

PREPARED *			UNIT INERTIA LOADS		PAGE NO. **3.2-195			
CHECKED **	*				MODEL *****C-5A			
APPROVED *	*		*** WING (FUEL INCLUDED) ***		REPORT NO. *IG1US54-12-			
DATE *****11/08/68*			SWEPT AXIS SYSTEM		CASE IL *** FI0203			
FUEL WT. 23562.5 LB.		DENSITY 6.500 LB./GAL.		ALTITUDE .000 DEG.				
LOAD AXIS ORIGIN		F.S. 1106.533		B.L. .000	A.L. 350.250			
ROTATIONAL AXIS ORIGIN		F.S. 1106.583		B.L. .000	A.L. 265.000			
TANK	1	2	3	4	5	6	7	8
WT.	10010.0	.0	.0	.0	.0	10478.0	1768.0	1306.5
STA.	MX100	MY100	MZ100	SKIDS	SYIDS	SZIDS		
.000	50.981	-2.193	.474	60375.	20020.	5312.		
120.361	43.004	-2.130	-.098	58339.	19344.	3862.		
120.362	43.004	-2.130	-.098	58333.	19344.	3862.		
197.900	38.087	-2.033	-.327	55565.	18425.	2061.		
263.800	34.138	-2.105	-.411	52602.	17442.	444.		
329.800	30.298	-1.842	-.416	49935.	16558.	-377.		
395.752	26.681	-1.730	-.371	48172.	15973.	-898.		
469.886	22.774	-1.631	-.286	46175.	15311.	-1384.		
469.887	22.773	-1.631	-.286	46175.	15311.	-1384.		
481.259	22.177	-1.624	-.273	45268.	15210.	-1458.		
481.260	22.248	-1.615	-.277	43540.	14437.	-283.		
492.532	21.700	-1.774	-.271	43073.	14284.	-369.		
492.633	21.700	-1.774	-.271	43073.	14284.	-369.		
527.700	20.015	-1.670	-.253	41656.	13813.	-618.		
577.275	17.747	-1.624	-.216	40150.	13313.	-891.		
577.276	17.821	-.078	-.216	38842.	16748.	-891.		
659.600	14.096	.037	-.127	36195.	15607.	-1253.		
738.919	10.767	.159	-.019	34015.	14667.	-1502.		
738.920	10.767	.159	-.019	34015.	14667.	-1502.		
748.918	10.352	.158	-.005	33740.	14548.	-1533.		
748.919	10.627	-.421	-.011	27674.	12019.	304.		
758.017	10.298	-.398	-.013	27505.	11860.	274.		
758.918	10.298	-.398	-.013	27505.	11860.	274.		
791.504	9.237	-.346	-.020	26302.	11341.	176.		
857.500	7.218	-.297	-.029	24736.	10660.	65.		
923.700	5.633	-.211	-.029	22821.	9840.	-23.		
989.700	3.618	-.131	-.026	20172.	8698.	-86.		
1055.300	2.155	-.112	-.019	16903.	7288.	-120.		
1121.300	.999	-.077	-.011	12102.	5218.	-127.		
1154.300	.578	-.064	-.007	9133.	3938.	-117.		
1187.256	.278	-.037	-.004	6140.	2647.	-95.		
1220.200	.100	-.054	-.001	3079.	1328.	-57.		
1253.200	.027	-.019	-.000	505.	218.	-12.		
1286.200	.011	-.013	-.000	255.	110.	-7.		
1319.173	-.000	.000	.000	0.	0.	-0.		

PREPARED *	UNIT INERTIA LOADS	PAGE NO. **3.2-196
CHECKED **		MODEL *****0-5A
APPROVED *	*** WING (FUEL INCLUDED) ***	REPORT NO. *LG1US54-12-1
DATE *****11/10/68*	SWEEP AXIS SYSTEM	CASE ID *** FID203

FUEL WT. 23562.5 LB.	DENSITY 6.500 LB./GAL.	ATTITUDE .000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583 B.L.	.000 W.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1106.583 B.L.	.000 W.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT. 10010.0	.0	.0	.0	.0	10479.0	1768.0	1308.5	

STA.	MXIDS	MYIDS	MZIDS	SZRD	MXRD	MYPD
.000	1.975	-4.450	-47.698	-133925.	-109.978	-1.544
120.351	1.195	-3.915	-40.149	-132725.	-93.055	-1.536
120.362	1.195	-3.915	-40.149	-132725.	-93.055	-1.536
197.900	.864	-3.646	-35.496	-128836.	-82.419	-1.380
263.300	.712	-3.454	-31.741	-123626.	-73.717	-1.144
329.800	.619	-3.138	-26.179	-119997.	-65.205	-1.211
395.752	.587	-2.948	-24.780	-117199.	-56.959	-1.237
469.686	.591	-2.692	-21.103	-113592.	-47.930	-1.250
469.687	.591	-2.692	-21.103	-113592.	-47.930	-1.250
481.259	.593	-2.654	-20.539	-113038.	-46.560	-1.237
481.260	.453	-2.246	-20.546	-99521.	-47.234	1.120
492.632	.447	-2.207	-20.038	-98747.	-46.052	1.032
492.635	.447	-2.207	-20.038	-98747.	-46.052	1.082
527.700	.427	-2.091	-13.472	-96361.	-42.419	1.002
577.275	.418	-1.946	-16.333	-93419.	-37.445	.966
577.276	.585	-1.903	-16.333	-93413.	-37.369	-2.268
659.600	.531	-1.670	-12.978	-88360.	-29.171	-2.420
738.919	.613	-1.468	-9.950	-83724.	-21.710	-2.456
738.920	.613	-1.468	-9.950	-83724.	-21.710	-2.456
748.913	.617	-1.444	-9.563	-83140.	-20.773	-2.440
748.919	.271	-.656	-9.391	-62504.	-21.909	.497
758.917	.260	-.636	-9.299	-61253.	-21.243	.466
758.916	.260	-.636	-9.299	-61254.	-21.243	.466
791.504	.224	-.572	-8.345	-58326.	-19.030	.405
857.500	.162	-.449	-5.510	-55508.	-14.954	.355
923.400	.111	-.331	-4.819	-51552.	-11.090	.233
939.400	.066	-.219	-3.269	-45852.	-7.525	.128
1055.500	.031	-.120	-1.935	-38474.	-4.474	.125
1121.500	.007	-.046	-.886	-27610.	-2.061	.094
1154.500	.002	-.023	-.596	-20842.	-1.187	.034
1167.256	-.000	-.009	-.233	-13977.	-.564	.085
1220.200	-.001	-.002	-.070	-6923.	-.157	.095
1253.200	-.000	-.001	-.017	-1104.	-.053	.035
1286.200	-.000	-.000	-.005	-547.	-.022	.024
1319.175	.000	.000	-.000	0.	-.000	.000

PREPARED *	*	UNIT INERTIA LOADS	PAGE NO. **3.2-197
CHECKED **	*		MODEL *****0-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. *LG1US54-12-1
DATE *****11/03/68*		SWEEP AXIS SYSTEM	CASE ID *** F10203

FUEL WT. 23562.5 LB.	DENSITY 6.500 LB./GAL.	ATTITUDE .000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583 B.L.	.000 W.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1106.583 B.L.	.000 W.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT. 19610.1	.0	.0	.0	.0	10472.0	1763.0	1306.5	

STA.	MZPD	EXPS	SYPS	EXPS	MYPS	MZPS
.000	.358	-42151.	127119.	11.012	3.064	33.149
120.361	.371	-41774.	125979.	9.238	2.673	27.831
120.362	.371	-41774.	125979.	9.238	2.673	27.831
197.900	.355	-40549.	122283.	8.272	2.369	24.531
263.800	.395	-38910.	117344.	7.614	2.109	22.116
329.800	.364	-37765.	113889.	7.027	1.947	19.573
395.752	.370	-36887.	111243.	6.521	1.773	16.753
469.886	.393	-35752.	107819.	6.009	1.579	13.899
469.887	.393	-35752.	107819.	6.009	1.579	13.899
481.259	.398	-35573.	107294.	5.931	1.547	13.477
481.260	.196	-31323.	94463.	4.719	1.358	15.929
492.632	.193	-31079.	93729.	4.645	1.337	15.522
492.633	.193	-31079.	93729.	4.645	1.337	15.522
527.700	.187	-30323.	91464.	4.421	1.268	14.302
577.275	.198	-29402.	88671.	4.138	1.164	12.721
577.276	.198	-29402.	88671.	4.138	1.164	12.721
659.300	.220	-34986.	81138.	3.611	1.317	9.528
738.919	.264	-33150.	76881.	3.275	1.125	6.341
738.920	.264	-33150.	76881.	3.275	1.125	6.341
748.918	.271	-32919.	76345.	3.233	1.099	5.937
748.919	.010	-24550.	56936.	1.340	.567	9.131
758.917	.007	-24255.	56251.	1.297	.552	8.839
758.918	.007	-24255.	56251.	1.297	.552	8.839
791.304	.000	-23292.	54019.	1.160	.500	7.931
857.300	-.006	-21978.	50971.	.900	.394	6.247
923.400	-.010	-20412.	47339.	.659	.293	4.605
909.400	-.011	-18155.	42104.	.430	.193	3.097
1055.300	-.009	-15234.	35330.	.231	.109	1.886
1121.300	-.006	-10932.	25353.	.084	.042	.903
1154.300	-.004	-8252.	19139.	.040	.022	.547
1187.256	-.002	-5534.	12934.	.015	.009	.301
1220.200	-.001	-2741.	6357.	.004	.003	.165
1253.200	-.001	-437.	1014.	.002	.001	.053
1286.200	-.000	-217.	503.	.001	.001	.031
1319.173	.000	0.	-0.	.000	.000	.000

PREPARED *	UNIT INERTIA LOADS	PAGE NO. **3.2-198
CHECKED **		MODEL *****C-5A
APPROVED *	*** WING (FUEL INCLUDED) ***	REPORT NO. *IG10S54-12-
DATE ***11/06/68*	SWEEP AXIS SYSTEM	CASE ID *** F10203

FUEL WT. 23562.5 LB.	DENSITY 6.560 LB./GAL.	ALTITUDE .000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583 B.L.	.000 W.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1106.583 B.L.	.000 W.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT. 10010.1	.0	.0	.0	.0	10473.0	1763.0	1306.5	

STA.	EXPSID0	STPST00	EXPSID0	MYPSID0	WZPSID0	WZPSID0S
.000	147139.	47194.	-.625	-11.737	-122.266	-14.549
120.361	145324.	45440.	-.477	-10.386	-103.583	-12.318
120.362	145324.	45440.	-.477	-10.386	-103.583	-12.318
197.900	140713.	42505.	-.397	-9.534	-91.831	-10.365
203.600	134786.	39332.	-.337	-8.858	-82.287	-9.625
329.300	133447.	37406.	-.289	-8.206	-72.787	-8.806
395.752	127216.	36035.	-.240	-7.579	-63.744	-8.027
409.386	123130.	34438.	-.187	-6.896	-53.680	-7.204
409.387	123130.	34438.	-.187	-6.896	-53.679	-7.204
481.259	122503.	34193.	-.179	-6.791	-52.375	-7.062
481.260	108900.	31049.	-.342	-5.573	-52.734	-4.617
492.632	108013.	30729.	-.333	-5.434	-51.415	-4.517
492.633	108013.	30729.	-.333	-5.484	-51.415	-4.517
527.700	105276.	29742.	-.308	-5.210	-47.370	-4.171
577.275	101984.	23555.	-.271	-4.341	-41.909	-3.612
577.276	102532.	36170.	.150	-4.346	-41.909	-3.612
659.000	96745.	33833.	.153	-4.252	-32.819	-3.650
706.919	91548.	31771.	.156	-3.713	-24.620	-3.609
708.920	91548.	31771.	.156	-3.713	-24.620	-3.609
748.918	90393.	31511.	.156	-3.645	-23.593	-3.632
748.919	83955.	24829.	-.063	-1.623	-24.494	-.460
756.917	68111.	24506.	-.061	-1.576	-23.744	-.460
756.918	68111.	24506.	-.061	-1.576	-23.744	-.460
791.504	65360.	23453.	-.055	-1.421	-21.324	-.414
857.500	61037.	22038.	-.043	-1.120	-16.702	-.263
925.400	57179.	20391.	-.032	-.832	-12.361	-.214
989.400	50602.	13076.	-.021	-.553	-8.394	-.172
1055.300	42618.	15124.	-.012	-.304	-5.009	-.049
1121.300	30571.	10815.	-.005	-.117	-2.319	.017
1154.300	23076.	8144.	-.002	-.059	-1.342	.041
1187.256	16482.	5446.	-.001	-.023	-.645	.068
1220.200	7685.	2639.	-.000	-.006	-.232	.095
1253.200	1232.	426.	-.000	-.003	-.063	.036
1286.200	613.	210.	-.000	-.001	-.027	.025
1319.173	-0.	-0.	-.000	.000	.000	.000

PREPARED *	*	UNIT INERTIA LOADS	PAGE NO. ** 3.2-199
CHECKED **	*		MODEL ***** C-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. * IG10S54-12-
DATE ***** 11/02/58 *		SWEPT AXIS SYSTEM	CASE ID *** FI0203

FUEL WT. 23562.5 LB.	DENSITY 6.500 LB./GAL.	ALTITUDE .000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583 B.L.	.000 A.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1106.583 B.L.	.000 A.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT. 10011.1	.0	.0	.0	.0	.0	10473.0	1753.0	1306.5

STA.	MYQR	MYQR	MYPR	MYPR	SXQR	SYPR
.000	-109.276	-1.311	-50.748	1.496	-107099.	-102526.
120.361	-92.314	-1.290	-42.759	1.399	-106635.	-100111.
120.352	-92.314	-1.290	-42.759	1.399	-106635.	-100111.
197.900	-81.651	-1.129	-37.836	1.325	-103863.	-96115.
263.300	-72.971	-.896	-33.891	1.359	-99901.	-91512.
329.300	-64.474	-.969	-30.056	1.111	-97331.	-87700.
395.752	-56.248	-1.001	-26.445	1.020	-95259.	-85059.
469.386	-47.243	-1.022	-22.546	.944	-92508.	-81927.
469.387	-47.243	-1.022	-22.546	.944	-92508.	-81926.
481.259	-46.367	-1.011	-21.951	.941	-92084.	-81445.
481.260	-46.786	1.258	-22.100	1.367	-80026.	-74363.
492.532	-45.606	1.230	-21.552	1.328	-79444.	-74158.
492.533	-45.606	1.230	-21.552	1.328	-79444.	-74158.
527.700	-41.979	1.147	-19.370	1.232	-77651.	-71964.
577.275	-37.013	1.128	-17.605	1.197	-75358.	-69552.
577.276	-36.976	-2.090	-17.643	-.335	-69035.	-75831.
659.600	-23.779	-2.251	-13.927	-.480	-65532.	-71160.
738.919	-21.338	-2.295	-10.607	-.531	-62216.	-67165.
738.920	-21.338	-2.295	-10.607	-.531	-62216.	-67165.
748.913	-20.409	-2.230	-10.193	-.527	-61796.	-66559.
748.919	-21.389	.506	-10.618	.401	-44918.	-52424.
758.917	-21.223	.474	-10.289	.378	-44392.	-51759.
758.918	-21.223	.474	-10.289	.378	-44392.	-51759.
791.584	-19.071	.414	-9.229	.327	-42678.	-49594.
857.500	-14.936	.363	-7.210	.279	-40306.	-46714.
923.400	-11.073	.240	-5.331	.194	-37495.	-43233.
989.400	-7.509	.135	-3.609	.116	-33407.	-38325.
1055.300	-4.469	.127	-2.153	.107	-26041.	-32137.
1121.300	-2.053	.096	-.997	.074	-20135.	-23034.
1134.300	-1.135	.065	-.578	.062	-15201.	-17365.
1137.256	-.563	.036	-.278	.056	-10187.	-11674.
1220.200	-.197	.095	-.100	.054	-5030.	-5820.
1253.200	-.052	.035	-.027	.019	-796.	-942.
1266.200	-.022	.024	-.011	.013	-393.	-472.
1319.173	.000	.000	-.000	.000	0.	0.

