2.724213E+04	1.650519E+02	2.626883E+01	71	1.111907E+05	3.334527E+02	5.307065E+01
22	2.776878E+04	1.666397E+02	2.652153E+01	72	1.123621E+05	3.352045E+02	5.334945E+01
23	3.146449E+04	1.773823E+02	2.823128E+01	73	1.138610E+05	3.374329E+02	5.370412E+01
24	3.379677E+04	1.838390E+02	2.925888E+01	74	1.152519E+05	3.394876E+02	5.403114E+01
25	3.697302E+04	1.922837E+02	3.060290E+01	75	1.157120E+05	3.401647E+02	5.413889E+01
26	3.783698E+04	1.945173E+02	3.095839E+01	76	1.164209E+05	3.412050E+02	5.430446E+01
27	3.869953E+04	1.967220E+02	3.130927E+01	77	1.171942E+05	3.423363E+02	5.448452E+01
28	3.919334E+04	1.979731E+02	3.150839E+01	78	1.204163E+05	3.470105E+02	5.522844E+01
29	3.946652E+04	1.986618E+02	3.161801E+01	79	1.249952E+05	3.535467E+02	5.626870E+01
30	3.961148E+04	1.990263E+02	3.167603E+01	80	1.262606E+05	3.553317E+02	5.655280E+01
31	3.985264E+04	1.996313E+02	3.177230E+01	81	1.341337E+05	3.662426E+02	5.828932E+01
32	4.053204E+04	2.013257E+02	3.204198E+01	82	1.362318E+05	3.690959E+02	5.874344E+01
33	4.090788E+04	2.022570E+02	3.219019E+01	83	1.372319E+05	3.704483E+02	5.895867E+01
34	4.281470E+04	2.069171E+02	3.293189E+01	84	1.415716E+05	3.762601E+02	5.988365E+01
35	4.631040E+04	2.151985E+02	3.424991E+01	85	1.424445E+05	3.774182E+02	6.006797E+01
36	4.867696E+04	2.206286E+02	3.511413E+01	86	1.454019E+05	3.813160E+02	6.068833E+01
37	5.052911E+04	2.247868E+02	3.577593E+01	87	1.478523E+05	3.845157E+02	6.119758E+01
38	5.586590E+04	2.363597E+02	3.761781E+01	88	1.536235E+05	3.919484E+02	6.238052E+01
39	5.719601E+04	2.391569E+02	3.806300E+01	89	1.638037E+05	4.047267E+02	6.441425E+01
40	5.727462E+04	2.393212E+02	3.808915E+01	90	1.667069E+05	4.082975E+02	6.498257E+01
41	5.729884E+04	2.393718E+02	3.809720E+01	91	1.669666E+05	4.086155E+02	6.503317E+01
42	5.732126E+04	2.394186E+02	3.810465E+01	92	1.671150E+05	4.087970E+02	6.506206E+01
43	5.733033E+04	2.394375E+02	3.810767E+01	93	1.675266E+05	4.093002E+02	6.514214E+01
44	5.736028E+04	2.395001E+02	3.811762E+01	94	1.676118E+05	4.094042E+02	6.515871E+01
45	5.958291E+04	2.440961E+02	3.884910E+01	95	1.684106E+05	4.103786E+02	6.531379E+01
46	6.465944E+04	2.542822E+02	4.047027E+01	96	1.687965E+05	4.108485E+02	6.538857E+01
47	6.671779E+04	2.582979E+02	4.110938E+01	97	1.695149E+05	4.117219E+02	6.552758E+01
48	6.931668E+04	2.632806E+02	4.190241E+01	98	1.710866E+05	4.136261E+02	6.583064E+01
49	7.370280E+04	2.714826E+02	4.320780E+01	99	1.714805E+05	4.141021E+02	6.590639E+01
50	8.004865E+04	2.829287E+02	4.502950E+01	100	1.740477E+05	4.171903E+02	6.639789E+01

C O N S T R A I N E D R E A L E I G E N V A L U E S

MODE	EIGENVALUE	RADIANS	FREQUENCY	MODE	EIGENVALUE	RADIANS	FREQUENCY
101	1.766817E+05	4.203352E+02	6.689843E+01	151	3.039968E+05	5.513591E+02	8.775152E+01
102	1.786664E+05	4.226895E+02	6.727313E+01	152	3.069277E+05	5.540106E+02	8.817352E+01
103	1.793528E+05	4.235007E+02	6.740223E+01	153	3.138751E+05	5.602456E+02	8.916585E+01
104	1.807937E+05	4.251984E+02	6.767243E+01	154	3.191406E+05	5.649253E+02	8.991065E+01
105	1.825166E+05	4.272196E+02	6.799411E+01	155	3.235613E+05	5.688245E+02	9.053123E+01
106	1.828550E+05	4.276155E+02	6.805713E+01	156	3.295032E+05	5.740237E+02	9.135871E+01
107	1.836230E+05	4.285126E+02	6.819990E+01	157	3.298420E+05	5.743188E+02	9.140567E+01
108	1.855852E+05	4.307960E+02	6.856332E+01	158	3.325913E+05	5.767073E+02	9.178582E+01
109	1.861539E+05	4.314556E+02	6.866829E+01	159	3.376066E+05	5.810392E+02	9.247527E+01
110	1.898814E+05	4.357538E+02	6.935237E+01	160	3.406366E+05	5.836408E+02	9.288932E+01
111	1.948209E+05	4.413852E+02	7.024864E+01	161	3.511503E+05	5.925794E+02	9.431194E+01
112	1.962159E+05	4.429626E+02	7.049969E+01	162	3.659398E+05	6.049296E+02	9.627753E+01
113	2.036840E+05	4.513137E+02	7.182880E+01	163	3.707585E+05	6.088995E+02	9.690936E+01
114	2.068480E+05	4.548054E+02	7.238454E+01	164	3.748884E+05	6.122813E+02	9.744759E+01
115	2.090218E+05	4.571890E+02	7.276389E+01	165	3.824139E+05	6.183962E+02	9.842082E+01
116	2.104209E+05	4.587166E+02	7.300702E+01	166	3.829591E+05	6.188369E+02	9.849095E+01
117	2.153348E+05	4.640418E+02	7.385454E+01	167	3.902851E+05	6.247280E+02	9.942855E+01
118	2.168852E+05	4.657093E+02	7.411994E+01	168	3.936505E+05	6.274158E+02	9.985632E+01
119	2.178817E+05	4.667780E+02	7.429003E+01	169	3.950904E+05	6.285622E+02	1.000388E+02
120	2.213373E+05	4.704650E+02	7.487682E+01	170	3.990710E+05	6.317206E+02	1.005415E+02
121	2.238107E+05	4.730864E+02	7.529404E+01	171	4.125554E+05	6.423048E+02	1.022260E+02
122	2.269072E+05	4.763478E+02	7.581311E+01	172	4.141504E+05	6.435452E+02	1.024234E+02
123	2.293592E+05	4.789146E+02	7.622163E+01	173	4.195128E+05	6.476981E+02	1.030844E+02
124	2.307304E+05	4.803440E+02	7.644912E+01	174	4.255166E+05	6.523163E+02	1.038194E+02
125	2.338658E+05	4.835967E+02	7.696681E+01	175	4.257645E+05	6.525063E+02	1.038496E+02
126	2.409914E+05	4.909088E+02	7.813056E+01	176	4.260335E+05	6.527124E+02	1.038824E+02
127	2.446688E+05	4.946401E+02	7.872441E+01	177	4.262464E+05	6.528755E+02	1.039084E+02
128	2.501100E+05	5.001100E+02	7.959498E+01	178	4.265953E+05	6.531426E+02	1.039509E+02
129	2.506997E+05	5.006992E+02	7.968875E+01	179	4.270516E+05	6.534918E+02	1.040065E+02
130	2.508533E+05	5.008525E+02	7.971316E+01	180	4.293110E+05	6.552183E+02	1.042812E+02
131	2.510621E+05	5.010610E+02	7.974633E+01	181	4.362902E+05	6.605226E+02	1.051254E+02
132	2.512130E+05	5.012115E+02	7.977029E+01	182	4.372405E+05	6.612416E+02	1.052399E+02
133	2.514141E+05	5.014121E+02	7.980222E+01	183	4.376650E+05	6.615625E+02	1.052909E+02
134	2.518667E+05	5.018632E+02	7.987401E+01	184	4.379192E+05	6.617547E+02	1.053215E+02
135	2.547032E+05	5.046813E+02	8.032252E+01	185	4.393877E+05	6.628633E+02	1.054980E+02
136	2.582258E+05	5.081592E+02	8.087606E+01	186	4.436606E+05	6.660785E+02	1.060097E+02
137	2.607067E+05	5.105944E+02	8.126363E+01	187	4.472866E+05	6.687949E+02	1.064420E+02
138	2.609998E+05	5.108814E+02	8.130930E+01	188	4.577628E+05	6.765817E+02	1.076813E+02
139	2.613343E+05	5.112087E+02	8.136139E+01	189	4.594634E+05	6.778373E+02	1.078812E+02
140	2.617881E+05	5.116524E+02	8.143200E+01	190	4.611954E+05	6.791137E+02	1.080843E+02
141	2.627358E+05	5.125776E+02	8.157926E+01	191	4.735583E+05	6.881557E+02	1.095234E+02
142	2.642945E+05	5.140958E+02	8.182089E+01	192	4.835791E+05	6.953985E+02	1.106761E+02
143	2.689300E+05	5.185846E+02	8.253531E+01	193	4.948162E+05	7.034317E+02	1.119546E+02
144	2.738987E+05	5.233533E+02	8.329426E+01	194	4.995808E+05	7.068103E+02	1.124923E+02
145	2.753211E+05	5.247105E+02	8.351026E+01	195	5.034341E+05	7.095309E+02	1.129254E+02
146	2.768663E+05	5.261808E+02	8.374428E+01	196	5.110390E+05	7.148699E+02	1.137751E+02
147	2.843843E+05	5.332770E+02	8.487366E+01	197	5.214238E+05	7.220968E+02	1.149253E+02
148	2.902229E+05	5.387234E+02	8.574049E+01	198	5.298106E+05	7.278809E+02	1.158458E+02
149	2.924850E+05	5.408188E+02	8.607399E+01	199	5.469120E+05	7.395350E+02	1.177006E+02
150	2.984543E+05	5.463097E+02	8.694790E+01	200	5.484252E+05	7.405574E+02	1.178634E+02

C O N S T R A I N E D R E A L E I G E N V A L U E S

MODE	EIGENVALUE	RADIANS	FREQUENCY
201	5.592887E+05	7.478560E+02	1.190250E+02
202	5.603709E+05	7.485792E+02	1.191401E+02
203	5.747890E+05	7.581484E+02	1.206631E+02
204	5.838761E+05	7.641179E+02	1.216131E+02
205	5.861596E+05	7.656106E+02	1.218507E+02
206	5.943205E+05	7.709218E+02	1.226960E+02
207	5.964584E+05	7.723072E+02	1.229165E+02
208	6.014146E+05	7.755092E+02	1.234261E+02
209	6.155677E+05	7.845813E+02	1.248700E+02
210	6.158202E+05	7.847421E+02	1.248956E+02
211	6.172757E+05	7.856690E+02	1.250431E+02
212	6.190551E+05	7.868005E+02	1.252232E+02
213	6.211791E+05	7.881492E+02	1.254378E+02
214	6.271355E+05	7.919189E+02	1.260378E+02
215	6.288201E+05	7.929818E+02	1.262070E+02
216	6.305365E+05	7.940633E+02	1.263791E+02
217	6.360419E+05	7.975223E+02	1.269296E+02
218	6.397107E+05	7.998192E+02	1.272952E+02
219	6.421914E+05	8.013685E+02	1.275418E+02
220	6.433561E+05	8.020948E+02	1.276574E+02
221	6.474317E+05	8.046314E+02	1.280611E+02
222	6.534487E+05	8.083617E+02	1.286548E+02
223	6.564797E+05	8.102344E+02	1.289528E+02
224	6.588527E+05	8.116974E+02	1.291857E+02
225	6.599387E+05	8.123661E+02	1.292921E+02
226	6.613106E+05	8.132100E+02	1.294264E+02
227	6.629499E+05	8.142174E+02	1.295867E+02
228	6.648309E+05	8.153716E+02	1.297704E+02
229	6.668159E+05	8.165879E+02	1.299640E+02
230	6.719665E+05	8.197356E+02	1.304650E+02
231	6.759340E+05	8.221520E+02	1.308496E+02
232	6.784543E+05	8.236834E+02	1.310933E+02
233	6.798239E+05	8.245144E+02	1.312255E+02
234	6.849903E+05	8.276414E+02	1.317232E+02
235	6.896612E+05	8.304584E+02	1.321716E+02
236	6.929041E+05	8.324086E+02	1.324819E+02
237	6.967099E+05	8.346915E+02	1.328453E+02
238	7.014068E+05	8.375003E+02	1.332923E+02
239	7.021237E+05	8.379282E+02	1.333604E+02
240	7.059601E+05	8.402143E+02	1.337243E+02
241	7.089671E+05	8.420019E+02	1.340088E+02
242	7.133460E+05	8.445981E+02	1.344220E+02
243	7.164552E+05	8.464367E+02	1.347146E+02
244	7.173589E+05	8.469704E+02	1.347995E+02
245	7.242068E+05	8.510034E+02	1.354414E+02
246	7.268407E+05	8.525496E+02	1.356875E+02
247	7.286043E+05	8.535832E+02	1.358520E+02
248	7.302464E+05	8.545445E+02	1.360050E+02
249	7.383304E+05	8.592616E+02	1.367557E+02
250	7.407713E+05	8.606807E+02	1.369816E+02
251	7.489238E+05	8.654038E+02	1.377333E+02
252	7.501366E+05	8.661043E+02	1.378448E+02
253	7.541181E+05	8.683997E+02	1.382101E+02
254	7.570928E+05	8.701108E+02	1.384824E+02
255	7.590940E+05	8.712600E+02	1.386653E+02
256	7.617639E+05	8.727909E+02	1.389090E+02
257	7.636410E+05	8.738655E+02	1.390800E+02
258	7.687870E+05	8.768050E+02	1.395479E+02
259	7.708488E+05	8.779799E+02	1.397348E+02
260	7.844160E+05	8.856726E+02	1.409592E+02
261	7.973898E+05	8.929669E+02	1.421201E+02
262	7.993929E+05	8.940878E+02	1.422985E+02
263	8.042316E+05	8.967896E+02	1.427285E+02
264	8.128700E+05	9.015930E+02	1.434930E+02
265	8.192312E+05	9.051139E+02	1.440534E+02
266	8.244935E+05	9.080163E+02	1.445153E+02
267	8.277061E+05	9.097836E+02	1.447966E+02
268	8.300701E+05	9.110818E+02	1.450032E+02
269	8.382322E+05	9.155502E+02	1.457143E+02
270	8.427845E+05	9.180330E+02	1.461095E+02
271	8.557074E+05	9.250446E+02	1.472254E+02
272	8.581847E+05	9.263826E+02	1.474384E+02
273	8.715326E+05	9.335591E+02	1.485805E+02
274	8.801638E+05	9.381705E+02	1.493145E+02
275	8.875416E+05	9.420943E+02	1.499390E+02