PREPARED *	*	UNIT INERTIA LOADS	PAGE NO. **3.2-200
CHECKED **	*		MODEL *****C-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. *IG1US54-12-1
DATE *****11/03/83*		SWEPT AXIS SYSTEM	CASE ID *** F10203

FUEL WT. 23562.5 LB.	DENSITY 6.500 LB./GAL.	ATTITUDE .000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.533 B.L.	.000 W.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1106.533 B.L.	.000 W.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT. 10010.0	.0	.0	.0	.0	.0	10472.1	1763.0	1306.5

STA.	MXPD	MYPD	MZPD
.000	-7.514	9.033	66.743
120.361	-6.533	8.043	73.253
120.362	-6.563	8.043	73.253
127.900	-6.014	7.403	64.761
263.300	-5.563	6.902	57.588
329.300	-5.134	6.403	50.988
395.752	-4.721	5.934	44.414
469.336	-4.271	5.413	37.172
469.337	-4.271	5.413	37.172
481.259	-4.201	5.339	36.052
481.260	-3.604	4.265	35.756
492.632	-3.544	4.199	34.357
492.633	-3.544	4.199	34.357
527.700	-3.360	3.994	32.062
577.275	-3.110	3.720	23.104
577.276	-3.421	3.436	28.104
659.500	-2.987	3.050	22.244
738.919	-2.593	2.662	16.791
738.920	-2.593	2.662	16.791
748.918	-2.543	2.616	16.092
748.919	-1.224	1.059	15.327
758.917	-1.186	1.037	14.879
758.918	-1.188	1.037	14.879
791.504	-1.071	.935	13.394
857.500	-.343	.738	10.460
923.400	-.627	.548	7.784
989.400	-.417	.354	5.307
1055.300	-.229	.201	3.103
1121.300	-.083	.077	1.389
1154.300	-.044	.039	.769
1137.256	-.013	.015	.322
1220.200	-.005	.004	.054
1253.200	-.002	.002	.006
1286.200	-.001	.001	-.006
1319.173	.000	-.000	.000

PREPARED *	JULI INERTIA LOADS	PAGE NO. **3.2-201
CHECKED **		MODEL *****C-5A
APPROVED *	*** FUEL ***	REPORT NO. *IG1US54-12-
DATE *****11/03/68*		CASE ID *** F10204

FUEL WT. 23562.5 LB.	DENSITY 6.500 LB./GAL.	ATTITUDE 0.000 DEG.
LOAD AXIS ORIGIN	F.S. 1176.583 S.L. .000	N.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1176.583 S.L. .000	N.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT. 10010.1	.0	.0	.0	.0	.0	10473.1	1768.0	1306.5

SFA.	SZU2	MXNZ	MYU2	MYX	SZT00	SXT00
.000	-23562.	-15.638	7.701	1.219	19946.	-2046.
120.361	-23562.	-12.352	7.701	.999	19946.	-2046.
120.362	-23562.	-12.352	7.701	.999	19946.	-2046.
197.900	-13437.	-11.211	7.210	.345	12675.	-1149.
263.330	-12453.	-10.138	6.488	.779	16004.	-73.
329.800	-11773.	-9.405	6.419	.720	16027.	45.
395.752	-11773.	-8.628	6.419	.560	16027.	45.
469.836	-11778.	-7.755	6.419	.592	16027.	45.
469.837	-11778.	-7.735	6.419	.592	16027.	45.
481.259	-11778.	-7.621	6.419	.581	16027.	45.
481.260	-11778.	-7.621	6.419	.581	16027.	45.
492.632	-11778.	-7.437	6.419	.571	16027.	45.
492.633	-11778.	-7.437	6.419	.571	16027.	45.
527.700	-11778.	-7.074	6.419	.539	16027.	45.
577.275	-11778.	-6.490	6.419	.494	16027.	45.
577.276	-11778.	-6.490	6.419	.494	16027.	45.
659.800	-11778.	-5.520	6.419	.413	16027.	45.
738.919	-11778.	-4.536	6.419	.346	16027.	45.
738.920	-11778.	-4.536	6.419	.346	16027.	45.
748.918	-11778.	-4.458	6.419	.337	16027.	45.
748.919	-11778.	-4.458	6.419	.337	16027.	45.
758.917	-11778.	-4.350	6.419	.323	16027.	45.
758.918	-11778.	-4.350	6.419	.323	16027.	45.
791.504	-11773.	-3.967	6.419	.298	16027.	45.
837.500	-11778.	-3.139	6.419	.233	16027.	45.
923.420	-11767.	-2.413	6.414	.177	16612.	45.
989.400	-11041.	-1.645	6.197	.115	16056.	00.
1055.360	-9777.	-.938	5.386	.056	13949.	60.
1121.350	-6752.	-.334	3.750	.014	9714.	63.
1154.350	-4708.	-.195	2.669	.005	6912.	65.
1137.256	-2784.	-.071	1.598	-.000	4140.	49.
1220.286	-958.	-.009	.556	-.001	1440.	20.
1253.200	0.	.000	.000	.000	0.	0.
1286.200	0.	.000	.000	.000	0.	0.
1319.173	0.	.000	.000	.000	0.	0.

PREPARED * *	UNIT INERTIA LOADS					PAGE NO. **3.2-202		
CHECKED * *						MODEL ****C-5A		
APPROVED * *	*** FUEL ***					REPORT NO.* LG1US54-12-		
DATE *****11/03/68*						CASE ID *** F1020+		
FUEL WT. 23862.5 LB.		DENSITY 6.500 LB./GAL.		ALTITUDE 8.000 DEG.				
LOAD AXIS ORIGIN		F.S. 1106.533 B.L.		.000 A.L. 350.250				
ROTATIONAL AXIS ORIGIN		F.S. 1106.533 B.L.		.000 A.L. 265.000				
TANK	1	2	3	4	5	6	7	8
WT.	10010.0	.0	.0	.0	.0	10472.0	1763.0	1306.5
STA.	MYT00	MYT00	MYT00	MYT00	MYT00	SZPD	MYPD	
.000	19.486	-9.468	.369	-1.700	-40630.	-40.276		
120.361	17.085	-9.487	.123	-1.514	-40633.	-35.405		
120.362	17.085	-9.487	.123	-1.514	-40633.	-35.405		
197.900	15.587	-9.365	-.003	-1.305	-38489.	-32.339		
263.800	14.414	-9.122	-.044	-1.089	-34896.	-29.911		
329.300	13.315	-9.103	-.043	-.992	-34420.	-27.635		
395.732	12.219	-9.103	-.040	-.907	-34420.	-25.365		
469.336	10.986	-9.103	-.036	-.811	-34420.	-22.813		
469.837	10.936	-9.103	-.036	-.811	-34420.	-22.813		
481.259	10.797	-9.103	-.036	-.796	-34420.	-22.421		
481.260	10.797	-9.103	-.036	-.796	-34420.	-22.421		
492.632	10.608	-9.103	-.035	-.782	-34420.	-22.030		
492.633	10.608	-9.103	-.035	-.782	-34420.	-22.030		
527.700	10.025	-9.103	-.034	-.737	-34420.	-20.823		
577.275	9.291	-9.103	-.031	-.673	-34420.	-19.116		
577.276	9.291	-9.103	-.031	-.673	-34420.	-19.116		
659.500	7.532	-9.102	-.023	-.566	-34420.	-16.232		
733.919	6.513	-9.102	-.024	-.464	-34420.	-13.552		
733.920	6.513	-9.102	-.024	-.464	-34420.	-13.552		
748.916	6.347	-9.102	-.024	-.451	-34420.	-13.208		
748.919	6.347	-9.102	-.024	-.451	-34420.	-13.208		
758.917	6.161	-9.102	-.023	-.438	-34420.	-12.863		
758.918	6.160	-9.102	-.023	-.438	-34420.	-12.863		
791.504	5.639	-9.102	-.022	-.396	-34420.	-11.742		
857.500	4.541	-9.102	-.019	-.311	-34420.	-9.470		
923.400	3.446	-9.094	-.016	-.226	-34393.	-7.202		
989.400	2.360	-8.806	-.013	-.136	-33324.	-4.952		
1055.300	1.357	-7.715	-.009	-.047	-29154.	-2.662		
1121.300	.564	-5.455	-.005	.017	-20458.	-1.193		
1154.300	.239	-3.930	-.003	.030	-14579.	-.611		
1187.256	.106	-2.332	-.001	.023	-8746.	-.225		
1220.200	.014	-.838	-.000	.014	-3050.	-.029		
1253.200	.000	.000	.000	.000	0.	.000		
1286.200	.000	.000	.000	.000	0.	.000		
1319.173	.000	.000	.000	.000	0.	.000		

PREPARED *	*	UNIT INERTIA LOADS	PAGE NO. **3.2-203
CHECKED **	*		MODEL *****C-5A
APPROVED *	*	*** FUEL ***	REPORT NO.** IG1US54-12-
DATE *****11/03/68*			CASE ID *** F1020+

FUEL WT. 23562.5 LB.	DENSITY 6.500 LB./GAL.	ATTITUDE 8.000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583 B.L.	.000 W.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1106.583 B.L.	.000 W.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT. 10010.0	.0	.0	.0	.0	10473.0	1768.0	1306.5	

STA.	MYPD	MZPD	MXPS	MXPS100	MYPS100	MZPS100
.000	19.486	.201	3.464	-1.499	-3.095	-49.798
120.361	19.486	.201	2.933	-1.313	-2.715	-44.907
120.362	19.486	.201	2.933	-1.313	-2.715	-44.907
197.900	19.232	.116	2.463	-1.190	-2.463	-41.693
263.600	18.847	-.015	2.241	-1.104	-2.286	-39.024
329.800	18.799	-.027	2.068	-1.019	-2.111	-36.730
395.752	18.799	-.027	1.895	-.934	-1.934	-34.460
469.060	18.799	-.027	1.700	-.838	-1.736	-31.909
469.867	18.799	-.027	1.700	-.838	-1.736	-31.908
481.269	18.799	-.027	1.670	-.824	-1.706	-31.517
481.260	18.799	-.027	1.670	-.824	-1.706	-31.517
492.632	18.799	-.027	1.640	-.809	-1.676	-31.126
492.633	18.799	-.027	1.640	-.809	-1.676	-31.126
527.700	18.799	-.027	1.548	-.764	-1.582	-29.919
577.275	18.799	-.027	1.418	-.700	-1.450	-28.212
577.276	18.799	-.027	1.418	-.700	-1.450	-28.212
659.600	18.799	-.027	1.202	-.593	-1.230	-25.379
738.919	18.799	-.027	.994	-.491	-1.013	-22.649
738.920	18.799	-.027	.994	-.491	-1.013	-22.648
748.913	18.799	-.027	.967	-.478	-.991	-22.304
748.919	18.799	-.027	.967	-.478	-.991	-22.304
758.917	18.799	-.027	.941	-.465	-.964	-21.960
758.918	18.799	-.027	.941	-.465	-.964	-21.960
791.964	18.799	-.027	.856	-.423	-.877	-20.839
857.500	18.799	-.027	.632	-.333	-.701	-18.587
923.400	18.786	-.027	.509	-.253	-.525	-16.292
939.400	18.240	-.030	.331	-.156	-.344	-13.755
1055.500	16.078	-.035	.161	-.032	-.171	-10.574
1121.500	11.456	-.039	.040	-.021	-.045	-6.545
1154.500	8.267	-.037	.012	-.007	-.015	-4.540
1187.265	5.021	-.028	-.002	.000	.001	-2.607
1220.200	1.770	-.012	-.004	.002	.004	-.666
1253.200	.000	.000	.000	.000	.000	.000
1286.200	.000	.000	.000	.000	.000	.000
1319.173	.000	.000	.000	.000	.000	.000

PREPARED *	*	UNIT INERTIA LOADS	PAGE NO. ***3.2-204
CHECKED **	*		MODEL *****C-5A
APPROVED *	*	*** FUEL ***	REPORT NO. *IG1US54-12-
DATE *****1/08/63*			CASE 10 *** F10204

FUEL WT. 25562.5 LB.	DENSITY 6.500 LB./GAL.	ALTITUDE 8.000 DEG.
LOAD AXIS ORIGIN	F.S. 1126.583 3.L. .000	A.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1126.583 3.L. .000	A.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT. 10010.0	.0	.0	.0	.0	.0	10473.0	1763.0	1306.5

STA.	MZPSIDS	MYQR	MYPR	MZQG
.000	.000	-40.330	9.521	30.809
120.351	2.401	-35.420	9.502	25.913
120.352	2.401	-35.420	9.502	25.913
197.900	3.696	-32.327	9.354	22.974
263.800	4.433	-29.902	9.113	20.789
329.800	5.433	-27.627	9.095	18.532
395.752	6.580	-25.357	9.096	16.251
469.886	7.813	-22.806	9.096	13.710
469.987	7.813	-22.806	9.096	13.710
431.259	8.002	-22.414	9.096	13.318
431.260	8.002	-22.414	9.096	13.318
492.632	8.191	-22.023	9.096	12.927
492.633	8.191	-22.023	9.096	12.927
527.700	8.774	-20.816	9.096	11.720
577.275	9.598	-19.110	9.096	10.014
577.276	9.598	-19.110	9.096	10.013
659.800	10.957	-15.275	9.096	7.180
733.919	12.286	-13.547	9.097	4.450
738.920	12.286	-13.546	9.097	4.450
743.918	12.452	-13.202	9.097	4.106
748.919	12.452	-13.202	9.097	4.106
756.917	12.518	-12.858	9.097	3.761
758.918	12.518	-12.858	9.097	3.761
791.504	13.160	-11.737	9.097	2.640
857.500	14.257	-9.455	9.097	.363
923.400	15.340	-7.198	9.090	-1.392
969.400	15.379	-4.948	8.303	-3.854
1055.500	14.721	-2.359	7.712	-4.352
1121.300	10.892	-1.191	5.453	-4.262
1154.300	7.979	-.610	3.929	-3.318
1187.256	4.915	-.224	2.382	-2.157
1220.200	1.757	-.028	.838	-.809
1253.200	.000	.000	.000	.000
1286.200	.000	.000	.000	.000
1319.175	.000	.000	.000	.000

PREPARED *	*	UNIT INERTIA LOADS	PAGE NO. **3.2- 206
CHECKED **	*		MODEL *****C-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. *IG10S54-12-
DATE *****1/22/58*			CASE ID *** FIC204

FUEL WT. 33562.5 LB.	DENSITY 6.500 LB./GAL.	ALTITUDE 0.000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583 B.L.	.000 A.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1106.583 B.L.	.000 A.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT. 10010.0	.0	.0	.0	.0	10478.0	1763.0	1308.5	

SFA	MYTDD	MYTDD	MZTDD	MYTDS	SZPD	MXPD
.000	48.196	-25.331	.498	-5.466	-134261.	-105.465
120.361	40.585	-25.026	-.077	-4.704	-133079.	-89.357
120.362	40.585	-25.026	-.077	-4.704	-133079.	-89.357
197.900	35.893	-24.492	-.312	-4.123	-129314.	-79.173
263.300	32.112	-23.916	-.399	-3.610	-123914.	-70.817
329.800	28.530	-23.055	-.405	-3.156	-120252.	-62.741
395.732	25.112	-22.517	-.351	-2.794	-117464.	-54.905
469.886	21.412	-21.884	-.277	-2.390	-113857.	-46.319
469.887	21.412	-21.883	-.277	-2.390	-113857.	-46.319
481.259	20.845	-21.736	-.264	-2.329	-113303.	-45.002
481.260	20.852	-21.332	-.268	-2.212	-99786.	-44.910
492.632	20.341	-21.152	-.262	-2.150	-99012.	-43.796
492.633	20.341	-21.162	-.262	-2.150	-99012.	-43.796
527.700	13.764	-20.636	-.245	-1.957	-96626.	-40.364
577.275	16.611	-20.123	-.209	-1.723	-93683.	-35.635
577.276	16.611	-20.123	-.209	-1.723	-93683.	-35.635
639.500	13.231	-19.031	-.121	-1.353	-88625.	-28.127
733.919	10.179	-13.117	-.013	-1.044	-83989.	-21.268
733.920	10.179	-13.117	-.013	-1.044	-83989.	-21.268
748.918	9.794	-13.002	.001	-1.005	-83404.	-20.404
748.919	9.317	-16.253	-.006	-.832	-82269.	-20.260
758.917	9.521	-16.081	-.003	-.796	-81523.	-19.678
758.918	9.521	-16.081	-.008	-.798	-81523.	-19.678
791.504	8.658	-15.519	-.016	-.690	-89091.	-17.716
857.500	6.703	-14.772	-.025	-.510	-85773.	-13.920
923.700	4.931	-13.810	-.026	-.343	-81955.	-10.402
989.400	3.404	-12.575	-.024	-.193	-47221.	-7.118
1055.300	2.005	-10.853	-.018	-.065	-40398.	-4.199
1121.300	.902	-7.731	-.011	.024	-28583.	-1.838
1154.500	.511	-5.844	-.007	.044	-21193.	-1.067
1137.256	.234	-3.953	-.004	.046	-14103.	-.487
1220.200	.070	-2.033	-.001	.032	-6953.	-.144
1253.200	.017	-.354	-.000	.007	-1104.	-.035
1236.200	.005	-.135	-.000	.004	-547.	-.011
1319.173	.000	.000	.000	.000	0.	.000

PREPARED *	*	UNIT INERTIA LOADS	PAGE NO. **3.2-207
CHECKED **	*		MODEL *****0-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. *IG1US54-12-1
DATE *****11/08/68*			CASE ID *** FI0204

FUEL WT. 23062.5 LB.	DENSITY 6.500 LB./GAL.	ATTITUDE 8.000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583 B.L.	.000 A.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1106.583 B.L.	.000 A.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT. 10010.0	.0	.0	.0	.0	.0	10478.0	1753.0	1306.5

STG.	MYPD	MZPD	MXPS	MXPS100	MYPS100	MZPS100
.000	43.196	1.156	11.447	-4.310	-10.943	-130.106
120.361	43.044	.965	9.634	-3.739	-9.711	-113.602
120.362	43.044	.965	9.634	-3.739	-9.711	-113.602
197.900	47.566	.733	8.613	-3.391	-8.925	-102.371
263.600	46.814	.490	7.905	-3.120	-8.304	-93.948
329.300	45.980	.289	7.294	-2.868	-7.609	-85.029
395.752	45.316	.162	6.756	-2.623	-7.117	-76.673
469.066	44.388	.034	6.203	-2.356	-6.485	-67.480
469.067	44.388	.034	6.207	-2.356	-6.485	-67.480
481.259	44.246	.014	6.123	-2.315	-6.387	-66.070
481.260	43.073	.126	4.913	-2.086	-5.180	-65.770
492.632	42.830	.100	4.836	-2.050	-5.093	-64.489
492.633	42.830	.100	4.836	-2.050	-5.093	-64.489
527.700	42.082	.019	4.600	-1.938	-4.845	-60.538
577.275	41.203	-.063	4.297	-1.736	-4.505	-55.309
577.276	41.203	-.063	4.297	-1.736	-4.505	-55.309
659.600	39.428	-.104	3.838	-1.547	-3.959	-46.731
733.919	37.749	-.284	3.451	-1.328	-3.484	-38.981
733.920	37.749	-.284	3.451	-1.328	-3.484	-38.981
748.918	37.537	-.296	3.402	-1.301	-3.401	-38.004
748.919	32.775	.130	1.452	-.702	-1.453	-36.511
758.917	32.468	.118	1.407	-.681	-1.413	-35.737
758.918	32.468	.118	1.407	-.681	-1.413	-35.737
791.506	31.467	.076	1.259	-.613	-1.274	-33.215
857.000	30.060	.029	.976	-.481	-1.001	-28.673
923.000	28.282	-.013	.715	-.356	-.741	-24.194
989.400	25.940	-.043	.467	-.236	-.491	-19.676
1055.500	22.484	-.061	.245	-.126	-.283	-15.046
1121.500	16.213	-.070	.085	-.046	-.095	-9.655
1154.500	12.187	-.067	.042	-.023	-.049	-6.909
1187.256	8.245	-.056	.016	-.009	-.019	-4.448
1220.200	4.179	-.034	.004	-.003	-.005	-2.177
1253.200	.705	-.008	.002	-.001	-.003	-.338
1286.200	.362	-.005	.001	-.001	-.001	-.195
1319.173	.000	.000	.000	.000	.000	.000

PREPARED *	*	UNIT I PERFLA LOADS	PAGE NO. *3.2- 208
CHECKED **	*		MODEL *****C-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. *IG10S54-12-1
DATE *****11/08/68*			PAGE IT *** F1020*

FUEL WT. 23562.5 LB.	DENSITY 6.500 LB./GAL.	ALTITUDE 8.000 DEG.
LOAD AXIS ORIGIN	F.S. 1126.533 3.L.	.000 W.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1126.533 3.L.	.000 W.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT. 10010.0	.0	.0	.0	.0	10478.0	1768.0	1306.5	

STA.	WZPSLOS	MYGR	MYPR	WZPO
.000	.000	-104.725	24.641	30.034
120.361	7.450	-38.576	24.245	64.331
120.362	7.458	-38.576	24.245	64.331
197.900	11.675	-78.379	23.693	54.686
263.800	14.702	-70.032	23.131	46.901
329.800	17.450	-61.972	22.287	39.635
395.752	20.204	-54.157	21.769	32.338
469.886	22.976	-45.597	21.161	24.435
469.887	22.976	-45.597	21.161	24.435
481.259	23.401	-44.233	21.068	23.215
481.260	22.220	-44.438	20.861	23.577
492.032	22.489	-43.327	20.693	22.635
492.033	22.489	-43.327	20.693	22.635
527.700	23.317	-39.902	20.174	19.728
577.275	24.592	-35.136	19.674	15.512
577.276	24.592	-35.136	19.674	15.512
589.000	26.197	-27.700	18.604	9.096
733.919	27.570	-20.864	17.713	3.151
733.920	27.570	-20.864	17.713	3.151
748.916	27.743	-20.002	17.601	2.402
748.919	22.958	-20.256	16.231	4.027
768.917	22.947	-19.636	16.059	3.597
768.918	22.947	-19.636	16.059	3.597
791.634	22.909	-17.695	15.499	2.197
857.500	23.357	-13.901	14.753	-.352
923.400	23.291	-10.334	13.792	-3.409
989.400	22.536	-7.101	12.558	-5.458
1055.600	20.479	-4.193	10.847	-6.654
1121.600	15.311	-1.834	7.777	-5.393
1154.600	11.677	-1.065	5.342	-4.777
1137.256	8.010	-.486	3.961	-3.476
1220.200	4.109	-.143	2.033	-1.389
1253.200	.689	-.034	.353	-.319
1286.200	.357	-.011	.134	-.174
1319.173	.000	.000	.000	.000

PREPARED *	UNIT INERTIA LOADS	PAGE NO. **3.2- 209
CHECKED **		MODEL *****C-5A
APPROVED *	*** WING (FUEL INCLUDED) ***	REPORT NO. *IG1US54-12-1
DATE *****11/08/68*	SWEPT AXIS SYSTEM	CASE ID *** F10204

FUEL WT. 23562.5 LB.	DENSITY 6.500 LB./GAL.	ATTITUDE 8.000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583 B.L.	.000 W.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1106.583 B.L.	.000 W.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT. 10010.0	.0	.0	.0	.0	10478.0	1768.0	1306.5	

STA.	SXNX	SYNX	MXNX	MYNX	WZNX	WZNY
.000	-86411.	-28653.	-1.794	5.410	51.844	-14.863
120.361	-80352.	-26644.	-1.550	4.674	41.191	-11.350
120.362	-80352.	-26644.	-1.550	4.674	41.191	-11.350
197.900	-71737.	-23737.	-1.401	4.226	34.970	-9.607
263.000	-63130.	-20950.	-1.301	3.923	30.282	-8.463
329.000	-58676.	-19456.	-1.205	3.634	26.041	-6.952
395.752	-55814.	-18507.	-1.117	3.363	22.080	-5.606
469.886	-52825.	-17516.	-1.022	3.082	17.844	-4.131
469.887	-52825.	-17516.	-1.022	3.082	17.844	-4.131
481.259	-52366.	-17364.	-1.007	3.038	17.194	-3.976
481.260	-42009.	-13930.	-.701	2.113	17.225	-5.955
492.632	-41440.	-13741.	-.690	2.081	16.741	-5.764
492.633	-41440.	-13741.	-.690	2.081	16.741	-5.764
527.700	-39683.	-13159.	-.656	1.930	15.244	-5.203
577.275	-37736.	-12513.	-.613	1.848	13.219	-4.516
577.276	-36508.	-15742.	-.771	1.733	13.219	-4.516
659.000	-33598.	-14487.	-.583	1.585	10.054	-3.057
738.919	-31278.	-13487.	-.605	1.403	7.284	-1.824
738.920	-31278.	-13486.	-.605	1.403	7.284	-1.824
748.918	-30985.	-13360.	-.595	1.330	6.931	-1.630
748.919	-20933.	-9026.	-.196	.456	6.969	-3.309
758.917	-20566.	-8876.	-.191	.442	6.752	-3.193
758.918	-20566.	-8876.	-.191	.442	6.752	-3.193
791.504	-19457.	-8390.	-.171	.397	6.044	-2.660
857.500	-18032.	-7775.	-.134	.310	4.695	-2.252
923.600	-16496.	-7113.	-.098	.228	3.471	-1.667
989.600	-14745.	-6358.	-.064	.149	2.344	-1.123
1055.300	-12365.	-5340.	-.034	.078	1.364	-.665
1121.300	-8545.	-3685.	-.012	.023	.801	-.297
1154.300	-6242.	-2691.	-.006	.014	.336	-.175
1187.256	-4094.	-1763.	-.002	.005	.151	-.094
1220.200	-1987.	-857.	-.001	.001	.044	-.051
1253.200	-305.	-131.	-.000	.001	.010	-.016
1286.200	-149.	-64.	-.000	.000	.003	-.009
1319.173	0.	0.	-.000	.000	-.000	-.000

PREPARED *	*	UNIT INERTIA LOADS	PAGE NO. ***3.2- 210
CHECKED *	*		MODEL *****C-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. *IG1US54-12-
DATE *****11/08/68*		WING AXIS SYSTEM	CASE ID *** F1020+

FUEL WT. 23562.5 LB.	DENSITY 6.500 LB./GAL.	ATTITUDE 0.000 DEG.
LOAD AXIS ORIGIN	F.S. 1126.583 B.L.	.000 W.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1126.583 B.L.	.000 W.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT. 10010.1	.0	.0	.0	.0	.0	10473.0	1768.0	1306.5

STA.	SXNZ	MYNZ	WYNZ	SXTDD	SYTDD	SZTDD
.000	-91037.	-53.687	-2.209	-5068.	-1681.	64113.
120.361	-84654.	-42.670	-2.192	-3692.	-1224.	61966.
120.362	-84654.	-42.670	-2.192	-3692.	-1224.	61966.
197.900	-75578.	-36.216	-1.838	-2041.	-677.	58994.
263.800	-66563.	-31.407	-1.498	-441.	-146.	55730.
329.680	-61817.	-26.905	-1.597	346.	115.	52910.
395.752	-55802.	-22.722	-1.628	840.	276.	51052.
469.886	-55653.	-18.253	-1.648	1301.	431.	48948.
469.887	-55653.	-18.253	-1.648	1301.	431.	48948.
481.259	-55170.	-17.572	-1.638	1372.	455.	48625.
481.260	-44258.	-18.225	.231	261.	87.	46171.
492.632	-43656.	-17.704	.202	338.	112.	45685.
492.633	-43656.	-17.704	.202	338.	112.	45685.
527.700	-41806.	-16.107	.140	575.	191.	44137.
577.275	-39757.	-13.970	.126	834.	276.	42600.
577.276	-39757.	-13.928	-1.085	607.	348.	42600.
659.660	-36566.	-10.470	-1.185	1141.	492.	39716.
738.919	-34061.	-7.410	-1.209	1368.	590.	37343.
738.920	-34061.	-7.410	-1.209	1368.	590.	37343.
748.918	-33743.	-7.030	-1.201	1396.	602.	37044.
748.919	-22795.	-7.710	.279	-291.	-125.	30633.
758.917	-22418.	-7.456	.263	-263.	-114.	30253.
758.918	-22418.	-7.456	.263	-263.	-114.	30253.
791.564	-21139.	-6.632	.233	-173.	-75.	28945.
857.566	-19036.	-5.203	.209	-72.	-31.	27238.
923.400	-17965.	-3.847	.156	9.	4.	25223.
989.400	-16057.	-2.597	.103	62.	27.	22777.
1055.300	-13487.	-1.516	.071	25.	4.	19405.
1121.300	-9306.	-.689	.034	111.	48.	13654.
1164.300	-6797.	-.378	.027	106.	46.	10116.
1187.286	-4459.	-.176	.027	87.	38.	6747.
1220.200	-2164.	-.060	.029	52.	23.	3367.
1253.200	-332.	-.016	.010	11.	5.	550.
1286.200	-162.	-.006	.007	6.	3.	273.
1319.173	0.	-.000	.000	0.	0.	0.

PREPARED *	*	UNIT INERTIA LOADS	PAGE NO. **3.2- 2//
CHECKED **	*		MODEL ****C-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. *IGTUS54-12-1
DATE *****11/06/68*		SWEEP AXIS SYSTEM	CASE ID *** F1020+

FUEL WT. 23562.5 LB.	DENSITY 6.500 LB./GAL.	ALTITUDE 8.000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583 B.L.	.000 W.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1106.583 B.L.	.000 W.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT. 10010.0	.0	.0	.0	.0	10478.0	1768.0	1306.5	

STA.	MX TDD	MY TDD	MZ TDD	SX TDS	SY TDS	SZ TDS
.000	51.543	-2.312	.498	60854.	20179.	5340.
120.361	43.502	-2.243	-.077	58817.	19503.	3390.
120.362	43.502	-2.243	-.077	58817.	19503.	3390.
197.900	33.542	-2.193	-.312	55996.	18568.	2150.
263.300	34.567	-2.220	-.399	52898.	17540.	464.
329.300	30.707	-1.957	-.405	50221.	16653.	-364.
395.752	27.058	-1.846	-.361	48457.	16068.	-885.
469.886	23.138	-1.746	-.277	46460.	15406.	-1371.
469.887	23.138	-1.746	-.277	46460.	15406.	-1371.
481.259	22.538	-1.739	-.264	46154.	15304.	-1445.
481.260	22.609	-1.931	-.268	43825.	14532.	-275.
492.532	22.057	-1.890	-.262	43364.	14379.	-356.
492.533	22.057	-1.890	-.262	43364.	14379.	-356.
527.700	20.361	-1.786	-.245	41941.	13907.	-605.
577.275	18.077	-1.740	-.209	40435.	13403.	-873.
577.276	18.160	-.164	-.209	39119.	12667.	-373.
659.500	14.408	.001	-.121	36471.	11572.	-1242.
738.919	11.053	.073	-.013	34291.	14786.	-1469.
738.920	11.053	.073	-.013	34291.	14786.	-1469.
748.918	10.535	.071	.001	34017.	14667.	-1521.
748.919	10.910	-.508	-.006	28150.	12136.	317.
758.917	10.578	-.435	-.003	27731.	11979.	237.
758.918	10.578	-.435	-.003	27731.	11979.	237.
791.504	9.506	-.433	-.016	26573.	11460.	139.
857.500	7.465	-.334	-.025	25012.	10785.	73.
923.400	5.564	-.299	-.026	23162.	9987.	-9.
989.400	3.797	-.207	-.024	20916.	9013.	-68.
1055.300	2.249	-.162	-.013	17619.	7684.	-103.
1121.300	1.018	-.034	-.011	12539.	5406.	-121.
1154.300	.585	-.066	-.007	9239.	4005.	-115.
1187.258	.280	-.057	-.004	6196.	2672.	-95.
1220.200	.100	-.054	-.001	3092.	1333.	-57.
1253.200	.027	-.019	-.000	505.	218.	-12.
1286.200	.011	-.013	-.000	255.	110.	-7.
1319.173	-.000	.000	.000	0.	0.	-0.

PREPARED *	*	UNIT INERTIA LOADS	PAGE NO. **3.2-212
CHECKED **	*		MODEL *****C-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. *LG1US54-12-
DATE *****11/08/63*		SWEPT AXIS SYSTEM	CASE ID *** F10204

PREPARED *	*	UNIT INERTIA LOADS	PAGE NO. **3.2-205
CHECKED **	*		MODEL *****C-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. *LG1US54-12-
DATE *****11/08/63*			CASE ID *** F10204

FUEL WT. 23562.5 LB.	DENSITY 6.500 LB./GAL.	ATTITUDE 3.000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583 B.L.	.000 A.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1106.583 B.L.	.000 A.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT. 10010.1	.0	.0	.0	.0	10479.0	1783.0	1306.5	

STA.	SZHZ	FXHZ	MYHZ	MYRX	SZTDC	SXTDC
.000	-91037.	-51.844	24.753	5.699	64113.	-5340.
120.361	-84654.	-41.191	23.924	4.924	61956.	-3390.
120.362	-84654.	-41.191	23.924	4.924	61956.	-3390.
197.780	-75573.	-34.970	22.777	4.452	58994.	-2150.
263.630	-66563.	-30.282	21.517	4.133	55730.	-464.
329.600	-61817.	-26.041	20.428	3.820	52910.	364.
395.752	-58802.	-22.080	19.710	3.549	51052.	635.
469.660	-55653.	-17.844	18.896	3.247	48948.	1371.
469.687	-55653.	-17.844	18.896	3.247	48948.	1371.
481.259	-55170.	-17.194	18.774	3.201	48625.	1445.
481.260	-44258.	-17.226	17.826	2.226	46171.	275.
492.632	-43658.	-16.741	17.639	2.192	45685.	356.
492.633	-43658.	-16.741	17.639	2.192	45685.	356.
527.700	-41808.	-15.244	17.060	2.086	44187.	605.
577.275	-39757.	-13.219	16.447	1.947	42500.	873.
577.276	-39757.	-13.219	16.447	1.947	42500.	873.
659.600	-36584.	-10.034	15.334	1.726	39716.	1242.
738.919	-34061.	-7.284	14.418	1.523	37343.	1489.
738.920	-34061.	-7.284	14.418	1.523	37343.	1489.
748.918	-33743.	-6.931	14.302	1.503	37044.	1521.
748.919	-22795.	-6.969	11.336	.495	30658.	-317.
758.917	-22418.	-6.752	11.680	.481	30253.	-257.
758.918	-22418.	-6.752	11.680	.481	30253.	-257.
791.984	-21139.	-6.044	11.173	.432	28943.	-169.
857.500	-19636.	-4.625	10.516	.337	27255.	-73.
923.400	-17965.	-3.471	9.738	.248	25223.	9.
989.400	-16857.	-2.344	8.794	.162	22777.	63.
1055.300	-13437.	-1.364	7.492	.085	19406.	103.
1121.500	-9396.	-.601	5.272	.030	13654.	121.
1154.300	-6797.	-.336	3.905	.015	10116.	115.
1187.250	-4459.	-.151	2.605	.006	6747.	95.
1220.200	-2164.	-.044	1.300	.002	3367.	67.
1253.200	-332.	-.010	.212	.001	550.	12.
1286.200	-162.	-.003	.107	.000	273.	7.
1319.173	0.	.000	.000	.000	0	0

PREPARED *	UNIT INERTIA LOADS	PAGE NO. **3.2- 2/3
CHECKED **		MODEL *****C-5A
APPROVED *	*** WING (FUEL INCLUDED) ***	REPORT NO. *IG1US54-12-
DATE ****11/08/68*	GHEPT AXIS SYSTEM	CASE ID *** F10204

FUEL WT. 23562.5 LB.	DENSITY 6.500 LB./GAL.	ALTITUDE 8.000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583 B.L. .000	A.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1106.583 B.L. .000	A.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT. 10310.1	.0	.0	.0	.0	10478.1	1763.0	1305.5	

STA.	MZPD	SXPS	SYPS	AXPS	MYPS	WZPS
.000	.575	-42263.	127455.	11.047	3.057	33.608
120.361	.337	-41385.	126316.	9.266	2.665	28.276
120.362	.387	-41385.	126316.	9.266	2.665	28.275
197.900	.358	-40700.	122742.	8.282	2.371	25.034
263.300	.399	-39000.	117616.	7.628	2.109	22.513
329.300	.368	-37848.	114141.	7.039	1.946	19.766
395.752	.374	-36970.	111494.	6.531	1.772	17.140
469.336	.396	-35235.	108070.	6.017	1.577	14.280
469.337	.396	-35335.	103070.	6.017	1.577	14.280
481.259	.402	-35661.	107545.	5.939	1.546	13.657
481.250	.200	-31406.	94714.	4.726	1.356	16.309
492.632	.197	-31163.	93930.	4.652	1.335	15.900
492.633	.197	-31163.	93980.	4.652	1.335	15.900
527.700	.191	-30412.	91715.	4.426	1.267	14.677
577.275	.201	-29486.	88922.	4.142	1.162	13.093
577.276	.201	-37024.	36027.	4.125	1.517	13.093
659.500	.223	-35091.	91382.	3.613	1.315	9.690
738.919	.266	-33255.	77125.	3.274	1.122	6.694
738.920	.266	-33255.	77125.	3.274	1.122	6.694
743.918	.273	-33024.	75398.	3.232	1.096	6.339
743.919	.012	-24555.	57130.	1.333	.564	9.433
758.917	.009	-24350.	56495.	1.295	.549	9.139
758.918	.009	-24350.	56495.	1.295	.549	9.169
791.504	.002	-23397.	54262.	1.157	.496	8.278
857.500	-.004	-22083.	51215.	.895	.391	6.536
923.400	-.009	-20571.	47709.	.653	.291	4.939
989.400	-.011	-18697.	43362.	.425	.195	3.330
1055.300	-.008	-15995.	37096.	.221	.105	2.036
1121.300	-.005	-11317.	26247.	.076	.039	.931
1154.300	-.004	-9391.	19461.	.037	.020	.556
1137.256	-.002	-5584.	12951.	.013	.008	.304
1220.200	-.001	-2753.	6395.	.003	.003	.165
1253.200	-.001	-437.	1014.	.002	.001	.053
1236.200	-.000	-217.	503.	.001	.001	.031
1319.175	.000	0.	-0.	.000	.000	.000