E F F E C T I V E M O D A L M A S S

MODE	FREQUENCY	T1	T2	T3	R1	R2	R3
1	5.965857E+00	73.91%	0.08%	0.11%	0.00%	16.99%	0.13%
2	8.090506E+00	8.76%	7.42%	0.55%	0.18%	66.73%	0.04%
3	9.033604E+00	1.44%	90.65%	0.03%	0.43%	5.17%	0.09%
4	1.677081E+01	0.03%	0.20%	41.15%	2.33%	0.03%	2.93%
5	1.846349E+01	0.93%	0.07%	0.78%	0.02%	0.63%	26.57%
6	1.972930E+01	0.27%	0.25%	31.07%	1.86%	0.00%	4.75%
7	2.143731E+01	1.33%	0.16%	3.11%	0.35%	1.32%	18.30%
8	2.307793E+01	0.95%	0.07%	0.03%	0.47%	0.25%	0.30%
9	2.323910E+01	0.13%	0.00%	3.98%	0.86%	0.00%	0.75%
10	2.356882E+01	0.03%	0.00%	0.03%	0.02%	0.02%	0.00%
11	2.361328E+01	0.03%	0.00%	0.15%	0.24%	0.06%	0.02%
12	2.370540E+01	0.05%	0.00%	0.05%	0.00%	0.02%	0.09%
13	2.394436E+01	0.15%	0.01%	0.01%	0.44%	0.03%	0.50%
14	2.434186E+01	0.02%	0.12%	0.14%	0.08%	0.01%	1.80%
15	2.481131E+01	0.11%	0.12%	5.69%	2.75%	0.09%	0.35%
16	2.528219E+01	0.02%	0.00%	0.04%	2.68%	0.06%	0.08%
17	2.593448E+01	0.00%	0.00%	0.02%	0.00%	0.01%	0.00%
18	2.595264E+01	0.01%	0.00%	0.00%	0.01%	0.00%	0.01%
19	2.608433E+01	0.01%	0.01%	0.00%	0.00%	0.01%	0.37%
20	2.613034E+01	0.00%	0.00%	0.04%	0.03%	0.00%	0.00%
21	2.626883E+01	0.00%	0.00%	0.36%	0.00%	0.06%	0.01%
22	2.652153E+01	0.00%	0.00%	0.84%	0.26%	0.00%	0.11%
23	2.823128E+01	0.10%	0.04%	2.08%	0.04%	0.01%	0.94%
24	2.925888E+01	0.01%	0.00%	0.01%	0.00%	0.01%	0.06%
25	3.060290E+01	0.09%	0.04%	0.70%	6.81%	0.00%	0.09%
26	3.095839E+01	0.06%	0.03%	0.98%	3.85%	0.19%	0.03%
27	3.130927E+01	0.03%	0.00%	0.00%	0.00%	0.03%	0.04%
28	3.150839E+01	0.04%	0.01%	0.03%	1.94%	0.01%	0.02%
29	3.161801E+01	0.00%	0.00%	0.00%	0.25%	0.01%	0.00%
30	3.167603E+01	0.03%	0.00%	0.00%	0.09%	0.01%	0.00%
31	3.177230E+01	0.00%	0.00%	0.00%	0.38%	0.00%	0.00%
32	3.204198E+01	0.01%	0.01%	0.80%	0.77%	0.04%	0.01%
33	3.219019E+01	0.03%	0.00%	0.07%	0.79%	0.01%	0.07%
34	3.293189E+01	0.01%	0.07%	0.21%	8.15%	0.19%	0.00%
35	3.424991E+01	0.03%	0.02%	0.21%	2.76%	0.05%	1.10%
36	3.511413E+01	0.21%	0.00%	0.02%	2.48%	0.17%	4.06%
37	3.577593E+01	0.01%	0.01%	0.00%	0.63%	0.00%	0.11%
38	3.761781E+01	3.01%	0.00%	0.01%	0.09%	0.87%	0.19%
39	3.806300E+01	0.00%	0.00%	0.01%	0.53%	0.00%	0.11%
40	3.808915E+01	0.01%	0.00%	0.00%	0.00%	0.00%	0.01%
41	3.809720E+01	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
42	3.810465E+01	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%
43	3.810767E+01	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
44	3.811762E+01	0.16%	0.00%	0.01%	0.02%	0.06%	0.01%
45	3.884910E+01	0.00%	0.04%	0.39%	12.67%	0.05%	2.98%
46	4.047027E+01	0.20%	0.00%	0.37%	1.01%	0.03%	1.06%
47	4.110938E+01	0.00%	0.00%	0.00%	0.46%	0.03%	1.88%
48	4.190241E+01	0.00%	0.03%	0.29%	7.03%	0.01%	0.11%
49	4.320780E+01	0.15%	0.01%	0.29%	0.13%	0.01%	3.53%
50	4.502950E+01	0.09%	0.00%	0.16%	0.60%	0.03%	0.01%

E F F E C T I V E M O D A L M A S S

MODE	FREQUENCY	T1	T2	T3	R1	R2	R3
51	4.523980E+01	0.07%	0.01%	0.25%	0.80%	0.02%	3.01%
52	4.580834E+01	0.00%	0.01%	0.17%	1.27%	0.01%	0.00%
53	4.648842E+01	0.01%	0.00%	0.01%	0.63%	0.04%	0.37%
54	4.653744E+01	0.13%	0.01%	0.00%	0.10%	0.06%	0.26%
55	4.770278E+01	0.00%	0.00%	0.02%	0.48%	0.00%	0.15%
56	4.806446E+01	0.00%	0.03%	0.00%	1.05%	0.00%	0.00%
57	4.844503E+01	0.15%	0.00%	0.09%	0.00%	0.23%	0.68%
58	4.926303E+01	0.01%	0.00%	0.00%	0.00%	0.02%	0.01%
59	4.984695E+01	0.02%	0.00%	0.01%	0.16%	0.00%	0.06%
60	5.005627E+01	0.01%	0.00%	0.00%	0.00%	0.01%	0.00%
61	5.118813E+01	0.01%	0.00%	0.01%	0.03%	0.01%	0.00%
62	5.168196E+01	0.02%	0.01%	0.00%	0.59%	0.00%	0.05%
63	5.183735E+01	0.00%	0.00%	0.00%	0.01%	0.01%	0.07%
64	5.193133E+01	0.04%	0.01%	0.00%	0.20%	0.01%	0.00%
65	5.217953E+01	0.00%	0.00%	0.00%	0.04%	0.00%	0.00%
66	5.232322E+01	0.01%	0.00%	0.00%	0.08%	0.00%	0.01%
67	5.236167E+01	0.02%	0.00%	0.00%	0.08%	0.00%	0.00%
68	5.241536E+01	0.01%	0.00%	0.00%	0.03%	0.01%	0.00%
69	5.263648E+01	0.08%	0.00%	0.00%	0.00%	0.01%	0.00%
70	5.280250E+01	0.00%	0.00%	0.00%	0.00%	0.00%	0.06%
71	5.307065E+01	0.00%	0.01%	0.00%	0.57%	0.00%	0.03%
72	5.334945E+01	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
73	5.370412E+01	0.01%	0.00%	0.00%	0.07%	0.00%	0.01%
74	5.403114E+01	0.01%	0.00%	0.03%	0.01%	0.00%	0.01%
75	5.413889E+01	0.00%	0.00%	0.00%	0.12%	0.01%	0.02%
76	5.430446E+01	0.00%	0.00%	0.01%	0.43%	0.00%	0.06%
77	5.448452E+01	0.02%	0.00%	0.01%	0.00%	0.00%	0.04%
78	5.522844E+01	0.10%	0.00%	0.00%	0.15%	0.00%	0.00%
79	5.626870E+01	0.01%	0.00%	0.00%	0.14%	0.00%	0.10%
80	5.655280E+01	0.22%	0.03%	0.00%	0.54%	0.02%	0.19%
81	5.828932E+01	0.00%	0.00%	0.01%	0.79%	0.02%	0.05%
82	5.874344E+01	0.15%	0.00%	0.07%	0.21%	0.05%	0.12%
83	5.895867E+01	0.05%	0.00%	0.00%	0.00%	0.00%	0.01%
84	5.988365E+01	0.50%	0.01%	0.00%	0.44%	0.19%	0.00%
85	6.006797E+01	0.02%	0.03%	0.00%	1.37%	0.02%	0.00%
86	6.068833E+01	0.08%	0.02%	0.00%	3.43%	0.04%	0.00%
87	6.119758E+01	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%
88	6.238052E+01	0.03%	0.00%	0.01%	0.23%	0.03%	0.01%
89	6.441425E+01	0.04%	0.00%	0.00%	0.03%	0.05%	0.00%
90	6.498257E+01	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
91	6.503317E+01	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%
92	6.506206E+01	0.00%	0.00%	0.00%	0.02%	0.00%	0.00%
93	6.514214E+01	0.00%	0.00%	0.00%	0.04%	0.00%	0.01%
94	6.515871E+01	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%
95	6.531379E+01	0.01%	0.00%	0.00%	0.00%	0.01%	0.02%
96	6.538857E+01	0.00%	0.00%	0.00%	0.00%	0.00%	0.05%
97	6.552758E+01	0.02%	0.00%	0.00%	0.00%	0.01%	0.06%
98	6.583064E+01	0.00%	0.00%	0.01%	0.04%	0.01%	0.00%
99	6.590639E+01	0.05%	0.00%	0.00%	0.00%	0.00%	0.00%
100	6.639789E+01	0.00%	0.01%	0.00%	0.49%	0.00%	0.00%

E F F E C T I V E M O D A L M A S S

MODE	FREQUENCY	T1	T2	T3	R1	R2	R3
101	6.689843E+01	0.00%	0.00%	0.00%	0.03%	0.03%	0.04%
102	6.727313E+01	0.02%	0.00%	0.03%	0.01%	0.03%	0.00%
103	6.740223E+01	0.04%	0.00%	0.01%	0.05%	0.01%	0.13%
104	6.767243E+01	0.01%	0.00%	0.00%	0.02%	0.00%	0.02%
105	6.799411E+01	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%
106	6.805713E+01	0.01%	0.00%	0.00%	0.01%	0.00%	0.02%
107	6.819990E+01	0.08%	0.00%	0.01%	0.06%	0.02%	0.15%
108	6.856332E+01	0.01%	0.00%	0.02%	0.08%	0.04%	0.20%
109	6.866829E+01	0.00%	0.00%	0.02%	0.01%	0.00%	0.01%
110	6.935237E+01	0.07%	0.00%	0.03%	0.12%	0.03%	0.08%
111	7.024864E+01	0.01%	0.00%	0.01%	0.03%	0.00%	0.03%
112	7.049969E+01	0.00%	0.00%	0.01%	0.12%	0.00%	0.04%
113	7.182880E+01	0.05%	0.01%	0.01%	0.11%	0.02%	0.04%
114	7.238454E+01	0.00%	0.00%	0.00%	0.00%	0.01%	0.09%
115	7.276389E+01	0.00%	0.00%	0.00%	0.05%	0.00%	0.00%
116	7.300702E+01	0.02%	0.01%	0.00%	0.90%	0.02%	0.00%
117	7.385454E+01	0.04%	0.00%	0.02%	0.86%	0.03%	0.00%
118	7.411994E+01	0.00%	0.00%	0.00%	0.02%	0.00%	0.00%
119	7.429003E+01	0.01%	0.00%	0.01%	0.09%	0.00%	0.00%
120	7.487682E+01	0.01%	0.00%	0.02%	0.00%	0.00%	0.09%
121	7.529404E+01	0.02%	0.00%	0.02%	0.14%	0.01%	0.12%
122	7.581311E+01	0.00%	0.00%	0.01%	0.54%	0.00%	0.01%
123	7.622163E+01	0.00%	0.00%	0.01%	0.10%	0.00%	0.01%
124	7.644912E+01	0.00%	0.00%	0.01%	0.02%	0.00%	0.03%
125	7.696681E+01	0.01%	0.00%	0.01%	0.01%	0.00%	0.02%
126	7.813056E+01	0.06%	0.01%	0.12%	0.47%	0.00%	0.06%
127	7.872441E+01	0.03%	0.01%	0.08%	0.00%	0.01%	0.52%
128	7.959498E+01	0.01%	0.00%	0.01%	0.11%	0.00%	0.01%
129	7.968875E+01	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%
130	7.971316E+01	0.00%	0.00%	0.00%	0.01%	0.00%	0.01%
131	7.974633E+01	0.00%	0.00%	0.00%	0.02%	0.00%	0.01%
132	7.977029E+01	0.00%	0.00%	0.00%	0.02%	0.00%	0.00%
133	7.980222E+01	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
134	7.987401E+01	0.01%	0.00%	0.00%	0.06%	0.00%	0.03%
135	8.032252E+01	0.00%	0.00%	0.00%	0.01%	0.00%	0.01%
136	8.087606E+01	0.00%	0.00%	0.03%	0.22%	0.01%	0.01%
137	8.126363E+01	0.00%	0.00%	0.00%	0.06%	0.00%	0.02%
138	8.130930E+01	0.01%	0.00%	0.00%	0.01%	0.00%	0.00%
139	8.136139E+01	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
140	8.143200E+01	0.00%	0.00%	0.01%	0.06%	0.00%	0.03%
141	8.157926E+01	0.00%	0.00%	0.00%	0.00%	0.00%	0.03%
142	8.182089E+01	0.00%	0.00%	0.00%	0.16%	0.00%	0.00%
143	8.253531E+01	0.00%	0.00%	0.02%	0.01%	0.01%	0.26%
144	8.329426E+01	0.04%	0.00%	0.01%	0.06%	0.00%	0.02%
145	8.351026E+01	0.00%	0.00%	0.00%	0.00%	0.00%	0.05%
146	8.374428E+01	0.00%	0.00%	0.00%	0.00%	0.00%	0.05%
147	8.487366E+01	0.00%	0.00%	0.00%	0.05%	0.04%	0.40%
148	8.574049E+01	0.01%	0.00%	0.03%	0.18%	0.01%	0.03%
149	8.607399E+01	0.15%	0.00%	0.01%	0.00%	0.03%	0.14%
150	8.694790E+01	0.02%	0.00%	0.04%	0.03%	0.00%	0.00%

E F F E C T I V E M O D A L M A S S

MODE	FREQUENCY	T1	T2	T3	R1	R2	R3
151	8.775152E+01	0.00%	0.00%	0.00%	0.01%	0.00%	0.01%
152	8.817352E+01	0.03%	0.00%	0.01%	0.08%	0.00%	0.01%
153	8.916585E+01	0.05%	0.00%	0.01%	0.07%	0.02%	0.18%
154	8.991065E+01	0.17%	0.00%	0.03%	0.03%	0.04%	1.18%
155	9.053123E+01	0.12%	0.00%	0.00%	0.34%	0.09%	0.33%
156	9.135871E+01	0.03%	0.00%	0.01%	0.39%	0.03%	1.23%
157	9.140567E+01	0.25%	0.00%	0.00%	0.70%	0.06%	0.28%
158	9.178582E+01	0.53%	0.00%	0.00%	0.02%	0.05%	0.61%
159	9.247527E+01	0.01%	0.00%	0.02%	0.07%	0.00%	0.02%
160	9.288932E+01	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
161	9.431194E+01	0.22%	0.00%	0.07%	0.43%	0.01%	1.27%
162	9.627753E+01	0.29%	0.00%	0.07%	0.03%	0.26%	0.43%
163	9.690936E+01	0.01%	0.01%	0.15%	1.97%	0.01%	1.41%
164	9.744759E+01	0.00%	0.00%	0.02%	0.10%	0.01%	0.03%
165	9.842082E+01	0.05%	0.00%	0.03%	0.05%	0.07%	0.07%
166	9.849095E+01	0.00%	0.00%	0.00%	0.00%	0.00%	0.29%
167	9.942855E+01	0.23%	0.00%	0.23%	0.00%	0.68%	0.36%
168	9.985632E+01	0.05%	0.00%	0.03%	0.00%	0.11%	0.07%
169	1.000388E+02	0.03%	0.00%	0.00%	0.15%	0.13%	0.02%
170	1.005415E+02	0.15%	0.00%	0.08%	0.84%	0.31%	0.70%
171	1.022260E+02	0.06%	0.00%	0.03%	0.20%	0.19%	0.05%
172	1.024234E+02	0.23%	0.00%	0.03%	0.11%	0.31%	0.30%
173	1.030844E+02	0.00%	0.00%	0.01%	0.00%	0.00%	0.11%
174	1.038194E+02	0.00%	0.00%	0.00%	0.04%	0.00%	0.22%
175	1.038496E+02	0.00%	0.00%	0.00%	0.01%	0.01%	0.01%
176	1.038824E+02	0.00%	0.00%	0.01%	0.01%	0.02%	0.01%
177	1.039084E+02	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%
178	1.039509E+02	0.01%	0.00%	0.00%	0.00%	0.03%	0.02%
179	1.040065E+02	0.02%	0.00%	0.00%	0.02%	0.04%	0.18%
180	1.042812E+02	0.01%	0.00%	0.01%	0.02%	0.00%	0.00%
181	1.051254E+02	0.00%	0.00%	0.00%	0.04%	0.00%	0.00%
182	1.052399E+02	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%
183	1.052909E+02	0.00%	0.00%	0.00%	0.02%	0.00%	0.00%
184	1.053215E+02	0.01%	0.00%	0.02%	0.02%	0.03%	0.00%
185	1.054980E+02	0.02%	0.00%	0.01%	0.08%	0.01%	0.01%
186	1.060097E+02	0.00%	0.00%	0.02%	0.08%	0.00%	0.00%
187	1.064420E+02	0.00%	0.00%	0.00%	0.10%	0.01%	0.02%
188	1.076813E+02	0.02%	0.00%	0.01%	0.07%	0.02%	0.02%
189	1.078812E+02	0.15%	0.00%	0.00%	0.03%	0.17%	0.92%
190	1.080843E+02	0.01%	0.01%	0.03%	0.42%	0.00%	0.26%
191	1.095234E+02	0.12%	0.00%	0.00%	0.02%	0.10%	0.36%
192	1.106761E+02	0.01%	0.00%	0.00%	0.04%	0.01%	0.04%
193	1.119546E+02	0.01%	0.00%	0.04%	0.00%	0.01%	0.03%
194	1.124923E+02	0.01%	0.00%	0.03%	0.00%	0.00%	0.04%
195	1.129254E+02	0.01%	0.00%	0.00%	0.01%	0.02%	0.00%
196	1.137751E+02	0.00%	0.00%	0.00%	0.08%	0.00%	0.12%
197	1.149253E+02	0.01%	0.00%	0.03%	0.27%	0.00%	0.02%
198	1.158458E+02	0.00%	0.00%	0.01%	0.61%	0.00%	0.01%
199	1.177006E+02	0.00%	0.00%	0.01%	0.00%	0.00%	0.01%
200	1.178634E+02	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

E F F E C T I V E M O D A L M A S S

MODE	FREQUENCY	T1	T2	T3	R1	R2	R3
201	1.190250E+02	0.01%	0.00%	0.03%	0.01%	0.01%	0.01%
202	1.191401E+02	0.00%	0.00%	0.02%	0.01%	0.01%	0.00%
203	1.206631E+02	0.00%	0.00%	0.05%	0.02%	0.00%	0.02%
204	1.216131E+02	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
205	1.218507E+02	0.00%	0.00%	0.02%	0.09%	0.00%	0.00%
206	1.226960E+02	0.00%	0.00%	0.02%	0.00%	0.00%	0.01%
207	1.229165E+02	0.00%	0.00%	0.03%	0.00%	0.01%	0.00%
208	1.234261E+02	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
209	1.248700E+02	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
210	1.248956E+02	0.00%	0.00%	0.01%	0.10%	0.00%	0.00%
211	1.250431E+02	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
212	1.252232E+02	0.00%	0.00%	0.00%	0.10%	0.00%	0.00%
213	1.254378E+02	0.00%	0.00%	0.04%	0.02%	0.01%	0.00%
214	1.260378E+02	0.00%	0.00%	0.02%	0.07%	0.00%	0.00%
215	1.262070E+02	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
216	1.263791E+02	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%
217	1.269296E+02	0.00%	0.00%	0.00%	0.02%	0.00%	0.00%
218	1.272952E+02	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
219	1.275418E+02	0.00%	0.00%	0.01%	0.02%	0.00%	0.00%
220	1.276574E+02	0.00%	0.00%	0.02%	0.01%	0.00%	0.00%
221	1.280611E+02	0.00%	0.00%	0.00%	0.04%	0.00%	0.00%
222	1.286548E+02	0.00%	0.00%	0.00%	0.02%	0.00%	0.00%
223	1.289528E+02	0.00%	0.00%	0.00%	0.02%	0.00%	0.00%
224	1.291857E+02	0.00%	0.00%	0.00%	0.02%	0.00%	0.00%
225	1.292921E+02	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
226	1.294264E+02	0.00%	0.00%	0.00%	0.02%	0.00%	0.00%
227	1.295867E+02	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%
228	1.297704E+02	0.00%	0.00%	0.00%	0.02%	0.00%	0.00%
229	1.299640E+02	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
230	1.304650E+02	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
231	1.308496E+02	0.00%	0.00%	0.01%	0.00%	0.00%	0.01%
232	1.310933E+02	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
233	1.312255E+02	0.00%	0.00%	0.00%	0.04%	0.00%	0.00%
234	1.317232E+02	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
235	1.321716E+02	0.00%	0.00%	0.00%	0.02%	0.00%	0.00%
236	1.324819E+02	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%
237	1.328453E+02	0.00%	0.00%	0.00%	0.03%	0.00%	0.00%
238	1.332923E+02	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%
239	1.333604E+02	0.00%	0.00%	0.02%	0.05%	0.00%	0.00%
240	1.337243E+02	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%
241	1.340088E+02	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
242	1.344220E+02	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%
243	1.347146E+02	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
244	1.347995E+02	0.00%	0.00%	0.03%	0.01%	0.00%	0.00%
245	1.354414E+02	0.00%	0.00%	0.00%	0.10%	0.00%	0.00%
246	1.356875E+02	0.00%	0.00%	0.01%	0.01%	0.00%	0.00%
247	1.358520E+02	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%
248	1.360050E+02	0.00%	0.00%	0.01%	0.02%	0.00%	0.00%
249	1.367557E+02	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%
250	1.369816E+02	0.00%	0.00%	0.00%	0.07%	0.00%	0.00%

E F F E C T I V E M O D A L M A S S

MODE	FREQUENCY	T1	T2	T3	R1	R2	R3
251	1.377333E+02	0.00%	0.00%	0.04%	0.06%	0.00%	0.00%
252	1.378448E+02	0.00%	0.00%	0.01%	0.01%	0.00%	0.00%
253	1.382101E+02	0.00%	0.00%	0.02%	0.00%	0.00%	0.00%
254	1.384824E+02	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
255	1.386653E+02	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
256	1.389090E+02	0.00%	0.00%	0.01%	0.09%	0.00%	0.00%
257	1.390800E+02	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
258	1.395479E+02	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
259	1.397348E+02	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
260	1.409592E+02	0.00%	0.00%	0.02%	0.05%	0.00%	0.00%
261	1.421201E+02	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
262	1.422985E+02	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
263	1.427285E+02	0.00%	0.00%	0.00%	0.02%	0.00%	0.00%
264	1.434930E+02	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
265	1.440534E+02	0.00%	0.00%	0.01%	0.03%	0.00%	0.01%
266	1.445153E+02	0.00%	0.00%	0.00%	0.02%	0.00%	0.01%
267	1.447966E+02	0.00%	0.00%	0.02%	0.00%	0.00%	0.00%
268	1.450032E+02	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%
269	1.457143E+02	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%
270	1.461095E+02	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
271	1.472254E+02	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
272	1.474384E+02	0.00%	0.00%	0.02%	0.00%	0.00%	0.00%
273	1.485805E+02	0.00%	0.00%	0.05%	0.07%	0.00%	0.00%
274	1.493145E+02	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%
275	1.499390E+02	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Total:		98.18%	99.81%	97.89%	93.11%	97.61%	93.43%