PREPARED *	*	UNIT INERTIA LOADS				PAGE NO. **3.2-214	
CHECKED **	*					MODEL *****0-5A	
APPROVED *	*	*** WING (FUEL INCLUDED) ***				REPORT NO.*LG1US54-12-	
DATE *****11/08/68*		SWEPT AXIS SYSTEM				CASE ID *** F10204	
FUEL WT. 25662.5 LB.		DENSITY 6.500 LB./GAL.		ATTITUDE 8.000 DEG.			
LOAD AXIS ORIGIN		F.S. 1106.583	B.L.	.000	W.L.	350.250	
ROTATIONAL AXIS ORIGIN		F.S. 1106.583	B.L.	.000	W.L.	265.000	
TANK	1	2	3	4	5	6	7
WT. 10010.0	.0	.0	.0	.0	10472.0	1763.0	1306.5
STA.	AXPSID0	SYPSID0	4XPSID0	4YPSID0	4ZPSID0	4ZPSID0	
.000	147534.	+7331.	-.645	-11.749	-123.141	-14.587	
120.361	145819.	45577.	-.493	-10.394	-104.393	-12.310	
120.362	145819.	45577.	-.493	-10.394	-104.397	-12.310	
197.900	141310.	42741.	-.409	-9.538	-92.591	-10.359	
263.300	135157.	39441.	-.348	-8.364	-83.018	-9.599	
329.300	130794.	37502.	-.299	-8.210	-73.495	-8.765	
395.752	127562.	36131.	-.249	-7.581	-64.428	-7.971	
469.336	123473.	34534.	-.195	-6.396	-54.536	-7.133	
469.337	123473.	34534.	-.195	-6.396	-54.536	-7.133	
481.259	122849.	34239.	-.187	-6.791	-53.023	-6.988	
481.260	109246.	31145.	-.349	-5.573	-53.387	-4.544	
492.632	106359.	30325.	-.341	-5.484	-52.063	-4.441	
492.633	106359.	30325.	-.341	-5.484	-52.063	-4.441	
527.700	105622.	29837.	-.315	-5.200	-48.006	-4.087	
577.275	102330.	23652.	-.277	-4.339	-42.527	-3.518	
577.276	102694.	36237.	.144	-4.344	-42.527	-3.518	
659.500	97107.	33950.	.147	-4.243	-33.404	-3.541	
733.919	91911.	31837.	.152	-3.707	-25.174	-3.435	
733.920	91911.	31837.	.152	-3.707	-25.174	-3.435	
748.318	91235.	31627.	.152	-3.633	-24.143	-3.455	
748.319	69317.	24946.	-.367	-1.617	-25.044	-.334	
758.917	68473.	24623.	-.065	-1.569	-24.290	-.332	
758.918	68473.	24623.	-.065	-1.569	-24.290	-.332	
791.504	65722.	23570.	-.059	-1.413	-21.857	-.230	
857.500	62000.	22155.	-.045	-1.110	-17.209	-.117	
923.400	57696.	20563.	-.034	-.322	-12.362	-.052	
939.400	52380.	18635.	-.022	-.545	-8.794	-.024	
1056.500	44779.	15900.	-.011	-.291	-5.223	.031	
1121.500	31054.	11207.	-.004	-.106	-2.385	.029	
1154.500	23460.	8265.	-.002	-.054	-1.356	.045	
1187.256	15622.	5497.	-.001	-.022	-.649	.009	
1220.200	7718.	2701.	-.000	-.006	-.233	.095	
1255.200	1232.	426.	-.000	-.003	-.063	.036	
1286.200	513.	210.	-.000	-.001	-.027	.025	
1319.176	-0.	-0.	-.000	.000	.000	.000	

PREPARED *	*	UNIT INERTIA LOADS	PAGE NO. ** 3.2- 2/5
CHECKED **	*		MODEL ***** C-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. * LG1US54-12-
DATE ***** 11/03/68 *		SWEEP AXIS SYSTEM	CASE ID *** F10204

FUEL WT. 23362.5 LB.	DENSITY 6.500 LB./GAL.	ATTITUDE 8.000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583 B.L.	.000 W.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1106.583 B.L.	.000 W.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT. 10010.0	.0	.0	.0	.0	10473.0	1763.0	1306.5	

STA.	MXQR	MYQR	MXPR	MYPR	SXPR	SYPR
.000	-109.980	-1.061	-51.310	1.509	-107277.	-103117.
123.361	-92.974	-1.040	-43.257	1.502	-106813.	-100702.
123.362	-92.974	-1.040	-43.256	1.502	-106813.	-100702.
197.900	-82.275	-.907	-38.291	1.434	-104175.	-96696.
263.800	-73.558	-.673	-34.320	1.475	-100076.	-91899.
329.800	-65.044	-.744	-30.465	1.228	-97488.	-88069.
395.752	-56.799	-.776	-26.833	1.136	-95426.	-85427.
469.886	-47.774	-.797	-22.911	1.060	-92665.	-82295.
469.887	-47.774	-.797	-22.910	1.060	-92665.	-82295.
481.259	-46.394	-.785	-22.312	1.057	-92241.	-81315.
481.260	-47.313	1.494	-22.461	1.483	-80183.	-75231.
492.632	-46.130	1.455	-21.909	1.445	-79601.	-74526.
492.633	-46.130	1.455	-21.909	1.445	-79601.	-74526.
527.700	-42.494	1.373	-20.216	1.343	-77808.	-72353.
577.275	-37.518	1.353	-17.936	1.314	-75514.	-69921.
577.276	-37.494	-1.909	-17.982	-.248	-69150.	-76212.
659.600	-29.273	-2.070	-14.239	-.393	-65656.	-71561.
733.419	-21.809	-2.114	-10.893	-.444	-62339.	-67546.
738.920	-21.809	-2.114	-10.893	-.444	-62339.	-67546.
748.916	-20.877	-2.099	-10.476	-.440	-61921.	-67040.
748.919	-22.357	.637	-10.901	.488	-45042.	-52305.
758.917	-21.688	.636	-10.569	.465	-44516.	-52140.
758.918	-21.683	.636	-10.569	.465	-44516.	-52140.
791.504	-19.527	.595	-9.493	.414	-42602.	-49975.
857.500	-15.372	.344	-7.458	.366	-40430.	-47095.
923.400	-11.491	.424	-5.557	.292	-37722.	-43733.
989.400	-7.859	.293	-3.790	.192	-34343.	-39613.
1055.300	-4.657	.209	-2.247	.147	-29412.	-33815.
1121.300	-2.099	.109	-1.017	.091	-20841.	-23856.
1154.300	-1.198	.039	-.584	.064	-15456.	-17680.
1187.250	-.366	.037	-.260	.056	-10279.	-11780.
1220.200	-.197	.095	-.100	.034	-5052.	-5345.
1253.200	-.052	.035	-.027	.019	-798.	-942.
1286.200	-.022	.024	-.011	.013	-393.	-472.
1319.173	.000	.000	-.000	.000	0.	0.

PREPARED *	*	UNIT INERTIA LOADS	PAGE NO. **3.2- 2/6
CHECKED **	*		MODEL *****C-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. 4G1US54-12-1
DATE *****11/08/68*		SWEEP AXIS SYSTEM	CASE ID *** F1020+

FUEL WT. 23562.5 LB.	DENSITY 6.500 LB./GAL.	ALTITUDE 8.000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583 B.L.	.000 S.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1106.583 B.L.	.000 S.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT. 10010.0	.0	.0	.0	.0	.0	10478.0	1768.0	1308.5

STA.	WXPQ	WYPQ	WZPQ
.000	-7.537	9.036	37.049
120.361	-6.605	8.040	73.536
120.362	-6.605	8.040	73.536
127.930	-5.027	7.404	64.966
263.330	-5.575	5.900	57.830
329.300	-5.145	5.405	51.219
395.752	-4.729	5.930	44.633
469.386	-4.277	5.413	37.379
469.387	-4.277	5.413	37.379
481.259	-4.208	5.334	36.257
481.260	-3.510	4.261	35.961
492.532	-3.550	4.194	35.061
492.533	-3.550	4.194	35.060
527.700	-3.365	3.939	32.260
577.275	-3.113	3.714	23.294
577.276	-3.424	3.430	23.294
659.500	-2.988	3.023	22.422
738.919	-2.591	2.655	16.959
738.920	-2.591	2.655	16.959
743.915	-2.541	2.603	15.258
743.919	-1.222	1.061	15.494
758.917	-1.135	1.030	15.044
758.918	-1.135	1.030	15.044
791.534	-1.068	.927	13.555
857.500	-.838	.729	10.612
923.400	-.620	.540	7.925
939.400	-.411	.357	5.424
1058.300	-.220	.192	3.168
1121.300	-.080	.070	1.407
1154.300	-.041	.036	.775
1137.266	-.016	.014	.323
1220.230	-.004	.004	.055
1253.200	-.002	.002	.006
1266.200	-.001	.001	-.006
1319.175	.000	-.000	.000

PREPARED *	*	UNIT INERTIA LOADS	PAGE NO. **3.2- 217
CHECKED **	*		MODEL *****C-5A
APPROVED *	*	*** FUEL ***	REPORT NO. *LG1US54-12-1
DATE *****11/08/63*			CASE ID *** F10205

FUEL WT. 23582.5 LB.	DENSITY 6.500 LB./GAL.	ATTITUDE 25.000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583 B.L.	.000 H.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1106.583 B.L.	.000 H.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT. 10019.0	.0	.0	.0	.0	10478.0	1763.0	1306.5	

STA.	SZNZ	MXNZ	MYNZ	MYNX	SZTDD	SXTDD
.000	-23562.	-15.740	7.871	1.173	20387.	-2164.
120.361	-23562.	-12.904	7.871	.953	20387.	-2164.
120.362	-23562.	-12.904	7.871	.953	20387.	-2164.
197.000	-18922.	-11.234	7.354	.914	19047.	-1316.
263.300	-12483.	-10.191	6.537	.767	16931.	-108.
329.300	-11778.	-9.408	6.463	.709	16739.	17.
395.752	-11778.	-8.631	6.463	.649	16739.	17.
469.086	-11778.	-7.758	6.463	.581	16739.	17.
469.687	-11778.	-7.758	6.463	.581	16739.	17.
481.259	-11778.	-7.624	6.463	.571	16739.	17.
481.260	-11778.	-7.624	6.463	.571	16739.	17.
492.632	-11778.	-7.490	6.463	.560	16739.	17.
492.633	-11778.	-7.490	6.463	.560	16739.	17.
527.760	-11773.	-7.077	6.463	.528	16739.	17.
577.275	-11773.	-6.493	6.463	.483	16739.	17.
577.276	-11773.	-6.493	6.463	.483	16739.	17.
659.000	-11778.	-5.524	6.463	.408	16739.	17.
708.919	-11778.	-4.590	6.463	.335	16739.	17.
738.320	-11778.	-4.590	6.463	.335	16739.	17.
748.316	-11773.	-4.472	6.463	.326	16739.	17.
748.919	-11778.	-4.472	6.463	.326	16739.	17.
758.917	-11778.	-4.354	6.463	.317	16739.	17.
768.916	-11778.	-4.354	6.463	.317	16739.	17.
791.594	-11778.	-3.970	6.463	.287	16739.	17.
857.500	-11778.	-3.193	6.463	.227	16739.	17.
923.100	-11770.	-2.417	6.459	.167	16729.	17.
989.400	-11348.	-1.648	6.239	.106	16160.	25.
1055.300	-9751.	-.941	5.392	.051	13967.	+7.
1121.300	-5735.	-.385	3.770	.013	9765.	66.
1154.300	-4722.	-.195	2.677	.004	6934.	64.
1187.255	-2790.	-.071	1.601	-.000	4148.	+9.
1220.200	-958.	-.009	.556	-.001	1440.	20.
1253.200	0.	.000	.000	.000	0.	0.
1286.200	0.	.000	.000	.000	0.	0.
1319.173	0.	.000	.000	.000	0.	0.

PREPARED *	*	UNIT INERTIA LOADS	PAGE NO. **3.2- 2/8
CHECKED **	*		MODEL *****C-5A
APPROVED *	*	*** FUEL ***	REPORT NO. *IG1US54-12-
DATE *****1/06/68*			CASE ID *** F10305

FUEL WT. 23562.5 LB.	DENSITY 6.500 LB./GAL.	ALTITUDE 25.000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583 B.L.	.000 W.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1106.533 B.L.	.000 W.L. 255.000

TANK	1	2	3	4	5	6	7	8
WT. 10915.1	.0	.0	.0	.0	16479.0	1763.0	1300.5	

STA.	MXTD0	MYTD0	MZTD0	MYTOS	SZPD	MXPD
.000	19.636	-9.649	.425	-1.738	-40767.	-40.349
120.361	17.233	-9.669	.165	-1.548	-40767.	-35.462
120.362	17.233	-9.669	.165	-1.548	-40767.	-35.462
197.000	15.699	-9.525	.026	-1.331	-38797.	-32.373
263.800	14.509	-9.239	-.023	-1.097	-34926.	-29.928
329.800	13.403	-9.217	-.023	-.969	-34429.	-27.651
395.752	12.299	-9.217	-.021	-.813	-34429.	-25.380
469.866	11.058	-9.217	-.020	-.817	-34429.	-22.828
469.867	11.058	-9.217	-.020	-.817	-34429.	-22.628
481.259	10.867	-9.217	-.020	-.802	-34429.	-22.436
481.250	10.867	-9.217	-.020	-.802	-34429.	-22.436
492.632	10.677	-9.217	-.020	-.787	-34429.	-22.045
492.633	10.677	-9.217	-.020	-.787	-34429.	-22.045
527.700	10.090	-9.217	-.019	-.742	-34429.	-20.337
577.275	9.260	-9.217	-.013	-.677	-34429.	-19.130
577.276	9.260	-9.217	-.013	-.677	-34429.	-19.130
659.500	7.382	-9.217	-.017	-.570	-34429.	-16.236
735.019	6.554	-9.217	-.015	-.467	-34429.	-13.565
735.920	6.554	-9.217	-.015	-.467	-34429.	-13.565
748.216	6.387	-9.217	-.015	-.454	-34429.	-13.221
748.919	6.387	-9.217	-.015	-.454	-34429.	-13.221
753.917	6.219	-9.217	-.015	-.441	-34429.	-12.876
758.916	6.219	-9.217	-.015	-.441	-34429.	-12.876
791.504	5.674	-9.217	-.015	-.399	-34429.	-11.754
857.500	4.569	-9.217	-.013	-.313	-34429.	-9.482
923.436	3.466	-9.211	-.012	-.227	-34409.	-7.213
989.400	2.373	-8.916	-.011	-.137	-33548.	-4.962
1055.500	1.364	-7.751	-.009	-.047	-29009.	-2.872
1121.300	.566	-5.485	-.005	.017	-20557.	-1.196
1154.300	.289	-3.943	-.003	.030	-14624.	-.613
1157.256	.106	-2.337	-.001	.029	-8763.	-.225
1220.200	.014	-.838	-.000	.014	-3049.	-.029
1253.200	.000	.000	.000	.000	0.	.000
1286.200	.000	.000	.000	.000	0.	.000
1319.173	.000	.000	.000	.000	0.	.000

PREPARED *	*	UNIT INERTIA LOADS	PAGE NO. **3.2-2/9
CHECKED **	*		MODEL *****0-5A
APPROVED *	*	*** FUEL ***	REPORT NO. *IG1US54-12-
DATE *****11/08/68*			CASE ID *** F10205

FUEL WT. 20562.5 LB.	DENSITY 6.500 LB./GAL.	ATTITUDE 25.000 DEG.
LOAD AXIS ORIGIN	F.S. 1166.583 B.L.	.000 W.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1166.583 B.L.	.000 W.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT.	19010.0	.0	.0	.0	.0	10478.0	1758.0	1308.5

STA.	MYPD	MZPD	MXPS	MXPS100	MYPS100	MZPS100
.000	19.686	.247	3.475	-1.491	-3.050	-50.0+2
120.361	19.686	.247	2.834	-1.301	-2.670	-45.135
120.362	19.686	.247	2.834	-1.301	-2.670	-45.135
197.900	19.468	.154	2.451	-1.173	-2.425	-41.880
263.300	18.975	.001	2.234	-1.096	-2.257	-39.160
329.300	18.923	-.012	2.060	-1.011	-2.062	-36.663
395.732	18.923	-.012	1.885	-.925	-1.906	-34.592
469.886	18.923	-.012	1.688	-.829	-1.708	-32.040
469.837	18.923	-.012	1.688	-.829	-1.708	-32.040
481.259	18.923	-.012	1.658	-.814	-1.678	-31.648
481.260	18.923	-.012	1.658	-.814	-1.678	-31.648
492.532	18.923	-.012	1.627	-.799	-1.647	-31.257
492.533	18.923	-.012	1.627	-.799	-1.647	-31.257
527.700	18.923	-.012	1.534	-.754	-1.553	-30.049
577.275	18.923	-.012	1.403	-.689	-1.421	-28.343
577.276	18.923	-.012	1.403	-.689	-1.421	-28.343
659.600	18.923	-.012	1.184	-.592	-1.201	-25.508
738.919	18.923	-.012	.974	-.479	-.989	-22.777
738.920	18.923	-.012	.974	-.479	-.989	-22.777
748.918	18.923	-.012	.947	-.466	-.962	-22.433
748.919	18.923	-.012	.947	-.466	-.962	-22.433
758.917	18.923	-.012	.921	-.453	-.936	-22.089
758.918	18.923	-.012	.921	-.453	-.936	-22.089
791.504	18.923	-.012	.834	-.411	-.849	-20.967
857.500	18.923	-.012	.659	-.325	-.672	-18.695
923.400	18.913	-.012	.484	-.240	-.496	-16.420
989.400	18.362	-.016	.307	-.153	-.313	-13.873
1055.500	16.104	-.023	.148	-.075	-.157	-10.620
1121.500	11.515	-.037	.037	-.020	-.043	-6.679
1154.500	8.293	-.037	.011	-.007	-.014	-4.554
1187.256	5.031	-.028	-.002	.001	.001	-2.611
1220.200	1.770	-.012	-.004	.002	.004	-.666
1253.200	.000	.000	.000	.000	.000	.000
1286.200	.000	.000	.000	.000	.000	.000
1319.178	.000	.000	.000	.000	.000	.000

PREPARED *	*	UNIT INERTIA LOADS	PAGE NO. **3.2- 220
CHECKED **	*		MODEL ****C-5A
APPROVED *	*	*** FUEL ***	REPORT NO. *IG1US54-12-1
DATE *****11/02/68*			CASE ID *** F10205

FUEL WT. 23362.5 LB.	DENSITY 5.500 LB./GAL.	ATTITUDE 25.000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583	B.L. .000
ROTATIONAL AXIS ORIGIN	F.S. 1106.583	B.L. .000

TANK	1	2	3	4	5	6	7	8
WT. 10010.0	.0	.0	.0	.0	.0	10479.0	1768.0	1300.5

STA.	MZPSIDS	MXOR	MYPR	MZPO
.000	.000	-40.393	9.693	30.700
120.361	2.454	-35.466	9.673	25.794
120.362	2.454	-35.466	9.673	25.794
197.900	3.769	-32.355	9.506	22.849
263.800	4.466	-29.921	9.232	20.689
329.800	5.521	-27.645	9.212	18.434
395.752	6.625	-25.375	9.212	16.163
469.866	7.866	-22.823	9.212	13.611
469.867	7.866	-22.823	9.212	13.611
481.259	8.056	-22.431	9.212	13.219
481.260	8.056	-22.431	9.212	13.219
492.632	8.246	-22.040	9.212	12.828
492.635	8.246	-22.039	9.212	12.828
527.700	8.833	-20.832	9.212	11.620
577.275	9.663	-19.125	9.212	9.913
577.276	9.663	-19.125	9.212	9.913
659.600	11.041	-16.291	9.212	7.079
736.919	12.369	-13.560	9.212	4.348
738.920	12.369	-13.560	9.212	4.348
748.918	12.536	-13.216	9.212	4.004
748.919	12.536	-13.216	9.212	4.004
758.917	12.704	-12.872	9.212	3.660
758.918	12.704	-12.872	9.212	3.660
791.504	13.249	-11.750	9.212	2.538
857.500	14.354	-9.478	9.212	.266
923.400	15.447	-7.209	9.207	-1.992
989.400	15.989	-4.958	8.912	-3.954
1055.300	14.739	-2.860	7.748	-4.870
1121.300	10.949	-1.194	5.483	-4.289
1154.300	8.004	-.612	3.942	-3.330
1137.256	4.925	-.225	2.386	-2.162
1220.200	1.757	-.028	.837	-.809
1253.200	.000	.000	.000	.000
1286.200	.000	.000	.000	.000
1319.173	.000	.000	.000	.000

PREPARED *	*	UNIT INERTIA LOADS	PAGE NO. **3.2- 22/
CHECKED **	*		MODEL *****C-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. HG1054-12-1
DATE *****11/08/68*			CASE ID *** F10205

FUEL WT. 23362.5 LB.	DENSITY 6.500 LB./GAL.	ATTITUDE 25.000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583 B.L.	.000 A.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1106.583 B.L.	.000 A.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT. 10010.0	.0	.0	.0	.0	10470.0	1708.0	1300.5	

STA.	SZNZ	MXNZ	MYNZ	MYNX	SXTDZ	SXTDD
.000	-91037.	-51.896	24.923	5.654	64554.	-5457.
120.361	-84654.	-41.243	24.095	4.879	62408.	-4007.
120.362	-84654.	-41.243	24.095	4.879	62408.	-4007.
137.900	-76063.	-34.993	22.920	4.422	59365.	-2318.
253.800	-66593.	-30.286	21.566	4.121	55857.	-500.
329.800	-61817.	-26.044	20.471	3.818	53022.	337.
395.752	-55802.	-22.084	19.754	3.538	51164.	807.
469.866	-55653.	-17.847	18.942	3.237	49061.	1343.
469.887	-55653.	-17.847	18.942	3.237	49061.	1343.
481.259	-55170.	-17.196	18.817	3.190	48738.	1418.
481.260	-44258.	-17.230	17.870	2.216	46284.	248.
492.632	-43658.	-16.744	17.682	2.181	45798.	329.
492.633	-43658.	-16.744	17.682	2.181	45798.	329.
527.700	-41808.	-15.248	17.103	2.075	44296.	578.
577.275	-39757.	-13.223	16.491	1.937	42713.	851.
577.276	-39757.	-13.223	16.491	1.937	42713.	851.
659.500	-36588.	-10.087	15.378	1.715	39829.	1215.
738.919	-34061.	-7.287	14.461	1.517	37456.	1402.
738.920	-34061.	-7.287	14.461	1.517	37456.	1402.
748.918	-33743.	-6.934	14.346	1.492	37157.	1493.
748.919	-22795.	-6.973	11.879	.486	30766.	-344.
758.917	-22413.	-6.755	11.724	.471	30366.	-314.
758.918	-22413.	-6.755	11.724	.471	30366.	-314.
791.504	-21159.	-6.047	11.218	.421	29056.	-216.
857.500	-19036.	-4.699	10.560	.327	27351.	-105.
923.400	-17967.	-3.474	9.783	.237	25339.	-18.
989.400	-16064.	-2.347	8.837	.153	22866.	43.
1055.300	-15461.	-1.367	7.499	.080	19423.	91.
1121.300	-9539.	-.602	5.292	.029	13706.	119.
1154.300	-6812.	-.336	3.914	.015	10138.	115.
1137.255	-4464.	-.152	2.608	.006	6755.	95.
1220.200	-2164.	-.044	1.300	.002	3367.	57.
1253.200	-332.	-.010	.212	.001	550.	12.
1286.200	-152.	-.003	.107	.000	278.	7.
1319.173	0.	.000	.000	.000	0.	0.

PREPARED *	*	UNIT I INERTIA LOADS	PAGE NO. ***3.2- 222
CHECKED **	*		MODEL *****0-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. *IG10854-12-
DATE *****11/03/68*			CASE ID *** F10215

FUEL WT. 23562.5 LB.	DENSITY 6.500 LB./GAL.	ALTITUDE 25,000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583	B.L. .000
ROTATIONAL AXIS ORIGIN	F.S. 1106.583	B.L. .000

TANK	1	2	3	4	5	6	7	8
WT. 10010.	.0	.0	.0	.0	10470.	1763.0	1300.5	

STA.	MYTOD	MYTOD	MYTOD	MYTOD	MYTOD	MYTOD
.000	48.396	-25.532	7.554	-5.503	-134414.	-105.538
120.361	40.733	-25.208	-.035	-4.737	-133214.	-89.415
120.362	40.733	-25.208	-.035	-4.737	-133214.	-89.415
127.300	36.005	-24.652	-.283	-4.149	-129623.	-79.212
253.300	32.207	-24.032	-.378	-3.613	-123944.	-70.833
329.300	23.618	-23.170	-.385	-3.163	-120262.	-62.757
395.752	25.192	-22.631	-.343	-2.790	-117473.	-54.920
469.366	21.434	-21.998	-.261	-2.395	-113866.	-46.334
469.387	21.484	-21.998	-.261	-2.395	-113866.	-46.334
431.259	20.915	-21.901	-.248	-2.335	-113310.	-45.017
431.260	20.923	-21.447	-.252	-2.217	-99795.	-44.925
492.632	20.410	-21.276	-.247	-2.155	-99021.	-43.811
492.633	20.410	-21.276	-.247	-2.155	-99021.	-43.811
527.700	18.329	-20.750	-.230	-1.962	-96635.	-40.373
577.275	16.670	-20.238	-.195	-1.728	-93693.	-35.649
577.273	16.670	-20.237	-.195	-1.728	-93693.	-35.649
659.500	13.281	-19.146	-.110	-1.357	-88634.	-28.141
736.919	10.220	-18.232	-.004	-1.047	-83998.	-21.232
738.920	10.220	-18.232	-.004	-1.047	-83998.	-21.231
748.916	9.334	-18.117	.009	-1.006	-83414.	-20.417
748.919	9.657	-16.368	.003	-.835	-62278.	-20.293
756.917	9.560	-16.196	.000	-.801	-61532.	-19.691
756.916	9.560	-16.196	.000	-.801	-61532.	-19.691
791.604	8.593	-15.634	-.008	-.692	-59101.	-17.729
857.500	6.731	-14.837	-.019	-.512	-55752.	-13.933
923.400	5.012	-13.927	-.022	-.344	-51971.	-10.414
989.400	3.417	-12.635	-.022	-.194	-47245.	-7.127
1055.300	2.012	-10.839	-.013	-.065	-40333.	-4.208
1121.300	.904	-7.811	-.011	.024	-28083.	-1.591
1154.300	.511	-5.857	-.007	.044	-21238.	-1.056
1187.256	.235	-3.967	-.004	.046	-14121.	-.437
1220.236	.070	-2.033	-.001	.032	-6953.	-.144
1253.200	.017	-.354	-.000	.007	-1104.	-.035
1286.200	.005	-.135	-.000	.004	-547.	-.011
1319.173	.000	.000	.000	.000	0.	.000

PREPARED *	*	UNIT INERTIA LOADS	PAGE NO. **3.2- 223
CHECKED **	*		MODEL *****C-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO.*IG1US4-12-
DATE *****11/09/68*			CASE ID *** F10205

FUEL WT. 23562.5 LB.	DENSITY 6.500 LB./GAL.	ALTITUDE 25.000 DEG.
LOAD AXIS ORIGIN	F.S. 1126.593 B.L. .000	A.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1126.593 B.L. .000	A.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT. 10019.0	.0	.0	.0	.0	10473.0	1763.0	1300.5	

SIA.	MYPD	MZPD	MXPS	MXPSID0	MYPSID0	MZPSID0
.000	48.396	1.201	11.459	-4.302	-10.905	-130.350
120.361	48.245	1.210	9.630	-3.727	-9.665	-113.830
120.362	48.245	1.010	9.630	-3.727	-9.665	-113.830
197.900	47.754	.770	8.601	-3.379	-8.884	-103.058
263.800	46.942	.506	7.897	-3.112	-8.275	-94.083
329.800	46.104	.304	7.286	-2.859	-7.671	-85.161
393.752	45.440	.177	6.746	-2.614	-7.089	-76.805
469.936	44.513	.049	6.195	-2.346	-6.456	-67.611
469.937	44.513	.049	6.195	-2.346	-6.456	-67.611
431.259	44.371	.029	6.111	-2.305	-6.359	-66.201
481.260	43.197	.141	4.900	-2.076	-5.152	-65.902
492.632	42.955	.115	4.823	-2.040	-5.070	-64.620
492.633	42.955	.115	4.823	-2.040	-5.070	-64.620
527.730	42.206	.034	4.586	-1.928	-4.816	-60.668
577.275	41.327	-.048	4.281	-1.776	-4.477	-55.439
577.276	41.327	-.048	4.281	-1.776	-4.477	-55.439
659.300	39.552	-.179	3.321	-1.535	-3.930	-46.660
738.919	37.873	-.269	3.431	-1.316	-3.435	-39.110
738.920	37.873	-.269	3.431	-1.316	-3.435	-39.110
748.918	37.661	-.281	3.382	-1.282	-3.372	-38.133
748.919	32.900	.145	1.432	-.690	-1.429	-36.639
758.917	32.592	.133	1.386	-.669	-1.386	-35.865
758.918	32.592	.133	1.386	-.669	-1.386	-35.865
791.504	31.391	.091	1.237	-.601	-1.246	-33.343
857.500	30.135	.044	.953	-.463	-.972	-28.501
923.460	28.410	.022	.690	-.343	-.712	-24.323
939.460	25.062	-.030	.443	-.223	-.465	-19.795
1055.500	22.500	-.054	.231	-.119	-.269	-15.092
1121.500	18.272	-.069	.083	-.045	-.104	-9.699
1154.500	12.214	-.067	.041	-.023	-.048	-6.923
1167.256	8.255	-.056	.015	-.009	-.019	-4.453
1220.200	4.179	-.034	.004	-.003	-.005	-2.177
1253.200	.706	-.008	.002	-.001	-.003	-.338
1266.200	.362	-.005	.001	-.001	-.001	-.195
1319.175	.000	.000	.000	.000	.000	.000

FUEL WT. 23562.5 LB.	DENSITY 6.500 LB./GAL.	ATTITUDE 25.000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583	B.L. .000
ROTATIONAL AXIS ORIGIN	F.S. 1106.583	B.L. .000

TANK	1	2	3	4	5	6	7	8
WT.	10115.0	.0	.0	.0	.0	10472.0	1763.0	1300.5

SIA.	MZPSIOS	4XGR	MYPR	MZPT
.000	.000	-104.738	24.312	79.976
120.361	7.511	-33.622	24.415	64.207
120.362	7.512	-33.622	24.415	64.207
197.900	11.743	-76.407	23.946	54.561
263.000	14.735	-70.051	23.250	46.301
329.600	17.487	-61.991	22.404	39.587
395.752	20.243	-54.175	21.885	32.289
469.880	23.029	-45.614	21.277	24.336
469.887	23.029	-45.614	21.277	24.336
481.259	23.456	-44.300	21.184	23.116
481.260	22.275	-44.455	20.977	23.478
492.532	22.545	-43.344	20.809	22.535
492.533	22.545	-43.344	20.809	22.535
527.720	23.377	-39.918	20.290	19.628
577.275	24.657	-35.202	19.790	15.412
577.276	24.657	-35.202	19.790	15.411
659.000	26.271	-27.715	18.720	8.995
738.919	27.653	-20.378	17.829	3.049
738.920	27.653	-20.378	17.829	3.049
748.018	27.827	-20.016	17.716	2.300
748.919	23.043	-20.272	16.347	3.925
758.217	23.032	-19.670	16.175	3.495
758.918	23.032	-19.670	16.175	3.495
791.604	22.993	-17.709	15.614	2.005
837.500	23.453	-13.913	14.368	-.955
923.400	23.398	-10.396	13.909	-3.513
989.400	22.646	-7.110	12.667	-5.557
1055.300	20.497	-4.203	10.883	-6.681
1121.300	15.363	-1.338	7.308	-5.920
1134.300	11.702	-1.066	5.855	-4.739
1157.250	3.020	-.486	3.966	-3.480
1220.200	4.109	-.143	2.033	-1.889
1253.200	.639	-.034	.353	-.319
1230.200	.357	-.011	.134	-.174
1319.173	.000	.000	.000	.000

PREPARED *	*	UNIT INERTIA LOADS	PAGE NO. **3.2-225
CHRONIC **	*		MODEL *****C-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. *IG1054-12-
DATE *****11/03/68*		SWEPT AXIS SYSTEM	CASE ID *** F10205

FUEL WT. 23582.5 LB.	DENSITY 6.500 LB./GAL.	ALTITUDE 25.000 DEG.
LOAD AXIS ORIGIN	F.S. 1126.583 B.L. .000	A.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1126.583 B.L. .000	A.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT. 10510.1	.0	.0	.0	.0	18478.0	1763.0	1306.5	

STA.	SNX	SYNY	MXNX	MYNX	MZNX	MZNY
.000	-86411.	-28653.	-1.780	5.367	51.896	-15.034
126.351	-80352.	-26644.	-1.536	4.631	41.243	-11.520
126.352	-80352.	-26644.	-1.536	4.631	41.243	-11.520
197.900	-72198.	-23940.	-1.392	4.197	34.953	-9.666
263.300	-63203.	-20959.	-1.297	3.911	30.286	-8.507
329.300	-58676.	-19456.	-1.202	3.624	26.044	-6.996
395.732	-55814.	-18507.	-1.114	3.358	22.084	-5.649
469.386	-52825.	-17516.	-1.019	3.072	17.847	-4.225
469.387	-52825.	-17516.	-1.019	3.072	17.847	-4.225
481.259	-52366.	-17364.	-1.004	3.023	17.198	-4.020
481.260	-42009.	-13930.	-.697	2.103	17.230	-5.999
492.632	-41440.	-13741.	-.687	2.071	16.744	-5.808
492.633	-41440.	-13741.	-.687	2.071	16.744	-5.808
527.700	-39683.	-13159.	-.653	1.970	15.243	-5.246
577.275	-37736.	-12513.	-.610	1.838	13.223	-4.562
577.276	-36508.	-15742.	-.767	1.779	13.223	-4.562
659.500	-33598.	-14487.	-.679	1.675	10.887	-3.101
736.919	-31278.	-13487.	-.601	1.393	7.287	-1.867
736.920	-31278.	-13486.	-.601	1.393	7.287	-1.867
746.918	-30985.	-13360.	-.591	1.370	6.924	-1.724
746.919	-20933.	-9026.	-.192	.446	6.973	-3.352
753.917	-20586.	-9876.	-.196	.432	6.755	-3.241
758.918	-20586.	-9876.	-.196	.432	6.755	-3.241
791.304	-19457.	-8390.	-.167	.397	6.047	-2.903
857.500	-18032.	-7775.	-.129	.300	4.699	-2.295
923.400	-16499.	-7114.	-.094	.218	3.474	-1.711
939.400	-14751.	-6360.	-.060	.140	2.347	-1.182
1055.300	-12361.	-5330.	-.032	.074	1.367	-.686
1121.300	-3576.	-3693.	-.012	.027	.612	-.299
1154.300	-6255.	-2697.	-.006	.014	.306	-.175
1137.258	-4100.	-1763.	-.002	.005	.152	-.094
1220.200	-1937.	-857.	-.001	.001	.044	-.051
1253.200	-305.	-131.	-.000	.001	.010	-.016
1286.200	-149.	-64.	-.000	.000	.003	-.009
1319.173	0.	0.	-.000	.000	-.000	-.000

PREPARED *	*	UNIT INERTIA LOADS	PAGE NO. **3.2-226
CHECKED **	*		MODEL *****C-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. *IG1US54-12-
DATE *****11/03/68*		SWEPT AXIS SYSTEM	CASE ID *** F10205

FUEL WT. 23562.5 LB.	DENSITY 6.500 LB./GAL.	ALTITUDE 25.000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583 B.L.	.000 W.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1106.583 B.L.	.000 W.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT. 10000.0	.0	.0	.0	.0	.0	10473.0	1763.0	1306.5

STA.	SXNZ	SYNZ	SXZD	SYZD	SZTOD	
.000	-91037.	-53.990	-2.064	-5190.	-1717.	64554.
120.361	-84654.	-42.773	-2.046	-3803.	-1261.	62408.
120.362	-84654.	-42.773	-2.046	-3803.	-1261.	62408.
197.900	-73053.	-36.257	-1.839	-2200.	-729.	59365.
263.900	-66593.	-31.424	-1.458	-474.	-157.	55857.
329.900	-61817.	-26.922	-1.557	320.	106.	53022.
395.752	-58802.	-22.740	-1.588	914.	270.	51164.
469.385	-55653.	-18.270	-1.607	1275.	423.	49061.
469.387	-55653.	-18.270	-1.607	1275.	423.	49061.
481.259	-55170.	-17.539	-1.597	1346.	446.	48733.
481.260	-44258.	-18.242	.271	235.	78.	46284.
492.632	-43658.	-17.721	.242	312.	103.	45798.
492.633	-43658.	-17.721	.242	312.	103.	45798.
527.700	-41808.	-16.124	.181	549.	182.	44299.
577.375	-39757.	-13.987	.164	609.	268.	42713.
577.376	-39757.	-13.949	-1.047	731.	337.	42713.
659.550	-36538.	-10.491	-1.147	1115.	481.	39829.
738.919	-34061.	-7.431	-1.171	1343.	579.	37456.
738.920	-34061.	-7.431	-1.171	1343.	579.	37456.
748.916	-33743.	-7.050	-1.163	1371.	591.	37157.
748.919	-22795.	-7.730	.317	-316.	-136.	30763.
758.917	-22413.	-7.437	.302	-239.	-124.	30366.
758.918	-22413.	-7.437	.302	-239.	-124.	30366.
791.584	-21189.	-6.703	.272	-193.	-88.	29050.
857.500	-19636.	-5.223	.247	-97.	-42.	27351.
923.400	-17967.	-3.838	.195	-17.	-7.	25339.
989.400	-16064.	-2.616	.138	40.	17.	22383.
1055.500	-13461.	-1.627	.033	83.	36.	19423.
1121.500	-9339.	-.671	.036	109.	47.	13705.
1154.500	-6812.	-.378	.028	106.	46.	10133.
1167.356	-4464.	-.177	.027	87.	38.	6755.
1220.200	-2164.	-.060	.029	52.	23.	3367.
1253.200	-332.	-.016	.010	11.	5.	550.
1286.200	-162.	-.006	.007	6.	3.	273.
1319.173	0.	-.000	.000	0.	0.	0.