O T M - 0 1 R E S P O N S E S D U E T O R I G I D - B O D Y D I S P L A C E M E N T

ITEM	DESCRIPTION	T1	T2	T3	R1	R2	R3
1	Net Load Factor - T1 (g)	2.98171E-07	-2.52884E-08	1.59769E-08	1.42555E-06	1.04014E-05	-7.26250E-06
2	Net Load Factor - T2 (g)	-2.85413E-08	-1.32404E-06	8.36647E-09	2.24475E-05	-6.72249E-07	4.35643E-05
3	Net Load Factor - T3 (g)	2.05110E-08	1.04429E-08	2.23628E-07	7.44793E-06	8.00970E-06	-1.06570E-06
4	Net Load Factor - R1 (rad/sec^2)	3.10293E-07	3.08965E-06	1.07946E-06	2.22558E-05	3.91771E-05	-1.14094E-04
5	Net Load Factor - R2 (rad/sec^2)	3.43927E-06	-5.58517E-07	2.50350E-06	8.65198E-05	1.96637E-04	-9.23926E-05
6	Net Load Factor - R3 (rad/sec^2)	-1.31755E-06	6.67173E-06	-2.77122E-07	-1.25029E-04	-5.24456E-05	2.30242E-05
7	ID 1271 - T2 (lbf)	-2.44263E-04	-1.14788E-02	8.68616E-05	1.95583E-01	-5.33776E-03	3.77522E-01
8	ID 111869 - T3 (lbf)	-2.00367E-04	3.30738E-04	-6.22189E-04	-3.66663E-02	-8.96017E-02	-1.62517E-02
9	ID 111885 - T1 (lbf)	1.06182E-03	1.93596E-03	4.32471E-05	-2.98936E-02	3.66518E-02	-3.11191E-02
10	ID 111885 - T3 (lbf)	1.09971E-04	-6.36358E-03	1.32249E-03	1.49254E-01	1.11696E-01	2.13510E-01
11	ID 113369 - T3 (lbf)	-2.81445E-04	-3.65495E-04	-9.13115E-04	-6.08112E-03	2.27235E-02	3.14864E-02
12	ID 113385 - T1 (lbf)	1.67151E-03	-2.18021E-03	1.34789E-04	4.40672E-02	5.97408E-02	-3.55605E-02
13	ID 113385 - T3 (lbf)	5.49879E-04	6.48517E-03	2.15697E-03	-4.17384E-02	2.48157E-02	-2.37867E-01
14	Net Inertial Acc - T1 (in/sec^2)	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
15	Net Inertial Acc - T2 (in/sec^2)	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
16	Net Inertial Acc - T3 (in/sec^2)	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
17	Net Inertial Acc - R1 (rad/sec^2)	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	Net Inertial Acc - R2 (rad/sec^2)	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
19	Net Inertial Acc - R3 (rad/sec^2)	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

O T M - 0 1 R E S P O N S E S D U E T O 1 G

ITEM	DESCRIPTION	T1	T2	T3	R1	R2	R3
1	Net Load Factor - T1 (g)	1.00000E+00	-1.02271E-13	1.34337E-14	8.46545E-16	8.62418E-15	-1.94289E-16
2	Net Load Factor - T2 (g)	3.09264E-13	1.00000E+00	-1.06470E-13	-3.24740E-15	-3.74709E-14	-1.39624E-15
3	Net Load Factor - T3 (g)	-1.82341E-13	3.75901E-13	1.00000E+00	1.69309E-15	1.63120E-14	-4.55377E-15
4	Net Load Factor - R1 (rad/sec^2)	2.14322E-13	2.38366E-12	-9.49907E-13	1.00000E+00	-2.53856E-13	-4.56096E-14
5	Net Load Factor - R2 (rad/sec^2)	-1.86663E-12	2.24523E-12	-3.16192E-13	1.04361E-14	1.00000E+00	-1.56878E-14
6	Net Load Factor - R3 (rad/sec^2)	-1.34115E-13	-7.77044E-13	3.68927E-13	1.39055E-14	3.46945E-14	1.00000E+00
7	ID 1271 - T2 (lbf)	-7.65375E-04	8.69999E+03	-7.41495E-06	1.30372E+01	-3.83843E-05	-1.02907E-03
8	ID 111869 - T3 (lbf)	2.83309E+03	4.28932E+01	-1.70081E+02	7.18591E+00	-3.43328E+02	6.77431E+01
9	ID 111885 - T1 (lbf)	4.66031E+03	-4.11862E+01	-2.38909E-05	5.89456E+00	1.81664E+01	2.98455E+02
10	ID 111885 - T3 (lbf)	-2.83309E+03	3.74832E+03	4.67770E+03	-3.36440E+02	3.49047E+02	-7.36999E+01
11	ID 113369 - T3 (lbf)	2.81068E+03	-4.28933E+01	-8.84516E+00	1.76942E+01	-3.06169E+02	-1.17174E+02
12	ID 113385 - T1 (lbf)	4.34507E+03	4.11855E+01	5.74883E-05	-5.89454E+00	-4.67151E+00	-2.99802E+02
13	ID 113385 - T3 (lbf)	-2.81068E+03	-3.74832E+03	4.20122E+03	3.10259E+02	3.00448E+02	1.23131E+02
14	Net Inertial Acc - T1 (in/sec^2)	3.86089E+02	-3.55808E-16	1.42109E-14	-3.55271E-15	-4.66294E-15	-1.42109E-14
15	Net Inertial Acc - T2 (in/sec^2)	-2.22045E-16	3.86089E+02	-2.84217E-14	0.00000E+00	-5.55112E-17	0.00000E+00
16	Net Inertial Acc - T3 (in/sec^2)	0.00000E+00	-4.28644E-14	3.86089E+02	0.00000E+00	-6.10623E-16	-9.88041E-17
17	Net Inertial Acc - R1 (rad/sec^2)	6.69757E-16	6.69757E-16	-2.22045E-15	1.00000E+00	5.20417E-17	-1.67329E-16
18	Net Inertial Acc - R2 (rad/sec^2)	1.84183E-15	0.00000E+00	4.44089E-15	2.22045E-16	1.00000E+00	-6.18347E-17
19	Net Inertial Acc - R3 (rad/sec^2)	0.00000E+00	-4.18598E-17	-1.11022E-16	-1.94289E-16	-2.77556E-17	1.00000E+00

O T M - 0 2 R E S P O N S E S D U E T O R I G I D - B O D Y D I S P L A C E M E N T

ITEM	DESCRIPTION	T1	T2	T3	R1	R2	R3
1	Net Load Factor - T1 (g)	-1.75876E-08	-7.81197E-09	-3.04023E-08	-2.58773E-06	8.95668E-07	-1.21754E-07
2	Net Load Factor - T2 (g)	-1.36893E-07	-8.84115E-09	1.75879E-08	-2.83978E-08	-5.54070E-06	-5.31878E-06
3	Net Load Factor - T3 (g)	-8.84115E-09	5.42687E-08	7.81197E-09	-1.13502E-06	3.57890E-08	-9.97763E-07
4	Net Load Factor - R1 (rad/sec^2)	5.06328E-07	-5.98673E-07	4.09947E-07	7.63120E-05	2.98098E-05	6.27244E-05
5	Net Load Factor - R2 (rad/sec^2)	5.27754E-07	-1.20863E-07	2.80877E-06	-8.52524E-05	1.67571E-04	-2.76815E-05
6	Net Load Factor - R3 (rad/sec^2)	-3.55694E-06	-1.91845E-08	-1.74707E-06	1.78809E-04	-2.02498E-04	-1.36961E-04
7	ID 29047 - T2 (lbf)	-2.93811E-04	-2.71294E-04	-2.60173E-04	4.06694E-02	-3.43694E-02	1.57974E-01
8	ID 29048 - T1 (lbf)	-1.85993E-04	-1.54920E-04	-3.33398E-05	2.64194E-02	-1.78472E-02	1.10128E-01
9	ID 29048 - T2 (lbf)	2.69180E-04	2.60353E-04	2.17596E-04	-4.42934E-02	3.56237E-02	-1.58144E-01
10	ID 29050 - T1 (lbf)	1.73612E-04	2.30920E-04	4.42801E-05	-2.80089E-02	1.78973E-02	-1.11525E-01
11	ID 40016 - T3 (lbf)	2.04694E-04	3.36128E-04	1.96035E-04	-8.99989E-04	3.35249E-02	-1.42641E-01
12	ID 40030 - T3 (lbf)	-3.24853E-04	-3.33064E-04	-1.57067E-04	3.08222E-03	-3.78250E-02	1.39334E-01
13	ID 40515 - T3 (lbf)	-3.82328E-04	-2.58952E-04	-1.93855E-04	9.27704E-03	-3.78451E-02	9.93050E-02
14	ID 40516 - T3 (lbf)	3.10775E-04	2.43505E-04	1.79518E-04	-1.14990E-02	3.43857E-02	-1.03447E-01
15	Net Inertial Acc - T1 (in/sec^2)	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
16	Net Inertial Acc - T2 (in/sec^2)	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
17	Net Inertial Acc - T3 (in/sec^2)	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	Net Inertial Acc - R1 (rad/sec^2)	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
19	Net Inertial Acc - R2 (rad/sec^2)	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
20	Net Inertial Acc - R3 (rad/sec^2)	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

O T M - 0 2 R E S P O N S E S D U E T O 1 G

ITEM	DESCRIPTION	T1	T2	T3	R1	R2	R3
1	Net Load Factor - T1 (g)	-1.26621E-08	-2.99675E-10	1.00000E+00	-9.42994E-02	5.73039E-02	-6.18478E-09
2	Net Load Factor - T2 (g)	-1.00000E+00	1.15032E-07	8.84821E-09	-3.06520E-09	-3.62461E-02	-9.42994E-02
3	Net Load Factor - T3 (g)	2.84296E-08	-1.00000E+00	5.47039E-09	3.31380E-02	4.90178E-09	5.73039E-02
4	Net Load Factor - R1 (rad/sec^2)	-6.84139E-08	4.62586E-08	-1.39768E-06	1.54433E-07	-6.05147E-07	1.00000E+00
5	Net Load Factor - R2 (rad/sec^2)	1.32291E-08	1.05771E-07	-4.65958E-08	-1.00000E+00	-1.16200E-08	-2.09582E-08
6	Net Load Factor - R3 (rad/sec^2)	8.39333E-07	1.83051E-07	3.11843E-07	3.52045E-08	-1.00000E+00	1.13158E-07
7	ID 29047 - T2 (lbf)	-1.07882E+02	1.30350E+01	7.56476E+02	-4.82415E+01	-1.89734E+01	-1.82876E+01
8	ID 29048 - T1 (lbf)	-7.67068E+01	-6.81197E+02	-1.82566E+02	1.08452E+01	-5.68509E+01	2.58309E+01
9	ID 29048 - T2 (lbf)	1.07882E+02	-1.30350E+01	6.43978E+02	-8.38204E+01	9.92248E+01	1.82876E+01
10	ID 29050 - T1 (lbf)	7.67069E+01	-7.19257E+02	1.82566E+02	3.55630E+01	5.68509E+01	5.44207E+01
11	ID 40016 - T3 (lbf)	-4.47777E+02	-3.40386E+02	-2.20343E+02	3.53961E+01	2.58174E+01	4.54439E+00
12	ID 40030 - T3 (lbf)	-5.65463E+02	-3.26860E+02	2.20343E+02	-1.22545E+01	-6.13043E+01	-2.12067E+01
13	ID 40515 - T3 (lbf)	-2.49791E+02	3.38776E+02	-3.83798E+02	1.98852E+01	-1.16069E+02	-6.96046E+01
14	ID 40516 - T3 (lbf)	-1.37423E+02	3.28471E+02	3.83799E+02	-4.30268E+01	1.00795E+02	-4.57950E+01
15	Net Inertial Acc - T1 (in/sec^2)	-7.45426E-06	-6.89850E-07	3.86089E+02	-3.64079E+01	2.21244E+01	-2.39132E-06
16	Net Inertial Acc - T2 (in/sec^2)	-3.86089E+02	4.32929E-05	3.05807E-06	-1.11826E-06	-1.39942E+01	-3.64079E+01
17	Net Inertial Acc - T3 (in/sec^2)	1.10676E-05	-3.86089E+02	2.25935E-06	1.27942E+01	1.93524E-06	2.21244E+01
18	Net Inertial Acc - R1 (rad/sec^2)	4.78951E-07	6.22026E-07	6.84099E-08	-7.19544E-09	6.88374E-08	1.00000E+00
19	Net Inertial Acc - R2 (rad/sec^2)	4.06833E-08	1.04643E-07	1.54745E-08	-1.00000E+00	8.32014E-09	-2.17615E-08
20	Net Inertial Acc - R3 (rad/sec^2)	2.92331E-07	1.32797E-07	2.79524E-07	3.96438E-08	-1.00000E+00	1.08029E-07

O T M - 0 3 R E S P O N S E S D U E T O R I G I D - B O D Y D I S P L A C E M E N T

ITEM	DESCRIPTION	T1	T2	T3	R1	R2	R3
1	Net Load Factor - T1 (g)	-7.59863E-10	-2.40262E-08	1.12852E-06	3.53947E-05	3.30817E-05	7.05557E-07
2	Net Load Factor - T2 (g)	8.35777E-10	6.95643E-07	-2.39696E-08	1.65951E-05	-6.92879E-07	-2.03247E-05
3	Net Load Factor - T3 (g)	-1.04397E-09	-8.34796E-10	7.61950E-10	4.87135E-09	2.32660E-07	1.08158E-08
4	Net Load Factor - R1 (rad/sec^2)	3.78398E-08	-1.21227E-05	-7.12445E-07	-3.29569E-04	-1.92077E-05	3.47835E-04
5	Net Load Factor - R2 (rad/sec^2)	-4.53689E-07	-9.42449E-07	3.23667E-05	8.90222E-04	9.52482E-04	3.54351E-05
6	Net Load Factor - R3 (rad/sec^2)	3.99417E-08	1.17573E-05	-2.36211E-05	-4.34132E-04	-6.25081E-04	-3.39433E-04
7	ID 40301 - T1 (lbf)	-3.09852E-05	-5.33384E-06	-4.81893E-04	-1.06831E-02	-1.33183E-02	-8.43842E-04
8	ID 40301 - T2 (lbf)	4.40471E-05	-6.22508E-05	-1.27140E-04	-1.20371E-02	-3.89688E-03	3.28793E-03
9	ID 40302 - T1 (lbf)	3.14586E-05	2.03020E-05	-2.21169E-04	-1.13676E-02	-7.29143E-03	4.04284E-04
10	ID 40303 - T2 (lbf)	-4.45678E-05	-3.71131E-04	1.42072E-04	1.69848E-03	4.32854E-03	9.37424E-03
11	ID 40311 - T3 (lbf)	2.06080E-05	-1.40060E-04	3.18392E-04	3.06532E-03	9.89607E-03	5.37672E-03
12	ID 40312 - T3 (lbf)	-2.48756E-05	1.29903E-04	1.82672E-04	1.16946E-02	4.91443E-03	-5.01819E-03
13	ID 40313 - T3 (lbf)	-2.77130E-05	-1.51526E-04	-3.28073E-04	-9.74999E-03	-1.03017E-02	2.65714E-03
14	ID 40314 - T3 (lbf)	3.13302E-05	1.61164E-04	-1.72516E-04	-5.00691E-03	-4.36381E-03	-3.00894E-03
15	Net Inertial Acc - T1 (in/sec^2)	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
16	Net Inertial Acc - T2 (in/sec^2)	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
17	Net Inertial Acc - T3 (in/sec^2)	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	Net Inertial Acc - R1 (rad/sec^2)	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
19	Net Inertial Acc - R2 (rad/sec^2)	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
20	Net Inertial Acc - R3 (rad/sec^2)	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

O T M - 0 3 R E S P O N S E S D U E T O 1 G

ITEM	DESCRIPTION	T1	T2	T3	R1	R2	R3
1	Net Load Factor - T1 (g)	3.67177E-08	-1.23759E-08	1.00000E+00	4.59932E-02	4.66586E-02	-1.59947E-09
2	Net Load Factor - T2 (g)	2.68516E-08	1.00000E+00	5.47179E-10	9.55507E-02	-1.70242E-09	-4.66587E-02
3	Net Load Factor - T3 (g)	-1.00000E+00	7.72849E-08	-4.64490E-08	-8.35681E-09	9.24426E-02	4.59932E-02
4	Net Load Factor - R1 (rad/sec^2)	-4.44841E-07	1.13053E-06	4.12726E-09	1.41087E-08	4.95664E-08	1.00000E+00
5	Net Load Factor - R2 (rad/sec^2)	1.32878E-06	-2.41903E-07	-1.62830E-06	-5.89005E-08	9.99999E-01	-4.19617E-08
6	Net Load Factor - R3 (rad/sec^2)	-8.43135E-07	-1.26779E-06	8.11846E-07	-1.00000E+00	2.97445E-07	4.04182E-08
7	ID 40301 - T1 (lbf)	-1.02484E+02	-8.56552E+00	-3.13540E+02	-2.09390E+01	-1.76838E+01	2.25338E+00
8	ID 40301 - T2 (lbf)	1.44135E+02	-3.57677E+02	1.49885E+01	-3.98791E+01	5.20718E+00	1.34216E+01
9	ID 40302 - T1 (lbf)	1.02484E+02	8.56552E+00	-3.09453E+02	-7.71441E+00	-1.13842E+01	-2.25338E+00
10	ID 40303 - T2 (lbf)	-1.44135E+02	-2.65317E+02	-1.49885E+01	-1.96484E+01	-5.20717E+00	1.56465E+01
11	ID 40311 - T3 (lbf)	-9.09482E+01	-1.21327E+02	1.09897E+02	-6.37724E+00	2.72781E+01	1.84411E+01
12	ID 40312 - T3 (lbf)	-2.78775E+02	1.21327E+02	1.02659E+02	1.59414E+01	2.50324E+01	-1.47825E+00
13	ID 40313 - T3 (lbf)	-2.36750E+02	-7.14196E+01	-1.11028E+02	-1.14591E+01	-9.41386E-02	1.65156E+01
14	ID 40314 - T3 (lbf)	-1.65201E+01	7.14196E+01	-1.01528E+02	1.89494E+00	5.37474E+00	-4.82499E+00
15	Net Inertial Acc - T1 (in/sec^2)	-8.75615E-06	-6.06586E-06	3.86089E+02	1.77574E+01	1.80144E+01	-1.20685E-07
16	Net Inertial Acc - T2 (in/sec^2)	3.48360E-06	3.86089E+02	1.15703E-07	3.68910E+01	-5.10847E-07	-1.80144E+01
17	Net Inertial Acc - T3 (in/sec^2)	-3.86089E+02	2.98086E-05	-1.78963E-05	-3.22647E-06	3.56910E+01	1.77574E+01
18	Net Inertial Acc - R1 (rad/sec^2)	-6.65216E-08	-2.34417E-07	-2.84023E-08	2.02980E-08	2.74708E-08	1.00000E+00
19	Net Inertial Acc - R2 (rad/sec^2)	-4.65460E-07	-3.53314E-07	-5.32150E-07	-3.97577E-08	1.00000E+00	-3.96237E-09
20	Net Inertial Acc - R3 (rad/sec^2)	-2.40080E-09	7.33021E-08	4.94262E-08	-1.00000E+00	8.49701E-10	-8.90262E-09

O T M - 0 4 R E S P O N S E S D U E T O R I G I D - B O D Y D I S P L A C E M E N T

ITEM	DESCRIPTION	T1	T2	T3	R1	R2	R3
1	Net Load Factor - T1 (g)	3.53375E-07	1.62848E-05	-1.54533E-07	-2.52443E-04	6.66889E-06	-5.34514E-04
2	Net Load Factor - T2 (g)	2.79822E-07	1.54535E-07	1.77907E-06	6.37621E-05	6.54247E-05	-1.29346E-05
3	Net Load Factor - T3 (g)	-3.45055E-06	3.53383E-07	-2.79823E-07	-1.94428E-05	-1.22153E-04	1.01757E-04
4	Net Load Factor - R1 (rad/sec^2)	-3.62130E-05	1.88695E-06	-1.64517E-05	-6.76619E-04	-1.71158E-03	1.12048E-03
5	Net Load Factor - R2 (rad/sec^2)	2.86113E-05	1.96807E-04	2.29109E-06	-3.64750E-03	8.26144E-04	1.06599E-02
6	Net Load Factor - R3 (rad/sec^2)	3.36415E-06	1.29154E-04	1.46562E-06	-3.50785E-03	1.36880E-04	-8.24246E-04
7	ID 40301 - T1 (lbf)	1.39538E-04	-4.27299E-03	1.91747E-04	1.65154E-01	4.93147E-01	4.36896E-01
8	ID 40301 - T2 (lbf)	-6.04656E-04	-3.41687E-03	-9.23978E-04	-1.50847E-01	-7.27320E-01	-2.90505E-01
9	ID 40302 - T1 (lbf)	-3.96525E-04	-7.56981E-03	-7.93660E-05	1.84298E-02	-4.97997E-01	-4.81807E-02
10	ID 40303 - T2 (lbf)	4.01160E-04	3.30449E-03	-3.69816E-04	1.04477E-01	6.79741E-01	2.99911E-01
11	ID 40311 - T3 (lbf)	-1.44690E-03	7.28160E-03	-8.27930E-04	1.26831E-02	5.03257E-01	3.41438E-01
12	ID 40312 - T3 (lbf)	5.73982E-04	2.36410E-03	6.78600E-04	-1.73879E-01	-5.40244E-01	-2.83643E-01
13	ID 40313 - T3 (lbf)	-1.38161E-03	-7.84327E-03	-2.84761E-04	-9.78906E-02	-8.12278E-01	-3.39550E-01
14	ID 40314 - T3 (lbf)	-2.54832E-04	-1.54545E-03	2.30595E-04	2.44948E-01	7.60432E-01	3.55755E-01
15	Net Inertial Acc - T1 (in/sec^2)	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
16	Net Inertial Acc - T2 (in/sec^2)	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
17	Net Inertial Acc - T3 (in/sec^2)	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	Net Inertial Acc - R1 (rad/sec^2)	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
19	Net Inertial Acc - R2 (rad/sec^2)	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
20	Net Inertial Acc - R3 (rad/sec^2)	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

O T M - 0 4 R E S P O N S E S D U E T O 1 G

ITEM	DESCRIPTION	T1	T2	T3	R1	R2	R3
1	Net Load Factor - T1 (g)	1.05428E-06	-1.00000E+00	-9.77118E-09	5.50804E-02	-4.15666E-09	6.07513E-02
2	Net Load Factor - T2 (g)	-2.27681E-08	-3.80971E-08	1.00000E+00	9.95731E-02	6.07512E-02	-2.82830E-09
3	Net Load Factor - T3 (g)	-9.99999E-01	9.04781E-08	5.10049E-08	1.05221E-10	-5.81884E-02	9.95731E-02
4	Net Load Factor - R1 (rad/sec^2)	1.00634E-05	-3.84288E-06	4.12949E-06	5.40704E-07	-9.99997E-01	4.97807E-07
5	Net Load Factor - R2 (rad/sec^2)	-3.01943E-05	-2.29986E-05	-2.73198E-06	-9.18224E-08	-2.87530E-06	9.99999E-01
6	Net Load Factor - R3 (rad/sec^2)	2.06442E-06	-1.65067E-05	-1.16846E-08	-1.00000E+00	2.74446E-07	8.57981E-08
7	ID 40301 - T1 (lbf)	1.22676E+01	4.39749E+02	2.12443E+01	-3.51457E+01	3.56323E+01	-2.71161E+01
8	ID 40301 - T2 (lbf)	-1.72539E+01	1.02816E+02	-4.78418E+02	-6.00830E+01	-7.70377E+01	-1.00273E+01
9	ID 40302 - T1 (lbf)	-1.22684E+01	2.87484E+02	-2.12443E+01	-4.91049E+00	-3.56323E+01	-1.70642E+01
10	ID 40303 - T2 (lbf)	1.72539E+01	-1.02816E+02	-2.48813E+02	-1.23298E+01	3.28575E+01	1.00273E+01
11	ID 40311 - T3 (lbf)	-3.68005E+02	-2.82884E+02	-2.39049E+02	-4.80543E+00	-7.96438E+01	6.54806E+01
12	ID 40312 - T3 (lbf)	-8.05346E+01	-9.54611E+01	2.39049E+02	2.99896E+01	5.32869E+01	2.19151E+01
13	ID 40313 - T3 (lbf)	-1.78461E+02	3.12170E+02	-9.68190E+01	-3.02865E+01	1.35680E+01	-1.31228E+01
14	ID 40314 - T3 (lbf)	-1.00231E+02	6.61759E+01	9.68190E+01	5.10236E+00	-2.95275E+01	-1.86021E+00
15	Net Inertial Acc - T1 (in/sec^2)	-1.38754E-05	-3.86089E+02	-5.27981E-07	2.12659E+01	-8.04493E-06	2.34554E+01
16	Net Inertial Acc - T2 (in/sec^2)	-1.56014E-05	-8.30984E-06	3.86089E+02	3.84441E+01	2.34554E+01	-8.73073E-07
17	Net Inertial Acc - T3 (in/sec^2)	-3.86089E+02	4.40677E-05	9.53072E-06	-1.81308E-07	-2.24659E+01	3.84441E+01
18	Net Inertial Acc - R1 (rad/sec^2)	6.79588E-07	4.27413E-07	5.47425E-07	9.35369E-08	-1.00000E+00	7.79436E-08
19	Net Inertial Acc - R2 (rad/sec^2)	-5.38178E-07	-2.69536E-06	-7.32569E-08	-1.28841E-08	-4.77271E-07	1.00000E+00
20	Net Inertial Acc - R3 (rad/sec^2)	-6.60348E-09	5.89203E-07	-4.70059E-08	-1.00000E+00	-8.20310E-08	-9.49190E-08