PREPARED *	*	UNIT INERTIA LOADS				PAGE NO. **3.2- 227	
CHECKED **	*					MODEL *****C-5A	
APPROVED *	*	*** WING (FUEL INCLUDED) ***				REPORT NO.*IG1US54-12-	
DATE *****1/03/63*		3-DEPT AXIS SYSTEM				CASE ID *** F10205	
FUEL WT. 23562.5 LB.		DENSITY 6.500 LB./GAL.		ALTITUDE 25,000 DEG.			
LOAD AXIS ORIGIN		F.S. 1126.583		B.L.	.000	A.L.	350,250
ROTATIONAL AXIS ORIGIN		F.S. 1126.583		B.L.	.000	A.L.	265,000
TANK	1	2	3	4	5	6	7
WT. 1000.0	.0	.0	.0	.0	.0	10476.0	1768.0
							1306.5
STA.	EXTD	MYTOD	MZTOD	SATDS	SYTDS	SZTDS	
.000	51.775	-2.375	.554	61273.	20316.	5457.	
120.361	43.679	-2.308	-.035	59236.	19642.	4007.	
120.362	43.679	-2.308	-.035	59236.	19642.	4007.	
197.930	38.678	-2.247	-.233	56348.	18685.	2318.	
263.300	34.686	-2.277	-.378	53019.	17560.	500.	
329.300	30.818	-2.014	-.385	50329.	16688.	-337.	
395.752	27.172	-1.903	-.343	48564.	16103.	-657.	
469.966	23.232	-1.804	-.261	46567.	15441.	-1343.	
469.967	23.232	-1.804	-.261	46567.	15441.	-1343.	
481.259	22.631	-1.797	-.248	46261.	15341.	-1413.	
481.260	22.702	-1.998	-.252	43932.	14567.	-248.	
492.532	22.149	-1.947	-.247	43471.	14414.	-329.	
492.535	22.149	-1.947	-.247	43471.	14414.	-329.	
527.700	20.449	-1.844	-.230	42048.	13943.	-578.	
577.275	18.159	-1.793	-.195	40542.	13440.	-851.	
577.276	18.246	-.214	-.195	39222.	12911.	-851.	
659.503	14.435	-.350	-.110	36574.	15770.	-1215.	
738.919	11.120	.022	-.004	34395.	14831.	-1462.	
738.920	11.120	.022	-.004	34395.	14831.	-1462.	
746.918	10.701	.020	.009	34120.	14712.	-1493.	
743.919	10.975	-.559	.003	28253.	12162.	344.	
753.917	10.642	-.536	.000	27884.	12023.	314.	
753.918	10.642	-.536	.000	27884.	12023.	314.	
791.584	9.567	-.434	-.008	26631.	11505.	216.	
857.580	7.513	-.435	-.019	25116.	10830.	165.	
923.460	5.609	-.350	-.022	23268.	10033.	18.	
959.460	3.830	-.254	-.022	21013.	9067.	-43.	
1053.300	2.267	-.175	-.018	17336.	7690.	-91.	
1121.300	1.021	-.036	-.011	12586.	5427.	-119.	
1154.300	.586	-.036	-.007	9309.	4014.	-115.	
1167.256	.260	-.057	-.004	6203.	2678.	-95.	
1220.200	.100	-.054	-.001	3092.	1333.	-57.	
1253.200	.027	-.019	-.000	515.	213.	-12.	
1286.200	.011	-.013	-.000	255.	110.	-7.	
1319.173	-.000	.000	.000	0.	0.	-0.	

PREPARED *	*	UNIT INERTIA LOADS	CASE NO. ***3.2-228
CHECKED **	**		MODEL *****C-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. *IG1054-12-
DATE *****11/08/66*		SWEEP AXIS SYSTEM	CASE ID *** F10205

FUEL WT. 23562.5 LB.	DENSITY 6.500 LB./GAL.	ATTITUDE 25.000 DEG.
LOAD AXIS ORIGIN	F.S. 1126.533	B.L. .000
ROTATIONAL AXIS ORIGIN	F.S. 1126.583	B.L. .000

TANK	1	2	3	4	5	6	7	8
WT. 10010.0	.0	.0	.0	.0	10478.0	1763.0	1306.5	

STA.	AXIDS	MYIDS	MZIDS	SZPD	MXPD	MYPD
.000	2.071	-4.487	-48.396	-134414.	-110.811	-1.140
120.361	1.270	-3.943	-40.733	-133214.	-93.627	-1.132
120.362	1.270	-3.943	-40.733	-133214.	-93.627	-1.132
137.910	.910	-3.644	-36.005	-129623.	-83.103	-1.044
263.336	.750	-3.460	-32.207	-123944.	-74.358	-.809
329.300	.653	-3.193	-28.618	-120262.	-65.827	-.875
395.762	.618	-2.952	-25.192	-117473.	-57.562	-.900
469.386	.618	-2.693	-21.484	-113666.	-48.512	-.913
469.637	.618	-2.693	-21.484	-113666.	-48.512	-.913
481.239	.619	-2.655	-20.915	-113313.	-47.129	-.900
481.250	.480	-2.247	-20.923	-99795.	-47.813	1.456
492.532	.472	-2.206	-20.410	-99021.	-46.623	1.419
492.633	.472	-2.208	-20.410	-99021.	-46.627	1.419
527.730	.451	-2.091	-18.829	-96635.	-42.984	1.338
577.275	.439	-1.944	-16.670	-93693.	-37.956	1.323
577.275	.606	-1.399	-16.670	-93693.	-37.963	-1.931
659.500	.598	-1.654	-13.231	-88634.	-29.726	-2.133
733.913	.625	-1.460	-10.220	-83998.	-22.241	-2.169
733.920	.625	-1.460	-10.220	-83998.	-22.240	-2.169
748.016	.629	-1.435	-9.834	-83414.	-21.386	-2.152
748.919	.282	-.647	-9.357	-62279.	-22.457	.784
758.917	.270	-.627	-9.560	-61532.	-21.763	.753
758.913	.270	-.627	-9.560	-61532.	-21.763	.753
781.574	.233	-.561	-3.593	-52101.	-19.605	.692
857.500	.167	-.437	-3.731	-35782.	-15.460	.642
923.400	.113	-.312	-5.012	-31971.	-11.366	.522
939.400	.065	-.206	-3.417	-47245.	-7.927	.584
1055.300	.028	-.109	-2.012	-40333.	-4.694	.256
1121.300	.005	-.040	-.904	-26683.	-2.183	.112
1154.300	.001	-.021	-.511	-21238.	-1.202	.089
1137.256	-.001	-.008	-.235	-14121.	-.563	.036
1220.200	-.001	-.002	-.070	-6953.	-.193	.095
1253.200	-.000	-.001	-.017	-1134.	-.053	.036
1266.200	-.000	-.000	-.005	-547.	-.022	.024
1319.173	.000	.000	-.000	0.	-.000	.000

PREPARED *	*	UNIT INERTIA LOADS			PAGE NO. *3.2-229	
CHECKED **	*				MODEL *****C-5A	
APPROVED *	*	*** WING (FUEL INCLUDED) ***			REPORT NO. *TG1US54-12-1	
DATE *****11/08/68*		SWEEP AXIS SYSTEM			CASE ID *** F10205	
FUEL WT. 20562.5 LB.		DENSITY 6.500 LB./GAL.		ALTITUDE 25.000 DEG.		
LOAD AXIS ORIGIN		F.S. 1126.583	B.L. .000	A.L. 350.250		
ROTATIONAL AXIS ORIGIN		F.S. 1126.583	B.L. .000	A.L. 265.000		
PAK 1	2	3	4	5	6	7
WT. 10010.0	.0	.0	.0	.0	10473.0	1728.0
						1306.5
SFA.	MZPS	SXPS	SYPS	WXPS	WYES	WZPS
.000	.608	-42305.	127583.	11.068	3.029	33.794
120.361	.415	-41927.	126444.	9.271	2.637	28.457
120.362	.415	-41927.	126444.	9.271	2.637	28.456
197.900	.367	-40797.	123035.	8.279	2.359	25.166
263.300	.406	-39010.	117645.	7.624	2.098	22.636
329.300	.377	-37851.	114150.	7.034	1.935	19.688
395.752	.382	-36973.	111503.	6.524	1.760	17.263
469.333	.404	-35833.	108079.	6.007	1.566	14.402
469.337	.404	-35833.	108079.	6.007	1.566	14.402
481.269	.410	-35664.	107554.	5.929	1.534	13.979
461.260	.208	-31409.	94723.	4.716	1.345	16.431
492.632	.204	-31166.	93989.	4.642	1.324	16.022
492.633	.204	-31166.	93989.	4.642	1.324	16.022
527.700	.196	-30415.	91724.	4.415	1.255	14.799
577.275	.207	-29460.	88931.	4.129	1.151	13.214
577.276	.207	-37067.	88036.	4.014	1.505	13.215
659.600	.229	-35094.	81390.	3.599	1.303	9.611
738.919	.271	-33259.	77133.	3.258	1.109	6.815
738.920	.271	-33259.	77133.	3.258	1.109	6.815
748.916	.278	-33027.	76597.	3.215	1.084	6.460
748.919	.016	-24659.	57132.	1.322	.552	9.604
758.917	.014	-24363.	56503.	1.278	.536	9.310
758.918	.014	-24363.	56503.	1.278	.536	9.310
791.504	.006	-23401.	54271.	1.139	.484	8.398
857.500	-.001	-22087.	51223.	.875	.378	6.707
923.400	-.006	-20578.	47724.	.631	.279	5.059
989.400	-.009	-18707.	43384.	.403	.184	3.491
1055.300	-.008	-16970.	37037.	.209	.049	2.094
1121.300	-.005	-11357.	26339.	.074	.039	.937
1154.300	-.004	-8409.	19502.	.036	.020	.557
1187.266	-.002	-5591.	12967.	.013	.008	.304
1220.200	-.001	-2753.	6385.	.003	.003	.165
1253.200	-.001	-437.	1014.	.002	.001	.053
1286.200	-.000	-217.	503.	.001	.001	.031
1319.173	.000	0.	-0.	.000	.000	.000

PREPARED *	*	UNIT INERTIA LOADS	PAGE NO. **3.2- 230
CHECKED **	*		MODEL *****C-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. *LG1US54-12-1
DATE *****11/05/58*		SWEPT AXIS SYSTEM	CASE ID *** F10205

FUEL WT. 23562.5 LB.	DENSITY 6.500 LB./GAL.	ALTITUDE 25,000 DEG.
LOAD AXIS ORIGIN	F.S. 1126.583	B.L. .000
ROTATIONAL AXIS ORIGIN	F.S. 1126.583	B.L. .000

TANK	1	2	3	4	5	6	7	8
WT. 10510.0	.0	.0	.0	.0	10479.0	1783.0	1306.5	

SFA.	EXPSIOD	SYPSIOD	MXPSIOD	MYPSIOD	MZPSIOD	MZPSIODS
.000	147900.	47485.	-.651	-11.705	-123.353	-14.502
120.361	146086.	45731.	-.496	-10.347	-104.500	-12.277
120.362	146086.	45731.	-.496	-10.347	-104.500	-12.277
197.950	141720.	42997.	-.411	-9.496	-92.713	-10.639
263.900	135225.	39484.	-.349	-8.834	-83.129	-9.571
329.300	130838.	37531.	-.300	-8.181	-73.803	-8.729
395.752	127506.	36150.	-.250	-7.551	-64.553	-7.929
469.566	123520.	34563.	-.195	-6.866	-54.839	-7.082
469.387	123520.	34563.	-.195	-6.866	-54.833	-7.082
481.259	122894.	34313.	-.187	-6.761	-53.129	-6.937
481.260	109291.	31174.	-.349	-5.543	-53.483	-4.492
492.632	108403.	30854.	-.341	-5.454	-52.164	-4.388
492.633	108403.	30854.	-.341	-5.454	-52.164	-4.388
527.710	105667.	29866.	-.315	-5.178	-48.114	-4.030
577.275	102574.	28681.	-.277	-4.908	-42.623	-3.456
577.273	102947.	36316.	.142	-4.814	-42.623	-3.456
659.630	97150.	33979.	.146	-4.217	-33.496	-3.470
738.919	91964.	31916.	.151	-3.675	-25.261	-3.405
738.920	91964.	31916.	.151	-3.675	-25.261	-3.405
743.913	91309.	31656.	.152	-3.607	-24.234	-3.375
743.919	69371.	24975.	-.067	-1.586	-25.170	-.253
753.917	68527.	24652.	-.065	-1.538	-24.376	-.250
753.918	68526.	24652.	-.065	-1.538	-24.376	-.250
791.564	65775.	23599.	-.059	-1.332	-21.941	-.195
857.576	62053.	22134.	-.045	-1.078	-17.229	-.024
923.400	57757.	20594.	-.033	-.790	-12.923	.048
939.400	52446.	18667.	-.021	-.515	-8.860	.074
1055.300	44727.	15986.	-.011	-.276	-5.261	.032
1121.300	31765.	11243.	-.004	-.104	-2.371	.034
1154.300	23516.	3503.	-.002	-.053	-1.359	.046
1187.250	15641.	5504.	-.001	-.021	-.650	.069
1220.200	7718.	2701.	-.000	-.006	-.223	.095
1253.200	1232.	426.	-.000	-.003	-.083	.036
1236.200	613.	210.	-.000	-.001	-.027	.025
1319.175	-0.	-0.	-.000	.000	.000	.000

PREPARED *	*	UNIT INERTIA LOADS	PAGE NO. ** 3.2-231
CHECKED **	*		MODEL ***** C-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. * IG1US54-12-
DATE *****11/03/68*		SWEPT AXIS SYSTEM	CASE ID *** F10205

FUEL WT. 23882.5 LB.	DENSITY 6.500 LB./GAL.	ATTITUDE 25.000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583 B.L.	.000 V.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1106.583 B.L.	.000 V.L. 285.000

TANK	1	2	3	4	5	6	7	8
WT. 10010.0	.0	.0	.0	.0	.0	10478.0	1768.0	1300.5

SFA.	MXQR	MYQR	WXPR	WYPR	SXPR	SYPR
.000	-110.099	-.904	-51.539	1.663	-107265.	-103573.
120.361	-93.074	-.882	-43.430	1.555	-106802.	-101163.
120.362	-93.074	-.882	-43.430	1.555	-106802.	-101163.
197.900	-82.343	-.790	-38.425	1.482	-104350.	-97146.
263.300	-73.615	-.562	-34.440	1.534	-100065.	-92029.
329.300	-65.100	-.634	-30.577	1.287	-97462.	-88178.
395.752	-56.855	-.665	-26.937	1.196	-95400.	-85537.
469.986	-47.828	-.687	-23.006	1.120	-92630.	-82405.
469.987	-47.828	-.687	-23.006	1.120	-92630.	-82405.
431.259	-46.448	-.675	-22.405	1.117	-92214.	-81925.
451.260	-47.357	1.604	-22.554	1.543	-80156.	-75341.
492.632	-46.184	1.566	-22.002	1.504	-79574.	-74636.
492.633	-46.184	1.566	-22.002	1.504	-79574.	-74636.
527.700	-42.547	1.483	-20.304	1.407	-77781.	-72403.
577.275	-37.572	1.464	-18.013	1.373	-76480.	-70031.
577.276	-37.557	-1.203	-18.069	-.106	-69124.	-76319.
639.300	-29.334	-1.964	-14.316	-.341	-65620.	-71668.
738.919	-21.870	-2.009	-10.960	-.392	-62303.	-67633.
738.920	-21.870	-2.009	-10.960	-.392	-62303.	-67633.
748.918	-20.938	-1.994	-10.542	-.388	-61885.	-67147.
748.919	-22.418	.792	-10.967	.539	-45006.	-52912.
758.917	-21.749	.761	-10.634	.517	-44480.	-52248.
758.918	-21.749	.761	-10.634	.517	-44480.	-52248.
791.504	-19.537	.700	-9.558	.465	-42765.	-50082.
837.500	-15.432	.650	-7.510	.417	-40391.	-47202.
923.400	-11.549	.530	-5.601	.333	-37091.	-43846.
989.400	-7.911	.390	-3.823	.238	-34321.	-39724.
1038.300	-4.688	.259	-2.264	.169	-29348.	-33805.
1121.300	-2.104	.113	-1.020	.083	-20912.	-23942.
1154.300	-1.200	.090	-.585	.064	-15430.	-17718.
1137.250	-.567	.087	-.260	.056	-10290.	-11794.
1220.200	-.197	.095	-.100	.054	-5051.	-5845.
1253.200	-.052	.035	-.027	.019	-796.	-942.
1280.200	-.022	.024	-.011	.010	-393.	-472.
1319.173	.000	.000	-.000	.000	0.	0.