O T M - 0 5 R E S P O N S E S D U E T O R I G I D - B O D Y D I S P L A C E M E N T

ITEM	DESCRIPTION	T1	T2	T3	R1	R2	R3
1	Net Load Factor - T1 (g)	-3.65103E-11	2.69123E-09	8.03838E-11	-6.13205E-08	-1.18006E-09	2.55548E-08
2	Net Load Factor - T2 (g)	4.92576E-10	8.02346E-11	-1.68150E-09	6.53215E-08	3.52023E-08	2.25487E-08
3	Net Load Factor - T3 (g)	8.60749E-09	-3.73103E-11	4.93903E-10	-1.96393E-08	2.15198E-07	3.70386E-07
4	Net Load Factor - R1 (rad/sec^2)	7.84695E-08	2.18663E-09	-4.32929E-09	1.01074E-07	4.25052E-06	3.67231E-06
5	Net Load Factor - R2 (rad/sec^2)	3.12784E-08	-3.66270E-08	1.82871E-09	5.88926E-07	1.04179E-06	3.91616E-06
6	Net Load Factor - R3 (rad/sec^2)	9.29885E-10	-3.00377E-09	-4.59429E-09	8.42154E-07	7.96193E-08	-1.34684E-08
7	GRID 653 - T2 (lbf)	1.45104E-07	-1.27395E-06	-3.83151E-07	2.88717E-05	8.72469E-06	-4.37951E-06
8	GRID 653 - T3 (lbf)	-5.90438E-05	-6.11903E-05	-3.92677E-05	-2.18014E-03	-8.00290E-03	-5.39292E-03
9	GRID 654 - T3 (lbf)	-7.61331E-06	-1.24302E-05	-7.56791E-06	-1.37255E-04	-7.77539E-04	-7.15801E-04
10	GRID 655 - T1 (lbf)	-1.95905E-08	1.44405E-06	4.31319E-08	-3.29030E-05	-6.33190E-07	1.37120E-05
11	GRID 655 - T3 (lbf)	6.93987E-05	7.40215E-05	4.70244E-05	2.29886E-03	8.85257E-03	6.27274E-03
12	GRID 2183 - T2 (lbf)	1.19200E-07	1.31700E-06	-5.19100E-07	6.17816E-06	1.01640E-05	1.64786E-05
13	GRID 2183 - T3 (lbf)	6.10439E-05	6.50966E-05	4.04499E-05	2.28444E-03	7.43638E-03	9.62940E-03
14	GRID 2184 - T3 (lbf)	6.95740E-06	4.59535E-06	4.93118E-06	-6.00280E-05	1.96909E-03	-7.61705E-03
15	GRID 2185 - T3 (lbf)	-6.61243E-05	-7.01130E-05	-4.53048E-05	-2.21642E-03	-9.36213E-03	-1.97762E-03
16	Net Inertial Acc - T1 (in/sec^2)	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
17	Net Inertial Acc - T2 (in/sec^2)	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	Net Inertial Acc - T3 (in/sec^2)	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
19	Net Inertial Acc - R1 (rad/sec^2)	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
20	Net Inertial Acc - R2 (rad/sec^2)	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
21	Net Inertial Acc - R3 (rad/sec^2)	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

O T M - 0 5 R E S P O N S E S D U E T O 1 G

ITEM	DESCRIPTION	T1	T2	T3	R1	R2	R3
1	Net Load Factor - T1 (g)	2.54707E-08	1.00000E+00	5.70687E-09	-5.44180E-02	3.99753E-09	4.00587E-02
2	Net Load Factor - T2 (g)	1.20612E-08	1.63867E-08	1.00000E+00	-1.07875E-01	-4.00588E-02	1.15008E-09
3	Net Load Factor - T3 (g)	1.00000E+00	-1.09499E-07	-1.40983E-08	1.92496E-09	5.75261E-02	1.07875E-01
4	Net Load Factor - R1 (rad/sec^2)	-3.44070E-07	-1.87322E-07	-3.06642E-07	-3.98435E-08	1.00000E+00	-5.19214E-08
5	Net Load Factor - R2 (rad/sec^2)	4.52612E-07	5.92199E-07	7.03318E-08	-1.08533E-08	6.49865E-08	1.00000E+00
6	Net Load Factor - R3 (rad/sec^2)	3.19311E-08	-3.68827E-08	8.63799E-09	1.00000E+00	1.03966E-08	1.39122E-08
7	GRID 653 - T2 (lbf)	-1.00194E-05	-5.00307E+02	2.68206E+02	-2.50208E+01	-1.07424E+01	-1.95213E+01
8	GRID 653 - T3 (lbf)	1.10960E+02	9.18902E+01	1.30264E+02	-2.20453E+01	-1.39721E+01	2.39705E+01
9	GRID 654 - T3 (lbf)	2.64655E+01	6.34887E+01	-8.64529E+01	9.03157E+00	-4.37032E-01	6.33729E+00
10	GRID 655 - T1 (lbf)	1.36690E-05	5.36575E+02	3.06189E-06	-2.91993E+01	2.14513E-06	2.14945E+01
11	GRID 655 - T3 (lbf)	1.30781E+02	1.90700E+02	-4.38116E+01	-6.33966E+00	2.98423E+01	2.67395E+01
12	GRID 2183 - T2 (lbf)	1.64914E-05	5.00307E+02	2.68368E+02	-3.28624E+01	-1.07521E+01	1.95213E+01
13	GRID 2183 - T3 (lbf)	1.16771E+02	-7.61473E+01	1.31770E+02	-6.56214E+00	1.30687E+01	6.70375E-01
14	GRID 2184 - T3 (lbf)	1.83807E+01	-9.49745E+01	-9.15376E+01	1.08515E+01	2.72823E+00	-1.65262E+00
15	GRID 2185 - T3 (lbf)	1.33217E+02	-1.74957E+02	-4.02327E+01	1.50640E+01	-3.63043E-01	1.81811E+00
16	Net Inertial Acc - T1 (in/sec^2)	9.80580E-06	3.86089E+02	2.20279E-06	-2.10102E+01	1.54192E-06	1.54662E+01
17	Net Inertial Acc - T2 (in/sec^2)	4.68339E-06	6.33008E-06	3.86089E+02	-4.16494E+01	-1.54662E+01	4.44466E-07
18	Net Inertial Acc - T3 (in/sec^2)	3.86089E+02	-4.22501E-05	-5.42804E-06	7.41633E-07	2.22102E+01	4.16494E+01
19	Net Inertial Acc - R1 (rad/sec^2)	-3.32799E-07	-1.86099E-07	-3.05729E-07	-3.99263E-08	1.00000E+00	-5.17476E-08
20	Net Inertial Acc - R2 (rad/sec^2)	4.51437E-07	5.87724E-07	7.04859E-08	-1.08115E-08	6.52213E-08	1.00000E+00
21	Net Inertial Acc - R3 (rad/sec^2)	3.21812E-08	-3.72933E-08	8.68349E-09	1.00000E+00	1.04066E-08	1.39123E-08

O T M - 0 6 R E S P O N S E S D U E T O R I G I D - B O D Y D I S P L A C E M E N T

ITEM	DESCRIPTION	T1	T2	T3	R1	R2	R3
1	Net Load Factor - T1 (g)	-3.65103E-11	2.69123E-09	8.03838E-11	-5.77033E-08	-1.18006E-09	2.71977E-08
2	Net Load Factor - T2 (g)	4.92576E-10	8.02345E-11	-1.68150E-09	-1.03461E-08	3.52023E-08	3.82806E-10
3	Net Load Factor - T3 (g)	8.60749E-09	-3.73107E-11	4.93903E-10	2.58634E-09	2.15198E-07	-1.69505E-08
4	Net Load Factor - R1 (rad/sec^2)	7.84695E-08	2.18662E-09	-4.32929E-09	-9.37436E-08	4.25052E-06	1.41185E-07
5	Net Load Factor - R2 (rad/sec^2)	3.12784E-08	-3.66270E-08	1.82871E-09	6.71218E-07	1.04179E-06	2.50864E-06
6	Net Load Factor - R3 (rad/sec^2)	9.29885E-10	-3.00377E-09	-4.59429E-09	6.35411E-07	7.96192E-08	-5.53133E-08
7	GRID 653 - T2 (lbf)	1.45104E-07	-1.27395E-06	-3.83151E-07	1.16299E-05	8.72469E-06	-1.09092E-05
8	GRID 653 - T3 (lbf)	-3.63602E-05	2.27230E-05	-3.21054E-05	-2.28771E-03	-5.39706E-03	6.46177E-04
9	GRID 654 - T3 (lbf)	-3.55479E-06	-2.37541E-05	-2.03856E-07	4.54165E-04	8.92558E-04	9.50737E-04
10	GRID 655 - T1 (lbf)	-1.95905E-08	1.44404E-06	4.31319E-08	-3.09621E-05	-6.33191E-07	1.45936E-05
11	GRID 655 - T3 (lbf)	4.26566E-05	1.43203E-06	3.24980E-05	1.82351E-03	4.57664E-03	-1.55627E-03
12	GRID 2183 - T2 (lbf)	1.19200E-07	1.31700E-06	-5.19100E-07	-1.71813E-05	1.01640E-05	1.11146E-05
13	GRID 2183 - T3 (lbf)	4.58517E-05	8.15413E-05	2.26872E-05	2.20232E-03	1.09888E-02	6.05405E-04
14	GRID 2184 - T3 (lbf)	-1.20839E-05	-1.84797E-04	1.87678E-05	-2.84318E-04	-1.20176E-02	-3.46430E-03
15	GRID 2185 - T3 (lbf)	-3.18908E-05	1.02835E-04	-4.13788E-05	-1.90657E-03	1.07209E-03	2.80915E-03
16	Net Inertial Acc - T1 (in/sec^2)	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
17	Net Inertial Acc - T2 (in/sec^2)	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	Net Inertial Acc - T3 (in/sec^2)	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
19	Net Inertial Acc - R1 (rad/sec^2)	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
20	Net Inertial Acc - R2 (rad/sec^2)	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
21	Net Inertial Acc - R3 (rad/sec^2)	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

O T M - 0 6 R E S P O N S E S D U E T O 1 G

ITEM	DESCRIPTION	T1	T2	T3	R1	R2	R3
1	Net Load Factor - T1 (g)	1.12174E-08	1.00000E+00	2.08225E-09	-5.44180E-02	1.18190E-09	4.00587E-02
2	Net Load Factor - T2 (g)	2.13620E-08	1.81080E-08	1.00000E+00	8.67819E-03	-4.00588E-02	2.15005E-09
3	Net Load Factor - T3 (g)	1.00000E+00	-1.50086E-07	-2.43834E-08	1.84277E-09	5.75261E-02	-8.67819E-03
4	Net Load Factor - R1 (rad/sec^2)	-6.08604E-07	-3.73425E-07	-4.83424E-07	-6.56660E-08	1.00000E+00	-6.67288E-08
5	Net Load Factor - R2 (rad/sec^2)	1.04793E-07	-2.47328E-08	2.81784E-08	3.43756E-09	7.20941E-09	1.00000E+00
6	Net Load Factor - R3 (rad/sec^2)	1.69017E-08	-2.61374E-08	-2.17568E-08	1.00000E+00	4.63513E-09	2.10400E-09
7	GRID 653 - T2 (lbf)	-2.24886E-07	-5.00307E+02	2.68206E+02	6.23960E+00	-1.07424E+01	-1.95213E+01
8	GRID 653 - T3 (lbf)	1.11410E+02	9.33891E+01	1.26352E+02	-8.07424E+00	-1.64028E+00	1.21707E+01
9	GRID 654 - T3 (lbf)	3.21831E+01	7.37750E+01	-7.46207E+01	-1.08710E+00	1.59385E+00	4.02222E+00
10	GRID 655 - T1 (lbf)	6.02103E-06	5.36575E+02	1.11701E-06	-2.91993E+01	6.34339E-07	2.14945E+01
11	GRID 655 - T3 (lbf)	1.24613E+02	1.78915E+02	-5.17309E+01	-1.01920E+01	1.54796E+01	9.59399E+00
12	GRID 2183 - T2 (lbf)	1.16875E-05	5.00307E+02	2.68368E+02	-1.58311E+00	-1.07521E+01	1.95213E+01
13	GRID 2183 - T3 (lbf)	1.06904E+02	-9.48590E+01	1.16430E+02	1.02076E+01	-1.51924E-01	-1.35970E+01
14	GRID 2184 - T3 (lbf)	3.14954E+01	-7.08352E+01	-6.48632E+01	-1.74652E-01	2.47488E+00	-5.51573E+00
15	GRID 2185 - T3 (lbf)	1.29969E+02	-1.80385E+02	-5.15667E+01	9.32043E+00	1.31109E+01	-1.13307E+01
16	Net Inertial Acc - T1 (in/sec^2)	4.32629E-06	3.86089E+02	8.03362E-07	-2.10102E+01	4.56111E-07	1.54662E+01
17	Net Inertial Acc - T2 (in/sec^2)	8.28756E-06	6.99873E-06	3.86089E+02	3.35055E+00	-1.54662E+01	8.30197E-07
18	Net Inertial Acc - T3 (in/sec^2)	3.86089E+02	-5.79156E-05	-9.39955E-06	7.10027E-07	2.22102E+01	-3.35055E+00
19	Net Inertial Acc - R1 (rad/sec^2)	-5.91808E-07	-3.71991E-07	-4.82636E-07	-6.57312E-08	1.00000E+00	-6.67090E-08
20	Net Inertial Acc - R2 (rad/sec^2)	1.12321E-07	-2.86425E-08	2.84578E-08	3.45923E-09	7.53923E-09	1.00000E+00
21	Net Inertial Acc - R3 (rad/sec^2)	1.70916E-08	-2.65353E-08	-2.18578E-08	1.00000E+00	4.66090E-09	2.10179E-09

O T M - 0 7 R E S P O N S E S D U E T O R I G I D - B O D Y D I S P L A C E M E N T

ITEM	DESCRIPTION	T1	T2	T3	R1	R2	R3
1	Net Load Factor - T1 (g)	-3.65104E-11	2.69123E-09	8.03838E-11	-5.40860E-08	-1.18007E-09	2.88407E-08
2	Net Load Factor - T2 (g)	4.92576E-10	8.02346E-11	-1.68150E-09	-8.60136E-08	3.52023E-08	-2.17831E-08
3	Net Load Factor - T3 (g)	8.60749E-09	-3.73100E-11	4.93903E-10	2.48120E-08	2.15198E-07	-4.04287E-07
4	Net Load Factor - R1 (rad/sec^2)	7.84695E-08	2.18663E-09	-4.32929E-09	-2.88562E-07	4.25052E-06	-3.38994E-06
5	Net Load Factor - R2 (rad/sec^2)	3.12784E-08	-3.66270E-08	1.82871E-09	7.53511E-07	1.04179E-06	1.10111E-06
6	Net Load Factor - R3 (rad/sec^2)	9.29885E-10	-3.00377E-09	-4.59429E-09	4.28667E-07	7.96192E-08	-9.71581E-08
7	GRID 653 - T2 (lbf)	1.45104E-07	-1.27395E-06	-3.83151E-07	-5.61189E-06	8.72470E-06	-1.74389E-05
8	GRID 653 - T3 (lbf)	7.59302E-05	1.13095E-04	3.21398E-05	5.18949E-03	2.46165E-02	1.23448E-02
9	GRID 654 - T3 (lbf)	-7.88500E-06	-2.25135E-04	2.65662E-05	2.89826E-04	-1.47699E-02	-8.57598E-03
10	GRID 655 - T1 (lbf)	-1.95905E-08	1.44404E-06	4.31319E-08	-2.90212E-05	-6.33195E-07	1.54752E-05
11	GRID 655 - T3 (lbf)	-6.53036E-05	1.12441E-04	-5.85173E-05	-5.48087E-03	-9.77453E-03	-3.85154E-03
12	GRID 2183 - T2 (lbf)	1.19200E-07	1.31700E-06	-5.19100E-07	-4.05408E-05	1.01640E-05	5.75062E-06
13	GRID 2183 - T3 (lbf)	-6.73559E-05	-4.36180E-05	-4.98037E-05	-7.27531E-03	-2.42822E-02	-1.01010E-02
14	GRID 2184 - T3 (lbf)	-5.91941E-06	8.61580E-05	8.48933E-06	3.86862E-03	1.41596E-02	3.92741E-03
15	GRID 2185 - T3 (lbf)	7.51523E-05	-4.29610E-05	4.13907E-05	3.42155E-03	1.01659E-02	6.03934E-03
16	Net Inertial Acc - T1 (in/sec^2)	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
17	Net Inertial Acc - T2 (in/sec^2)	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	Net Inertial Acc - T3 (in/sec^2)	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
19	Net Inertial Acc - R1 (rad/sec^2)	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
20	Net Inertial Acc - R2 (rad/sec^2)	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
21	Net Inertial Acc - R3 (rad/sec^2)	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

O T M - 0 7 R E S P O N S E S D U E T O 1 G

ITEM	DESCRIPTION	T1	T2	T3	R1	R2	R3
1	Net Load Factor - T1 (g)	-1.74307E-08	1.00000E+00	-5.30274E-09	-5.44180E-02	-5.37720E-09	4.00587E-02
2	Net Load Factor - T2 (g)	1.88713E-08	-5.80955E-09	1.00000E+00	1.25232E-01	-4.00588E-02	4.25090E-10
3	Net Load Factor - T3 (g)	1.00000E+00	-7.23297E-08	-2.17056E-08	4.04024E-11	5.75261E-02	-1.25232E-01
4	Net Load Factor - R1 (rad/sec^2)	-5.57943E-07	-1.10738E-07	-4.79597E-07	-4.08198E-08	1.00000E+00	2.10314E-08
5	Net Load Factor - R2 (rad/sec^2)	-4.67287E-07	-1.03228E-06	-7.46982E-08	3.13661E-08	-5.73080E-08	1.00000E+00
6	Net Load Factor - R3 (rad/sec^2)	-4.84052E-08	-2.63116E-07	-4.92459E-09	1.00000E+00	-2.47384E-08	8.24780E-09
7	GRID 653 - T2 (lbf)	1.46649E-05	-5.00307E+02	2.68206E+02	3.75000E+01	-1.07424E+01	-1.95213E+01
8	GRID 653 - T3 (lbf)	1.10548E+02	9.90648E+01	1.22725E+02	6.34811E+00	1.47186E+01	-1.70112E+00
9	GRID 654 - T3 (lbf)	2.90285E+01	8.51526E+01	-5.91609E+01	-8.94573E+00	3.88912E+00	8.60898E-01
10	GRID 655 - T1 (lbf)	-9.35082E-06	5.36574E+02	-2.84559E-06	-2.91993E+01	-2.88511E-06	2.14945E+01
11	GRID 655 - T3 (lbf)	1.28629E+02	1.61862E+02	-6.35639E+01	-1.67557E+01	-3.17451E+00	-4.63323E+00
12	GRID 2183 - T2 (lbf)	-4.53869E-06	5.00307E+02	2.68368E+02	2.96962E+01	-1.07521E+01	1.95213E+01
13	GRID 2183 - T3 (lbf)	1.05319E+02	-9.59451E+01	1.10634E+02	2.25333E+01	-1.53620E+01	-2.70173E+01
14	GRID 2184 - T3 (lbf)	3.95445E+01	-9.13922E+01	-6.14770E+01	-5.47532E+00	-2.11789E+00	-6.08282E+00
15	GRID 2185 - T3 (lbf)	1.23505E+02	-1.58742E+02	-4.91567E+01	2.29542E+00	3.29138E+01	-2.86226E+01
16	Net Inertial Acc - T1 (in/sec^2)	-6.70990E-06	3.86089E+02	-2.04742E-06	-2.10102E+01	-2.07465E-06	1.54662E+01
17	Net Inertial Acc - T2 (in/sec^2)	7.31598E-06	-2.23277E-06	3.86089E+02	4.83506E+01	-1.54662E+01	1.63748E-07
18	Net Inertial Acc - T3 (in/sec^2)	3.86089E+02	-2.79038E-05	-8.36910E-06	1.47793E-08	2.22102E+01	-4.83505E+01
19	Net Inertial Acc - R1 (rad/sec^2)	-5.44959E-07	-1.09731E-07	-4.78914E-07	-4.08490E-08	1.00000E+00	2.08672E-08
20	Net Inertial Acc - R2 (rad/sec^2)	-4.55175E-07	-1.03638E-06	-7.44645E-08	3.14042E-08	-5.70723E-08	1.00000E+00
21	Net Inertial Acc - R3 (rad/sec^2)	-4.83874E-08	-2.63507E-07	-5.09602E-09	1.00000E+00	-2.47021E-08	8.24722E-09

O T M - 0 8 R E S P O N S E S D U E T O R I G I D - B O D Y D I S P L A C E M E N T

ITEM	DESCRIPTION	T1	T2	T3	R1	R2	R3
1	Net Load Factor - T1 (g)	-3.65104E-11	-2.69123E-09	-8.03838E-11	-6.81002E-08	1.27526E-09	-2.85951E-08
2	Net Load Factor - T2 (g)	4.92576E-10	-8.02346E-11	1.68150E-09	-7.51551E-08	-3.64867E-08	1.84846E-08
3	Net Load Factor - T3 (g)	8.60749E-09	3.73086E-11	-4.93903E-10	2.16914E-08	-2.37640E-07	3.46647E-07
4	Net Load Factor - R1 (rad/sec^2)	7.84696E-08	-2.18664E-09	4.32929E-09	-2.70519E-07	-4.45512E-06	2.86447E-06
5	Net Load Factor - R2 (rad/sec^2)	3.12784E-08	3.66270E-08	-1.82871E-09	9.24669E-07	-1.12334E-06	-1.31058E-06
6	Net Load Factor - R3 (rad/sec^2)	9.29885E-10	3.00377E-09	4.59429E-09	4.74474E-07	-8.20438E-08	9.09299E-08
7	GRID 653 - T2 (lbf)	1.45104E-07	1.27395E-06	3.83151E-07	3.33301E-06	-9.10303E-06	1.64667E-05
8	GRID 653 - T3 (lbf)	-6.87805E-05	-1.06728E-04	-1.82056E-05	8.94725E-04	-4.74802E-03	4.39629E-03
9	GRID 654 - T3 (lbf)	2.17739E-05	4.02433E-05	-1.49499E-05	-2.23314E-04	4.52723E-03	-1.00877E-03
10	GRID 655 - T1 (lbf)	-1.95905E-08	-1.44404E-06	-4.31319E-08	-3.65408E-05	6.84271E-07	-1.53434E-05
11	GRID 655 - T3 (lbf)	4.97481E-05	6.60838E-05	3.29668E-05	-6.76231E-04	1.41510E-04	-3.32316E-03
12	GRID 2183 - T2 (lbf)	1.19200E-07	-1.31700E-06	5.19100E-07	-4.36593E-05	-1.04748E-05	-6.54832E-06
13	GRID 2183 - T3 (lbf)	5.77718E-05	7.12197E-05	4.23117E-05	2.35133E-05	3.18782E-03	-4.23451E-03
14	GRID 2184 - T3 (lbf)	3.58764E-06	3.07956E-05	-3.29900E-05	-1.62442E-03	-1.47405E-03	8.23698E-04
15	GRID 2185 - T3 (lbf)	-5.94825E-05	-1.01594E-04	-9.39806E-06	1.61736E-03	-1.76200E-03	3.53245E-03
16	Net Inertial Acc - T1 (in/sec^2)	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
17	Net Inertial Acc - T2 (in/sec^2)	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	Net Inertial Acc - T3 (in/sec^2)	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
19	Net Inertial Acc - R1 (rad/sec^2)	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
20	Net Inertial Acc - R2 (rad/sec^2)	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
21	Net Inertial Acc - R3 (rad/sec^2)	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

O T M - 0 8 R E S P O N S E S D U E T O 1 G

ITEM	DESCRIPTION	T1	T2	T3	R1	R2	R3
1	Net Load Factor - T1 (g)	-8.78136E-09	-1.00000E+00	2.38116E-09	-6.73874E-02	-2.25420E-10	-4.00577E-02
2	Net Load Factor - T2 (g)	-1.27103E-08	-1.69499E-08	-1.00000E+00	1.07887E-01	4.00588E-02	-4.85969E-10
3	Net Load Factor - T3 (g)	1.00000E+00	-8.51861E-08	2.75182E-08	7.01731E-09	-6.42793E-02	1.07887E-01
4	Net Load Factor - R1 (rad/sec^2)	3.22128E-07	1.99566E-07	3.94472E-07	4.50293E-08	-1.00000E+00	2.96889E-08
5	Net Load Factor - R2 (rad/sec^2)	-2.86901E-07	-3.85277E-07	3.42477E-08	2.18136E-08	-1.67407E-08	-1.00000E+00
6	Net Load Factor - R3 (rad/sec^2)	3.34283E-08	-3.63872E-08	7.64732E-09	1.00000E+00	9.25049E-09	8.83665E-09
7	GRID 653 - T2 (lbf)	5.46024E-08	5.00307E+02	-2.68206E+02	3.93367E+01	1.07424E+01	1.95207E+01
8	GRID 653 - T3 (lbf)	-2.55701E+01	-1.08374E+02	-1.21148E+02	4.32649E+00	-3.07035E+00	-4.25930E+00
9	GRID 654 - T3 (lbf)	1.21288E+02	-6.18072E+01	7.48287E+01	-1.06253E+01	-7.00014E+00	-1.75115E+00
10	GRID 655 - T1 (lbf)	-4.70981E-06	-5.36574E+02	1.27794E-06	-3.61584E+01	-1.21128E-07	-2.14939E+01
11	GRID 655 - T3 (lbf)	1.72488E+02	-1.75898E+02	4.63197E+01	-1.75430E+01	-7.17395E+00	6.83233E+00
12	GRID 2183 - T2 (lbf)	-6.87432E-06	-5.00307E+02	-2.68368E+02	1.85527E+01	1.07521E+01	-1.95207E+01
13	GRID 2183 - T3 (lbf)	1.28450E+02	9.62816E+01	-1.27784E+02	2.31658E+01	1.32716E+01	2.86296E+01
14	GRID 2184 - T3 (lbf)	1.73259E+02	8.59911E+01	7.69562E+01	-7.02022E+00	-1.72655E+01	6.99155E+00
15	GRID 2185 - T3 (lbf)	-3.33408E+01	1.63806E+02	5.08274E+01	7.69624E+00	-1.32524E+01	2.14464E+01
16	Net Inertial Acc - T1 (in/sec^2)	-3.37936E-06	-3.86089E+02	9.21097E-07	-2.60175E+01	-8.78206E-08	-1.54658E+01
17	Net Inertial Acc - T2 (in/sec^2)	-4.84700E-06	-6.54489E-06	-3.86089E+02	4.16540E+01	1.54662E+01	-1.87579E-07
18	Net Inertial Acc - T3 (in/sec^2)	3.86089E+02	-3.28873E-05	1.05759E-05	2.71130E-06	-2.48175E+01	4.16540E+01
19	Net Inertial Acc - R1 (rad/sec^2)	3.47092E-07	1.99154E-07	3.93015E-07	4.50885E-08	-1.00000E+00	2.97300E-08
20	Net Inertial Acc - R2 (rad/sec^2)	-2.71703E-07	-3.81120E-07	3.35887E-08	2.17844E-08	-1.74419E-08	-1.00000E+00
21	Net Inertial Acc - R3 (rad/sec^2)	3.35716E-08	-3.61587E-08	7.84187E-09	1.00000E+00	9.20982E-09	8.83646E-09