PREPARED * * * * * UNIT I ERTIA LOADS PAGE NO. *3.2-232
 CHECKED ** * * * * * MODEL ****C-5A
 APPROVED * * * * * *** WING (F EL. INCLUDED) *** REPORT NO. 461054-12-1
 DATE ***11/02/68* SLEPT AXIS SYSTEM CASE ID *** F10205

FUEL WT. 23562.5 LB. DENSITY 6.500 LB./GAL. ALTITUDE 25.000 DEG.
 LOAD AXIS ORIGIN F.S. 1126.583 S.L. .000 .L.L. 350.250
 ROTATIONAL AXIS ORIGIN F.S. 1126.583 S.L. .000 .L.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT.	10010.0	.0	.0	.0	.0	10472.0	1768.0	1306.5

STA.	MXPO	MYPO	MZPO
.000	-7.510	8.997	80.988
120.361	-6.580	8.001	73.477
120.362	-6.580	8.001	73.477
197.900	-6.003	7.359	64.906
263.800	-5.558	6.875	57.756
329.800	-5.120	6.381	51.146
395.752	-4.712	5.906	44.562
460.886	-4.259	5.359	37.310
469.887	-4.259	5.359	37.310
481.259	-4.190	5.310	36.183
481.260	-3.592	4.237	35.892
492.632	-3.532	4.170	34.992
492.633	-3.532	4.170	34.992
527.700	-3.346	3.265	32.192
577.275	-3.095	3.690	28.223
577.276	-3.403	3.403	23.223
659.600	-2.966	3.001	22.359
735.919	-2.569	2.633	16.899
738.920	-2.569	2.633	16.899
742.918	-2.519	2.567	16.199
742.919	-1.199	1.639	15.434
758.917	-1.163	1.608	14.985
758.918	-1.163	1.608	14.985
791.504	-1.045	.906	13.497
857.500	-.815	.707	10.557
922.400	-.597	.518	7.872
989.400	-.389	.338	5.373
1055.300	-.208	.181	3.151
1121.300	-.073	.053	1.407
1154.300	-.040	.035	.776
1187.250	-.016	.014	.324
1220.200	-.004	.004	.055
1253.200	-.002	.002	.006
1286.200	-.001	.001	-.006
1319.173	.000	-.000	.000

PREPARED *	*	UNIT I TERTIA LOADS	PAGE NO. *13.2- 233
CHECKED **	*		MODEL ***K-5A
APPROVED *	*	*** FUEL ***	REPORT NO. *IG1US54-12-1
DATE *****11/03/68*			CASE ID *** F10301

FUEL WT. 47125.0 LB.	DENSITY 6.500 LB./GAL.	ALTITUDE -29.000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583	B.L. .000
ROTATIONAL AXIS ORIGIN	F.S. 1106.583	B.L. .000

TANK	1	2	3	4	5	6	7	8
WT.	21794.5	.0	.0	.0	.0	22256.0	1768.0	1306.5

STA.	SZHZ	MXHZ	MYHZ	MYXZ	SZTOD	SXTOD
.000	-47125.	-29.115	13.860	1.926	35897.	-5416.
120.361	-47125.	-23.443	13.860	1.486	35897.	-5416.
120.362	-47125.	-23.443	13.860	1.486	35897.	-5416.
197.900	-34086.	-20.390	12.870	1.375	33334.	-2608.
263.800	-24751.	-18.361	11.871	1.317	30743.	-742.
329.800	-23562.	-16.794	11.755	1.210	30446.	-507.
395.752	-23562.	-16.240	11.755	1.089	30446.	-507.
469.886	-23562.	-13.494	11.755	.954	30446.	-507.
469.887	-23562.	-13.494	11.755	.954	30446.	-507.
481.259	-23562.	-13.226	11.755	.933	30446.	-507.
481.260	-23562.	-13.226	11.755	.933	30446.	-507.
492.632	-23562.	-12.958	11.755	.912	30446.	-507.
492.633	-23562.	-12.958	11.755	.912	30446.	-507.
527.710	-23562.	-12.131	11.755	.848	30446.	-507.
577.275	-23562.	-10.963	11.755	.758	30446.	-507.
577.276	-23562.	-10.963	11.755	.753	30446.	-507.
659.000	-23562.	-9.023	11.755	.607	30446.	-507.
736.919	-23562.	-7.154	11.755	.462	30446.	-507.
736.920	-23562.	-7.154	11.755	.462	30446.	-507.
746.916	-23562.	-6.919	11.755	.444	30446.	-507.
746.919	-23562.	-6.919	11.755	.444	30446.	-507.
756.917	-23562.	-6.683	11.755	.425	30446.	-507.
756.918	-23562.	-6.683	11.755	.425	30446.	-507.
791.504	-23562.	-5.915	11.755	.366	30446.	-507.
857.500	-23562.	-4.360	11.755	.245	30446.	-507.
920.400	-21035.	-2.843	10.627	.142	27524.	-373.
989.400	-15200.	-1.647	7.922	.079	20519.	-128.
1055.300	-10019.	-.817	5.375	.033	13922.	10.
1121.300	-5631.	-.305	3.101	.012	8031.	53.
1154.300	-3762.	-.150	2.096	.005	5429.	55.
1187.256	-2121.	-.053	1.195	.001	3096.	40.
1220.200	-701.	-.007	.399	-.000	1033.	16.
1253.200	0.	.000	.000	.000	0.	0.
1286.200	0.	.000	.000	.000	0.	0.
1319.173	0.	.000	.000	.000	0.	0.

PREPARED *	*	UNIT INERTIA LOADS	PAGE NO. *3.2-234
CHECKED **	*		MODEL *****0-5A
APPROVED *	*	*** FUEL ***	REPORT NO. 4G1US54-12-1
DATE *****11/10/61*			CASE I *** F103u1

FUEL WT. 17,250 LB.	DENSITY 6.500 LB./GAL.	ALTITUDE -29,000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583 B.L.	.000 H.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1106.583 B.L.	.000 H.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT. 21794.4	.0	.0	.0	.0	22256.0	1768.0	1306.5	

STA.	MYTOD	NYTOD	MZTOD	MYTOS	SZPD	MXPD
.000	33.025	-15.861	1.422	-3.050	-75409.	-69.233
120.361	28.705	-15.911	.771	-2.725	-75409.	-60.208
120.362	28.704	-15.911	.771	-2.725	-75409.	-60.208
197.900	26.028	-15.664	.460	-2.330	-70044.	-54.541
263.800	23.915	-15.346	.349	-1.992	-64467.	-50.035
329.800	21.903	-15.315	.314	-1.816	-63626.	-45.877
395.752	19.895	-15.318	.280	-1.561	-63626.	-41.683
469.866	17.638	-15.321	.243	-1.435	-63626.	-36.969
469.867	17.638	-15.321	.243	-1.435	-63626.	-36.969
481.259	17.292	-15.321	.237	-1.458	-63626.	-36.246
481.260	17.292	-15.321	.237	-1.458	-63626.	-36.246
492.632	16.945	-15.322	.231	-1.432	-63626.	-35.523
492.633	16.945	-15.322	.231	-1.432	-63626.	-35.523
527.700	15.878	-15.323	.213	-1.349	-63626.	-33.293
577.275	14.360	-15.325	.188	-1.232	-63626.	-30.141
577.276	14.368	-15.325	.188	-1.232	-63626.	-30.141
659.600	11.862	-15.328	.147	-1.037	-63626.	-24.906
738.919	9.447	-15.331	.106	-.850	-63626.	-19.862
738.920	9.447	-15.331	.106	-.850	-63626.	-19.862
748.918	9.142	-15.332	.101	-.826	-63626.	-19.227
748.919	9.142	-15.332	.101	-.826	-63626.	-19.227
758.917	8.838	-15.332	.096	-.802	-63626.	-18.591
758.918	8.838	-15.332	.096	-.802	-63626.	-18.591
791.304	7.646	-15.333	.080	-.726	-63626.	-16.519
857.500	5.837	-15.336	.046	-.570	-63626.	-12.322
925.400	3.871	-14.027	.015	-.374	-57672.	-8.213
939.400	2.288	-10.759	-.002	-.174	-43219.	-4.377
1055.300	1.156	-7.500	-.006	-.047	-29501.	-2.478
1121.300	.446	-4.434	-.004	.010	-17145.	-.945
1134.300	.218	-3.032	-.003	.023	-11635.	-.469
1187.256	.077	-1.747	-.001	.021	-6658.	-.168
1220.200	.010	-.539	-.000	.010	-2232.	-.021
1255.200	.000	.000	.000	.000	0.	.000
1286.200	.000	.000	.000	.000	0.	.000
1319.172	.000	.000	.000	.000	0.	.000

PREPARED *	*	UNIT INERTIA LOADS	PAGE NO. **3.2-235
CHECKED **	*		MODEL *****C-5A
APPROVED *	*	*** FUEL ***	REPORT NO. *IG1US54-12-1
DATE *****11/02/68*			CASE ID *** F10001

FUEL WT. 47125.0 LB.	DENSITY 6.500 LB./GAL.	ALTITUDE -29.000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583 B.L.	.000 A.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1106.583 B.L.	.000 A.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT.	21794.5	.0	.0	.0	.0	22256.0	1788.0	1306.5

STA.	WYPD	MZPD	MXPS	MXPS100	MYPS100	MZPS100
0.000	33.025	.680	6.429	-2.380	-5.006	-85.174
120.361	33.025	.680	5.072	-2.045	-4.302	-76.098
120.362	33.025	.680	5.072	-2.045	-4.302	-76.098
197.900	32.624	.461	4.360	-1.869	-3.920	-70.210
263.800	32.027	.259	3.960	-1.733	-3.631	-65.467
329.800	31.944	.235	3.629	-1.581	-3.315	-61.229
395.752	31.944	.235	3.270	-1.425	-2.989	-57.033
469.836	31.944	.235	2.866	-1.250	-2.623	-52.316
469.887	31.944	.235	2.866	-1.250	-2.623	-52.316
481.259	31.944	.235	2.804	-1.223	-2.567	-51.592
481.260	31.944	.235	2.804	-1.223	-2.567	-51.592
492.632	31.944	.235	2.742	-1.196	-2.511	-50.869
492.633	31.944	.235	2.742	-1.196	-2.511	-50.869
527.700	31.944	.235	2.551	-1.113	-2.328	-48.637
577.275	31.944	.235	2.261	-.906	-2.093	-45.483
577.276	31.944	.235	2.261	-.906	-2.093	-45.483
659.500	31.944	.235	1.833	-.802	-1.587	-40.245
733.919	31.944	.235	1.401	-.614	-1.245	-35.198
733.920	31.944	.235	1.401	-.614	-1.245	-35.198
743.918	31.944	.235	1.347	-.591	-1.246	-34.562
743.919	31.944	.235	1.347	-.591	-1.246	-34.562
758.917	31.944	.235	1.293	-.567	-1.196	-33.926
758.918	31.944	.235	1.293	-.567	-1.196	-33.926
791.504	31.944	.235	1.115	-.490	-1.035	-31.853
857.500	31.944	.235	.756	-.334	-.710	-27.653
923.400	29.287	.176	.440	-.199	-.425	-22.232
989.400	22.590	.062	.239	-.112	-.211	-15.631
1055.300	15.642	-.007	.110	-.054	-.116	-9.975
1121.300	9.445	-.032	.034	-.018	-.039	-5.373
1154.300	6.484	-.031	.013	-.007	-.016	-3.500
1167.256	3.752	-.023	.002	-.001	-.003	-1.914
1220.200	1.271	-.009	-.001	.001	.001	-.610
1253.200	.000	.000	.000	.000	.000	.000
1286.200	.000	.000	.000	.000	.000	.000
1319.173	.000	.000	.000	.000	.000	.000

PREPARED * * * * * UNIT INERTIA LOADS PAGE NO. *3.2-236
 CHECKED * * * * * MODEL *****C-5A
 APPROVED * * * * * *** FUEL *** REPORT NO. *LG1US54-12-
 DATE *****1/30/68* CASE I. *** FIC301

FUEL WT. 47125.0 LB. DENSITY 6.500 LB./GAL. ALTITUDE -29.000 DEG.
 LOAD AXIS ORIGIN F.S. 1146.583 B.L. .000 W.L. 350.250
 ROTATIONAL AXIS ORIGIN F.S. 1146.583 B.L. .000 W.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT.	21794.0	.0	.0	.0	.0	22256.0	1766.0	1300.5

STA.	MZPSICS	MXPR	MYPR	MZPO
.000	.000	-69.314	15.941	53.372
120.361	4.321	-60.137	15.891	44.296
120.362	4.321	-60.137	15.891	44.296
197.900	6.597	-54.546	15.670	38.876
263.800	8.111	-50.120	15.382	34.739
329.800	10.041	-45.914	15.352	30.562
395.752	12.049	-41.715	15.349	26.366
469.866	14.306	-36.995	15.346	21.649
469.867	14.306	-36.995	15.346	21.649
481.259	14.652	-36.271	15.346	20.925
481.260	14.652	-36.271	15.346	20.925
492.632	14.999	-35.547	15.346	20.201
492.633	14.999	-35.547	15.346	20.201
527.700	16.066	-33.314	15.344	17.970
577.275	17.576	-30.158	15.342	14.815
577.276	17.576	-30.158	15.342	14.815
659.600	20.032	-24.917	15.339	9.573
738.919	22.497	-19.867	15.336	4.531
738.920	22.497	-19.867	15.336	4.531
748.918	22.801	-19.230	15.335	3.895
748.919	22.801	-19.230	15.335	3.895
758.917	23.106	-18.594	15.335	3.259
758.918	23.106	-18.594	15.335	3.259
791.504	24.098	-16.519	15.334	1.135
857.500	26.107	-12.318	15.331	-3.014
925.400	25.416	-8.205	14.019	-5.814
989.400	20.302	-4.871	10.754	-5.882
1055.300	14.692	-2.475	7.497	-5.022
1121.300	9.005	-.944	4.433	-3.439
1154.300	6.267	-.460	3.031	-2.562
1187.250	3.674	-.167	1.746	-1.579
1220.250	1.261	-.021	.589	-.568
1253.200	.000	.000	.000	.000
1286.200	.000	.000	.000	.000
1319.173	.000	.000	.000	.000

PREPARED *	*	UNIT INERTIA LOADS	PAGE NO. **3.2-237
CHECKED **	*		MODEL *****C-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. *IG1US54-12-1
DATE *****11/05/66*			CASE ID *** FI0301

FUEL WT. 47125.0 LB.	DENSITY 6.500 LB./GAL.	ATTITUDE -29.000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583	S.L. .000
ROTATIONAL AXIS ORIGIN	F.S. 1106.583	S.L. .000

TALE	2	3	4	5	6	7	8
WT. 21794.5	.0	.0	.0	.0	22256.0	1768.0	1306.5

STA.	SZHZ	MXHZ	MYHZ	MYX	SZTD	SXTDD
.000	-114500.	-05.271	30.912	6.407	80054.	-3709.
120.361	-108216.	-51.752	30.083	5.412	77918.	-7259.
120.362	-108216.	-51.752	30.083	5.412	77918.	-7259.
197.900	-91227.	-44.058	28.436	4.983	73652.	-3609.
263.800	-78860.	-38.456	26.901	4.671	69675.	-1134.
329.800	-73602.	-33.430	25.763	4.319	66720.	-187.
395.752	-70587.	-28.693	25.046	3.973	64871.	353.
462.686	-67438.	-23.583	24.234	3.609	62767.	819.
469.887	-67438.	-23.583	24.234	3.609	62767.	319.
481.259	-66954.	-22.799	24.109	3.553	62444.	894.
481.260	-56043.	-22.631	23.162	2.573	59991.	-276.
492.632	-55443.	-22.212	22.974	2.533	59504.	-195.
492.633	-55443.	-22.212	22.974	2.533	59504.	-195.
527.700	-53592.	-20.302	22.395	2.395	58006.	54.
577.275	-51541.	-17.693	21.783	2.211	56410.	327.
577.276	-51541.	-17.693	21.783	2.211	56410.	327.
659.600	-43372.	-13.587	20.669	1.914	53536.	691.
738.919	-45846.	-9.852	19.753	1.644	51162.	938.
738.920	-45846.	-9.852	19.753	1.644	51162.	938.
748.918	-45527.	-9.381	19.638	1.610	50863.	969.
748.919	-34580.	-9.420	17.171	.603	44474.	-358.
758.917	-34203.	-9.085	17.016	.579	44072.	-338.
758.918	-34203.	-9.085	17.016	.579	44072.	-338.
791.504	-32973.	-7.992	16.510	.500	42762.	-740.
857.500	-31421.	-5.866	15.652	.345	41057.	-629.
923.400	-27233.	-3.900	13.951	.212	36135.	-409.
980.400	-19916.	-2.347	10.520	.126	27247.	-110.
1055.300	-13729.	-1.243	7.482	.057	19375.	53.
1121.300	-0236.	-.522	4.622	.028	11972.	111.
1154.300	-5852.	-.291	3.333	.016	8633.	106.
1187.256	-3795.	-.133	2.201	.007	5702.	86.
1220.200	-1907.	-.042	1.143	.002	2961.	53.
1253.200	-332.	-.010	.212	.001	550.	12.
1286.200	-162.	-.003	.107	.000	275.	7.
1319.173	0.	.000	.000	.000	0.	0.