O T M - 0 9 R E S P O N S E S D U E T O R I G I D - B O D Y D I S P L A C E M E N T

ITEM	DESCRIPTION	T1	T2	T3	R1	R2	R3
1	Net Load Factor - T1 (g)	-3.65103E-11	-2.69123E-09	-8.03838E-11	-7.17175E-08	1.27526E-09	-2.69522E-08
2	Net Load Factor - T2 (g)	4.92576E-10	-8.02346E-11	1.68150E-09	5.12461E-10	-3.64867E-08	-3.68134E-09
3	Net Load Factor - T3 (g)	8.60749E-09	3.73086E-11	-4.93903E-10	-5.34274E-10	-2.37640E-07	-4.06901E-08
4	Net Load Factor - R1 (rad/sec^2)	7.84696E-08	-2.18664E-09	4.32929E-09	-7.57011E-08	-4.45512E-06	-6.66660E-07
5	Net Load Factor - R2 (rad/sec^2)	3.12784E-08	3.66270E-08	-1.82871E-09	8.42376E-07	-1.12334E-06	-2.71811E-06
6	Net Load Factor - R3 (rad/sec^2)	9.29885E-10	3.00377E-09	4.59429E-09	6.81218E-07	-8.20438E-08	4.90850E-08
7	GRID 653 - T2 (lbf)	1.45104E-07	1.27395E-06	3.83151E-07	2.05748E-05	-9.10303E-06	9.93699E-06
8	GRID 653 - T3 (lbf)	-4.35193E-05	-7.01189E-05	4.60010E-06	2.25802E-03	3.25600E-03	2.73638E-03
9	GRID 654 - T3 (lbf)	6.12540E-05	1.04900E-04	-2.48027E-05	-1.77221E-03	1.26788E-03	-5.82043E-04
10	GRID 655 - T1 (lbf)	-1.95905E-08	-1.44404E-06	-4.31319E-08	-3.84818E-05	6.84271E-07	-1.44618E-05
11	GRID 655 - T3 (lbf)	-1.49931E-05	-3.51818E-05	2.00138E-05	-4.99126E-04	-4.60315E-03	-2.21334E-03
12	GRID 2183 - T2 (lbf)	1.19200E-07	-1.31700E-06	5.19100E-07	-2.02998E-05	-1.04748E-05	-1.19123E-05
13	GRID 2183 - T3 (lbf)	-5.16322E-06	-5.94972E-06	1.44187E-05	-1.85171E-03	-7.54867E-03	-4.45699E-03
14	GRID 2184 - T3 (lbf)	3.94553E-05	4.72599E-05	-1.29626E-05	9.60585E-04	7.25025E-03	4.01127E-03
15	GRID 2185 - T3 (lbf)	-3.24151E-05	-4.08892E-05	-1.53240E-06	9.04153E-04	2.50187E-04	4.82899E-04
16	Net Inertial Acc - T1 (in/sec^2)	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
17	Net Inertial Acc - T2 (in/sec^2)	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	Net Inertial Acc - T3 (in/sec^2)	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
19	Net Inertial Acc - R1 (rad/sec^2)	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
20	Net Inertial Acc - R2 (rad/sec^2)	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
21	Net Inertial Acc - R3 (rad/sec^2)	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

O T M - 0 9 R E S P O N S E S D U E T O 1 G

ITEM	DESCRIPTION	T1	T2	T3	R1	R2	R3
1	Net Load Factor - T1 (g)	-2.21809E-09	-1.00000E+00	2.48535E-11	-6.73874E-02	-7.19267E-10	-4.00577E-02
2	Net Load Factor - T2 (g)	-1.92079E-08	-1.95394E-08	-1.00000E+00	-8.66645E-03	4.00588E-02	-4.93900E-10
3	Net Load Factor - T3 (g)	1.00000E+00	-9.86921E-08	3.31201E-08	8.11833E-09	-6.42794E-02	-8.66644E-03
4	Net Load Factor - R1 (rad/sec^2)	4.68980E-07	4.32490E-07	4.65036E-07	3.42555E-08	-1.00000E+00	5.79652E-09
5	Net Load Factor - R2 (rad/sec^2)	-2.66668E-08	9.17524E-08	3.18206E-08	-1.15498E-09	4.30616E-09	-1.00000E+00
6	Net Load Factor - R3 (rad/sec^2)	1.27798E-08	-3.48154E-08	-2.52871E-08	1.00000E+00	-2.40588E-09	7.60556E-10
7	GRID 653 - T2 (lbf)	-4.35468E-06	5.00307E+02	-2.68206E+02	8.07636E+00	1.07424E+01	1.95207E+01
8	GRID 653 - T3 (lbf)	8.34551E+01	-9.08071E+01	-1.16034E+02	-1.03238E+01	1.04075E+00	-1.47616E+01
9	GRID 654 - T3 (lbf)	8.59699E+01	-6.78282E+01	6.01497E+01	-1.00677E+00	-3.89311E+00	-5.71807E+00
10	GRID 655 - T1 (lbf)	-1.18812E-06	-5.36574E+02	1.36096E-08	-3.61584E+01	-3.86113E-07	-2.14939E+01
11	GRID 655 - T3 (lbf)	9.87811E+01	-1.87444E+02	5.58839E+01	-1.25112E+01	-1.43921E+01	-9.95879E+00
12	GRID 2183 - T2 (lbf)	-5.95148E-06	-5.00307E+02	-2.68368E+02	-1.27265E+01	1.07521E+01	-1.95207E+01
13	GRID 2183 - T3 (lbf)	8.34733E+01	7.53009E+01	-1.23507E+02	8.29353E+00	9.47916E-01	1.36912E+01
14	GRID 2184 - T3 (lbf)	8.04807E+01	9.88405E+01	7.28526E+01	2.06970E+00	-3.94726E+00	3.52736E+00
15	GRID 2185 - T3 (lbf)	1.04414E+02	1.71938E+02	5.06546E+01	1.34786E+01	-1.42469E+01	8.56974E+00
16	Net Inertial Acc - T1 (in/sec^2)	-8.62681E-07	-3.86089E+02	9.09058E-09	-2.60175E+01	-2.77486E-07	-1.54658E+01
17	Net Inertial Acc - T2 (in/sec^2)	-7.35043E-06	-7.54818E-06	-3.86089E+02	-3.34602E+00	1.54662E+01	-1.91328E-07
18	Net Inertial Acc - T3 (in/sec^2)	3.86089E+02	-3.80952E-05	1.27427E-05	3.13458E-06	-2.48175E+01	-3.34601E+00
19	Net Inertial Acc - R1 (rad/sec^2)	4.95873E-07	4.32141E-07	4.63670E-07	3.42775E-08	-1.00000E+00	5.54885E-09
20	Net Inertial Acc - R2 (rad/sec^2)	-1.68721E-08	9.56615E-08	3.14083E-08	-1.20674E-09	3.63433E-09	-1.00000E+00
21	Net Inertial Acc - R3 (rad/sec^2)	1.31158E-08	-3.46070E-08	-2.51940E-08	1.00000E+00	-2.44496E-09	7.59986E-10

O T M - 1 0 R E S P O N S E S D U E T O R I G I D - B O D Y D I S P L A C E M E N T

ITEM	DESCRIPTION	T1	T2	T3	R1	R2	R3
1	Net Load Factor - T1 (g)	-3.65103E-11	-2.69123E-09	-8.03838E-11	-7.53347E-08	1.27526E-09	-2.53092E-08
2	Net Load Factor - T2 (g)	4.92576E-10	-8.02347E-11	1.68150E-09	7.61800E-08	-3.64867E-08	-2.58473E-08
3	Net Load Factor - T3 (g)	8.60749E-09	3.73090E-11	-4.93903E-10	-2.27599E-08	-2.37640E-07	-4.28027E-07
4	Net Load Factor - R1 (rad/sec^2)	7.84696E-08	-2.18664E-09	4.32929E-09	1.19117E-07	-4.45512E-06	-4.19779E-06
5	Net Load Factor - R2 (rad/sec^2)	3.12784E-08	3.66270E-08	-1.82871E-09	7.60084E-07	-1.12334E-06	-4.12564E-06
6	Net Load Factor - R3 (rad/sec^2)	9.29885E-10	3.00377E-09	4.59429E-09	8.87961E-07	-8.20438E-08	7.24023E-09
7	GRID 653 - T2 (lbf)	1.45104E-07	1.27395E-06	3.83151E-07	3.78166E-05	-9.10303E-06	3.40730E-06
8	GRID 653 - T3 (lbf)	4.32205E-05	1.71078E-04	3.15099E-05	-2.27084E-03	4.07157E-05	-3.35289E-03
9	GRID 654 - T3 (lbf)	6.84060E-06	-1.02726E-04	-5.30047E-05	1.22261E-03	3.16618E-03	2.44826E-03
10	GRID 655 - T1 (lbf)	-1.95905E-08	-1.44404E-06	-4.31319E-08	-4.04227E-05	6.84271E-07	-1.35803E-05
11	GRID 655 - T3 (lbf)	-4.73196E-05	-6.87531E-05	2.13060E-05	1.02642E-03	-3.28618E-03	7.22256E-04
12	GRID 2183 - T2 (lbf)	1.19200E-07	-1.31700E-06	5.19100E-07	3.05966E-06	-1.04748E-05	-1.72763E-05
13	GRID 2183 - T3 (lbf)	-6.16052E-05	-1.24122E-04	1.66698E-05	1.39083E-03	-5.26913E-03	1.06993E-03
14	GRID 2184 - T3 (lbf)	3.32730E-05	8.83702E-06	-4.30825E-05	5.50660E-04	7.22342E-03	1.95517E-03
15	GRID 2185 - T3 (lbf)	3.02092E-05	1.15706E-04	2.63363E-05	-1.93190E-03	-2.00253E-03	-3.07239E-03
16	Net Inertial Acc - T1 (in/sec^2)	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
17	Net Inertial Acc - T2 (in/sec^2)	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	Net Inertial Acc - T3 (in/sec^2)	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
19	Net Inertial Acc - R1 (rad/sec^2)	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
20	Net Inertial Acc - R2 (rad/sec^2)	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
21	Net Inertial Acc - R3 (rad/sec^2)	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

O T M - 1 0 R E S P O N S E S D U E T O 1 G

ITEM	DESCRIPTION	T1	T2	T3	R1	R2	R3
1	Net Load Factor - T1 (g)	2.79790E-09	-1.00000E+00	-1.47918E-09	-6.73874E-02	-1.76013E-09	-4.00577E-02
2	Net Load Factor - T2 (g)	-1.55514E-08	4.49955E-09	-1.00000E+00	-1.25220E-01	4.00588E-02	-1.42156E-09
3	Net Load Factor - T3 (g)	1.00000E+00	-5.32727E-08	3.53169E-08	4.96075E-09	-6.42794E-02	-1.25220E-01
4	Net Load Factor - R1 (rad/sec^2)	3.88805E-07	1.65705E-07	4.64610E-07	4.61830E-08	-1.00000E+00	1.75477E-08
5	Net Load Factor - R2 (rad/sec^2)	2.54993E-07	7.13827E-07	-1.05877E-08	-4.36148E-08	-2.45937E-08	-1.00000E+00
6	Net Load Factor - R3 (rad/sec^2)	-4.51631E-08	-2.65677E-07	1.42709E-09	1.00000E+00	-1.27287E-08	1.44384E-08
7	GRID 653 - T2 (lbf)	-4.38622E-06	5.00307E+02	-2.68206E+02	-2.31840E+01	1.07424E+01	1.95207E+01
8	GRID 653 - T3 (lbf)	1.21627E+02	-8.67773E+01	-1.12413E+02	-2.41192E+01	1.37280E+01	-2.96207E+01
9	GRID 654 - T3 (lbf)	1.58345E+02	-8.18131E+01	5.34641E+01	5.73502E+00	-1.98050E+01	-9.04057E+00
10	GRID 655 - T1 (lbf)	1.50333E-06	-5.36574E+02	-7.93414E-07	-3.61584E+01	-9.44616E-07	-2.14939E+01
11	GRID 655 - T3 (lbf)	-1.17663E+01	-1.77489E+02	5.89490E+01	-5.45767E+00	-1.11675E+01	-2.30376E+01
12	GRID 2183 - T2 (lbf)	-3.95799E-06	-5.00307E+02	-2.68368E+02	-4.40058E+01	1.07521E+01	-1.95207E+01
13	GRID 2183 - T3 (lbf)	1.64328E+01	9.12703E+01	-1.13832E+02	-5.06714E+00	-9.76115E-01	1.78322E+00
14	GRID 2184 - T3 (lbf)	6.58421E+01	7.28271E+01	5.29465E+01	9.30317E+00	-9.56190E+00	2.07132E+00
15	GRID 2185 - T3 (lbf)	1.86093E+02	1.81982E+02	6.08852E+01	1.96058E+01	-6.70821E+00	-9.34551E+00
16	Net Inertial Acc - T1 (in/sec^2)	1.05900E-06	-3.86089E+02	-5.72851E-07	-2.60175E+01	-6.78271E-07	-1.54658E+01
17	Net Inertial Acc - T2 (in/sec^2)	-5.94677E-06	1.72987E-06	-3.86089E+02	-4.83460E+01	1.54662E+01	-5.50021E-07
18	Net Inertial Acc - T3 (in/sec^2)	3.86089E+02	-2.05514E-05	1.35944E-05	1.91431E-06	-2.48175E+01	-4.83460E+01
19	Net Inertial Acc - R1 (rad/sec^2)	4.12026E-07	1.65576E-07	4.63349E-07	4.61836E-08	-1.00000E+00	1.70713E-08
20	Net Inertial Acc - R2 (rad/sec^2)	2.56969E-07	7.17931E-07	-1.09208E-08	-4.36615E-08	-2.50786E-08	-1.00000E+00
21	Net Inertial Acc - R3 (rad/sec^2)	-4.47102E-08	-2.65511E-07	1.42202E-09	1.00000E+00	-1.27549E-08	1.44333E-08

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Execution Time: 00:00:01


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