PREPARED *	*	UNIT INERTIA LOADS	PAGE NO. **3.2-238
CHECKED **	*		MODEL *****C-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. *IG10554-12-1
DATE *****11/05/65*			CASE ID *** F10301

FUEL WT. 47125.0 LB.	DENSITY 6.500 LB./GAL.	ALTITUDE -29.000 DEG.
LOAD AXIS ORIGIN	F.S. 1126.583 B.L.	.000 W.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1126.583 B.L.	.000 W.L. 265.000

PANK	1	2	3	4	5	6	7	8
WT. 21294.5	.0	.0	.0	.0	22256.0	1768.0	1306.5	

STA.	MYTDD	MYTDD	MZTDD	MYTDS	SZPD	MXPD
.000	61.735	-31.775	1.551	-6.325	-169056.	-134.422
120.361	52.205	-31.451	.571	-5.915	-167855.	-114.160
120.362	52.205	-31.451	.571	-5.915	-167855.	-114.160
197.900	46.334	-30.791	.151	-5.143	-160875.	-101.380
263.300	41.613	-30.140	-.006	-4.513	-153486.	-90.990
329.800	37.118	-29.263	-.049	-3.981	-149459.	-80.983
395.752	32.783	-28.731	-.041	-3.539	-146670.	-71.223
469.836	28.064	-28.101	.002	-3.264	-143063.	-60.476
469.867	28.064	-28.101	.002	-3.264	-143063.	-60.476
481.259	27.339	-28.005	.009	-2.991	-142510.	-58.327
481.260	27.347	-27.551	.005	-2.874	-128992.	-58.735
492.632	26.678	-27.380	.004	-2.799	-128218.	-57.290
492.633	26.673	-27.380	.004	-2.799	-128218.	-57.290
527.700	24.617	-26.856	.002	-2.570	-125832.	-52.834
577.275	21.778	-26.345	.011	-2.232	-122890.	-46.660
577.276	21.778	-26.345	.011	-2.232	-122890.	-46.659
659.600	17.261	-25.257	.054	-1.824	-117831.	-36.751
738.919	13.113	-24.347	.118	-1.430	-113195.	-27.579
738.920	13.113	-24.347	.118	-1.430	-113195.	-27.579
743.918	12.590	-24.232	.126	-1.380	-112611.	-26.423
743.919	12.613	-22.483	.119	-1.207	-91475.	-26.299
750.917	12.179	-22.311	.112	-1.163	-90729.	-25.405
755.916	12.179	-22.311	.112	-1.163	-90729.	-25.405
791.504	10.755	-21.751	.006	-1.019	-88290.	-22.493
857.500	7.999	-21.007	.041	-.763	-84979.	-16.773
920.400	5.416	-18.743	.005	-.491	-75234.	-11.413
989.400	3.332	-14.528	-.013	-.231	-57115.	-7.043
1055.300	1.804	-10.638	-.015	-.065	-40744.	-3.614
1121.300	.778	-6.760	-.010	.021	-25270.	-1.640
1154.300	.440	-4.946	-.007	.037	-18249.	-.925
1187.256	.206	-3.327	-.004	.039	-12015.	-.430
1220.200	.067	-1.785	-.001	.023	-6136.	-.137
1253.200	.017	-.354	-.000	.007	-1104.	-.035
1286.200	.005	-.185	-.000	.004	-547.	-.011
1319.175	.000	.000	.000	.000	0.	.000

PREPARED * CHECKED ** APPROVED * DATE *****11/08/03*	UNIT INERTIA LOADS *** WING (FUEL INCLUDED) ***	PAGE NO. *3.2- 239 MODEL *****C-5A REPORT NO. HG1US54-12-1 CASE ID *** FID301
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FUEL WT. -7125.0 LB. LOAD AXIS ORIGIN ROTATIONAL AXIS ORIGIN	DENSITY 6.500 LB./GAL. F.S. 1106.583 F.S. 1106.583	ALTITUDE -29,000 DEG. S.L. .000 S.L. .010 S.L. 265,000
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TANK	1	2	3	4	5	6	7	8
WT.	21794.5	.0	.0	.0	.0	22256.0	1768.0	1396.5

STA.	MYPD	MZPD	MXPS	MXPSDD	MYPSDD	MZPSDD
.000	61.735	1.635	14.412	-5.191	-12.361	-165.483
120.361	61.583	1.444	11.868	-4.471	-11.297	-144.793
120.362	61.583	1.444	11.868	-4.471	-11.297	-144.793
197.900	60.910	1.073	10.530	-4.070	-10.379	-131.339
263.800	59.993	.764	9.643	-3.749	-9.649	-120.390
324.800	59.125	.551	3.855	-3.430	-8.903	-109.527
395.752	53.461	.424	3.131	-3.114	-8.172	-99.246
469.886	57.533	.296	7.373	-2.768	-7.371	-87.887
469.887	57.533	.296	7.373	-2.768	-7.371	-87.887
481.259	57.391	.277	7.257	-2.713	-7.249	-86.148
481.250	56.218	.339	6.046	-2.433	-6.041	-85.846
492.632	55.975	.362	5.938	-2.437	-5.934	-84.232
492.633	55.975	.362	5.938	-2.437	-5.933	-84.232
527.700	55.227	.281	5.603	-2.283	-5.601	-79.256
577.275	54.348	.199	5.160	-2.083	-5.149	-72.580
577.276	54.348	.199	5.160	-2.083	-5.149	-72.580
659.600	52.573	.060	4.470	-1.755	-4.416	-61.597
738.919	50.894	-.022	3.859	-1.452	-3.741	-51.531
738.920	50.894	-.022	3.859	-1.452	-3.741	-51.531
748.918	50.682	-.033	3.781	-1.413	-3.696	-50.262
748.919	45.920	.393	1.832	-.314	-1.713	-48.768
758.917	45.613	.330	1.758	-.783	-1.647	-47.703
758.918	45.613	.330	1.758	-.783	-1.647	-47.702
791.504	44.612	.330	1.518	-.680	-1.432	-44.229
857.500	43.205	.291	1.050	-.477	-1.010	-37.759
923.400	38.763	.190	.646	-.302	-.641	-30.135
984.400	39.290	.048	.375	-.183	-.368	-21.552
1055.300	22.254	-.033	.193	-.093	-.208	-14.447
1121.300	14.202	-.064	.080	-.042	-.090	-8.397
1154.300	10.405	-.061	.043	-.024	-.060	-5.869
1187.256	6.976	-.050	.020	-.011	-.023	-3.756
1220.200	3.680	-.032	.007	-.004	-.008	-1.921
1253.200	.706	-.008	.002	-.001	-.003	-.388
1286.200	.362	-.005	.001	-.001	-.001	-.195
1319.173	.000	.000	.000	.000	.000	.000

PREPARED *	*	UNIT INERTIA LOADS	PAGE NO. **3.2-240
CHECKED **	*		MODEL *****C-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO.* LG1US54-12-
DATE *****11/06/68*			CASE ID *** F10301

FUEL WT. 47125.0 LB.	DENSITY 6.500 LB./GAL.	ALTITUDE -29.000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583	B.L. .000
ROTATIONAL AXIS ORIGIN	F.S. 1106.583	B.L. .000

TANK	1	2	3	4	5	6	7	8
WT.	21794.5	.0	.0	.0	.0	22256.0	1708.0	1306.5

STA.	MZPSIDS	MXDR	MYPR	MZPO
.000	.000	-133.708	31.061	102.643
120.301	9.378	-113.342	30.633	82.710
120.362	9.378	-113.342	30.633	82.709
197.900	14.576	-100.597	30.009	70.523
263.800	18.380	-90.250	29.400	60.851
329.800	22.007	-80.259	28.544	51.715
395.752	25.673	-70.515	28.023	42.492
469.886	29.469	-59.786	27.412	32.374
469.887	29.469	-59.786	27.412	32.374
481.259	30.052	-58.140	27.318	30.822
481.260	28.871	-58.295	27.111	31.184
492.632	29.297	-56.852	26.942	29.909
492.633	29.297	-56.852	26.942	29.909
527.700	30.610	-52.400	26.422	25.978
577.275	32.569	-46.234	25.920	20.314
577.276	32.569	-46.234	25.920	20.314
659.600	35.312	-36.340	24.847	11.494
738.919	37.781	-27.184	23.952	3.232
738.920	37.781	-27.184	23.952	3.232
748.918	38.092	-26.030	23.839	2.191
748.919	33.308	-26.286	22.470	3.316
758.917	33.434	-25.392	22.297	3.094
758.918	33.434	-25.392	22.297	3.094
791.504	33.847	-22.476	21.735	.742
857.500	33.207	-16.753	20.987	-4.234
923.400	33.367	-11.392	18.721	-7.329
989.400	26.958	-7.024	14.510	-7.486
1055.300	20.450	-3.808	10.632	-6.824
1121.500	13.424	-1.637	6.757	-5.120
1154.300	9.965	-.923	4.944	-4.021
1187.256	6.770	-.429	3.326	-2.898
1220.200	3.613	-.136	1.784	-1.648
1253.200	.689	-.034	.353	-.319
1286.200	.357	-.011	.184	-.174
1319.173	.000	.000	.000	.000

PREPARED *	*	UNIT INERTIA LOADS	PAGE NO. **3.2-241
CHECKED **	*		MODEL *****C-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. *IG1US4-12-1
DATE *****11/07/68*		SWEPT AXIS SYSTEM	CASE ID *** F10301

FUEL WT. 47125.0 LB.	DENSITY 6.500 LB./GAL.	ATTITUDE -29.000 DEG.
LOAD AXIS ORIGIN	F.S. 1116.583 B.L.	.000 A.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1116.583 B.L.	.000 A.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT.	21794.5	.0	.0	.0	.0	22256.0	1758.0	1306.5

STA.	SXNX	SYNX	MXNX	MYNX	MZNX	MZNY
.000	-105776.	-36069.	-2.017	6.082	85.271	-18.462
120.361	-102717.	-34060.	-1.793	5.137	51.762	-14.008
120.362	-102717.	-34060.	-1.793	5.137	51.762	-14.008
197.900	-86590.	-28712.	-1.558	4.729	44.058	-12.539
263.800	-74853.	-24820.	-1.470	4.433	38.456	-11.435
329.800	-69861.	-23165.	-1.359	4.099	33.430	-9.718
395.752	-67000.	-22216.	-1.252	3.776	28.693	-8.115
469.886	-64010.	-21225.	-1.136	3.426	23.583	-6.400
469.887	-64010.	-21225.	-1.136	3.426	23.583	-6.400
481.259	-63552.	-21073.	-1.118	3.372	22.799	-6.151
481.260	-53195.	-17639.	-.811	2.447	22.831	-8.130
492.632	-52625.	-17450.	-.797	2.405	22.212	-7.894
492.633	-52625.	-17450.	-.797	2.405	22.212	-7.894
527.700	-50869.	-16868.	-.754	2.273	20.302	-7.196
577.275	-43922.	-15222.	-.696	2.099	17.693	-6.318
577.276	-47329.	-20403.	-.876	2.031	17.693	-6.313
659.600	-44419.	-19153.	-.758	1.758	13.587	-4.438
738.919	-42099.	-18153.	-.651	1.509	9.852	-2.802
738.920	-42099.	-18153.	-.651	1.509	9.852	-2.802
748.918	-41807.	-18026.	-.637	1.478	9.381	-2.606
748.919	-31754.	-13692.	-.239	.554	9.420	-4.236
758.917	-31407.	-13542.	-.229	.532	9.085	-4.074
758.918	-31407.	-13542.	-.229	.532	9.085	-4.074
791.304	-30273.	-13056.	-.198	.459	7.992	-3.571
857.300	-28853.	-12441.	-.137	.317	5.866	-2.827
923.400	-25007.	-10783.	-.084	.195	3.900	-1.716
989.400	-18289.	-7886.	-.050	.116	2.347	-1.005
1055.300	-12607.	-5436.	-.026	.061	1.243	-.533
1121.300	-7563.	-3261.	-.011	.026	.522	-.219
1154.300	-5374.	-2317.	-.006	.014	.291	-.121
1187.256	-3485.	-1503.	-.003	.007	.133	-.065
1220.200	-1752.	-755.	-.001	.002	.042	-.042
1253.200	-305.	-131.	-.000	.001	.010	-.016
1286.200	-149.	-64.	-.000	.000	.003	-.009
1319.173	0.	0.	-.000	.000	-.000	-.000

PREPARED * CHECKED ** APPROVED * DATE *****11/06/68*	UNIT INERTIA LOADS *** WING (FUEL INCLUDED) *** SWEEP AXIS SYSTEM	PAGE NO. **3.2-242 MODEL *****C-5A REPORT NO. *LG1US54-12-1 CASE ID *** F10301
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FUEL WT. 47125.0 LB.	DENSITY 6.500 LB./GAL.	ALTITUDE -29.000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583 B.L. .000	A.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1106.583 B.L. .000	A.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT.	21794.5	.0	.0	.0	.0	22256.1	1766.0	1306.5

STA.	S2NZ	MXNZ	MYNZ	SKTDD	SYTDD	SZTDD
.000	-114600.	-67.764	-3.019	-8266.	-2741.	80064.
120.361	-106216.	-53.559	-3.002	-6890.	-2288.	77918.
120.362	-106216.	-53.559	-3.002	-6890.	-2288.	77918.
197.909	-91227.	-45.766	-1.965	-3426.	-1136.	73652.
253.300	-78860.	-40.100	-1.249	-1077.	-357.	69675.
329.390	-73602.	-34.790	-1.297	-177.	-59.	66729.
395.732	-70567.	-29.798	-1.328	316.	105.	64371.
469.386	-67438.	-24.399	-1.348	779.	258.	62767.
469.387	-67438.	-24.399	-1.348	779.	258.	62767.
481.259	-66954.	-23.576	-1.338	849.	281.	62444.
481.260	-66043.	-24.230	.531	-262.	-87.	59991.
492.632	-65443.	-23.567	.502	-135.	-61.	59504.
492.633	-65443.	-23.567	.502	-135.	-61.	59504.
527.700	-63592.	-21.535	.440	51.	17.	58006.
577.275	-61541.	-18.732	.428	311.	103.	56419.
577.276	-61541.	-18.748	-1.204	300.	130.	56419.
639.600	-48372.	-14.234	-1.304	634.	274.	53536.
736.919	-45846.	-10.156	-1.323	661.	371.	51162.
736.920	-45846.	-10.156	-1.323	661.	371.	51162.
748.916	-45527.	-9.647	-1.320	690.	384.	50863.
748.919	-34560.	-10.327	.160	-797.	-344.	44474.
758.917	-34203.	-9.955	.144	-770.	-332.	44072.
758.918	-34203.	-9.955	.144	-770.	-332.	44072.
791.304	-32973.	-8.753	.114	-679.	-293.	42762.
857.350	-31421.	-6.427	.090	-578.	-249.	41057.
923.400	-27233.	-4.261	.031	-375.	-162.	36135.
939.400	-19916.	-2.553	-.007	-101.	-44.	27247.
1055.350	-13729.	-1.332	-.003	49.	21.	19373.
1121.300	-8236.	-.566	-.005	102.	44.	11972.
1154.300	-5852.	-.315	-.004	97.	42.	8633.
1137.256	-3795.	-.143	.007	79.	34.	5702.
1220.200	-1907.	-.065	.022	49.	21.	2961.
1253.200	-332.	-.016	.010	11.	5.	550.
1236.200	-162.	-.006	.007	6.	3.	273.
1319.173	0.	-.000	.000	0.	0.	0.

PREPARED *	*	UNIT INERTIA LOADS				PAGE NO. **3.2- 243
CHECKED **	*					MODEL *****C-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***				REPORT NO. *IG1US54-12-1
DATE *****11/08/68*		SWEPT AXIS SYSTEM				CASE ID *** F10301
FUEL WT. 47125.0 LB.		DENSITY 6.500 LB./GAL.		ATTITUDE -29.000 DEG.		
LOAD AXIS ORIGIN		F.S. 1106.533	B.L. .000	W.L. 350.250		
ROTATIONAL AXIS ORIGIN		F.S. 1106.533	B.L. .000	A.L. 265.000		
TANK 1	2	3	4	5	6	7 8
WT. 21794.5	.0	.0	.0	.0	22256.0	1763.0 1306.5
STA.	EXTD	MYTOD	MYTOD	SXTDS	SYTDS	SZTDS
.000	65.361	-2.474	1.551	75995.	25196.	8709.
120.361	55.803	-2.435	.571	73958.	24524.	7259.
120.362	55.803	-2.435	.571	73958.	24524.	7259.
127.900	49.631	-2.431	.151	69909.	23131.	3609.
263.600	44.684	-2.541	-.006	66134.	21929.	1134.
329.600	39.865	-2.291	-.049	63337.	21002.	187.
395.752	35.267	-2.132	-.041	61574.	20417.	-333.
469.836	30.253	-2.085	.002	59577.	19755.	-819.
469.837	30.253	-2.085	.002	59577.	19755.	-819.
431.259	29.493	-2.079	.009	59271.	19654.	-894.
481.260	29.564	-2.271	.005	56942.	18881.	276.
492.632	23.846	-2.230	.004	56480.	18728.	195.
492.633	23.846	-2.230	.004	56480.	18728.	195.
527.700	25.641	-2.128	.002	55059.	18257.	-54.
577.275	23.635	-2.084	.011	53552.	17757.	-327.
577.276	23.727	-.024	.011	51209.	22339.	-327.
659.650	18.733	.137	.054	49150.	21197.	-691.
738.919	14.191	.206	.113	46931.	20257.	-933.
738.920	14.191	.206	.113	46931.	20257.	-933.
748.918	13.622	.204	.126	46706.	20139.	-969.
743.919	13.697	-.375	.119	40839.	17609.	863.
758.917	13.415	-.352	.112	40470.	17450.	838.
758.918	13.415	-.352	.112	40470.	17450.	838.
791.584	11.653	-.301	.086	39267.	16932.	740.
857.500	8.820	-.255	.041	37702.	16256.	629.
923.400	5.966	-.158	.005	33132.	14307.	409.
989.400	3.653	-.058	-.013	25020.	10758.	110.
1055.300	1.935	-.047	-.015	17794.	7673.	-53.
1121.300	.857	-.022	-.010	10994.	4749.	-111.
1154.300	.486	-.016	-.007	7927.	3418.	-106.
1187.256	.235	-.026	-.004	5236.	2258.	-86.
1220.200	.091	-.043	-.001	2719.	1172.	-53.
1253.200	.027	-.019	-.000	505.	216.	-12.
1286.200	.011	-.013	-.000	255.	110.	-7.
1319.173	-.000	.000	.000	0.	0.	-0.

PREPARED *	*	UNIT INERTIA LOADS				PAGE NO. **3.2- 244	
CHECKED **	*					MODEL *****C-5A	
APPROVED *	*	*** WING (FUEL INCLUDED) ***				REPORT NO. *LG1US54-12-	
DATE *****11/04/68*		SWEEP AXIS SYSTEM				PAGE ID *** F10301	
FUEL WT. 47125.0 LB.		DENSITY 6.500 LB./GAL.		ALTITUDE -29,000 DEG.			
LOAD AXIS ORIGIN		F.S. 1106.583		B.L. .000		W.L. 350,250	
ROTATIONAL AXIS ORIGIN		F.S. 1106.593		B.L. .000		W.L. 265,000	
TANK	1	2	3	4	5	6	7
WT.	21794.3	.0	.0	.0	.0	22256.0	1763.0
							1306.5
SIX.	MYTDS	MYTDS	MZTDS	SZPD	MYPD	MYPD	
.000	3.323	-5.092	-61.735	-169056.	-141,241	-1.142	
120.361	2.064	-4.411	-52.205	-167856.	-119,893	-1.144	
120.362	2.064	-4.411	-52.205	-167856.	-119,893	-1.144	
197.900	1.565	-4.242	-46.334	-160275.	-106,575	-.702	
263.300	1.345	-4.075	-41.613	-153486.	-95,775	-.254	
329.800	1.194	-3.755	-37.118	-149459.	-85,222	-.294	
395.752	1.100	-3.447	-32.788	-146670.	-74,931	-.320	
469.886	1.034	-3.113	-28.064	-143063.	-63,603	-.334	
469.887	1.034	-3.113	-28.064	-143063.	-63,603	-.334	
481.259	1.025	-3.064	-27.339	-142510.	-61,370	-.321	
481.260	.886	-2.856	-27.347	-128992.	-62,554	2.035	
492.032	.868	-2.605	-26.673	-128213.	-61,020	1.998	
492.633	.868	-2.605	-26.678	-128213.	-61,019	1.998	
527.700	.816	-2.453	-24.617	-125632.	-56,299	1.917	
577.275	.760	-2.256	-21.773	-122390.	-49,783	1.901	
577.276	.953	-2.132	-21.773	-122390.	-49,765	-2.428	
659.600	.863	-1.866	-17.261	-117331.	-38,903	-2.532	
738.919	.812	-1.585	-13.113	-113195.	-28,904	-2.619	
738.920	.812	-1.585	-13.113	-113195.	-28,904	-2.619	
743.918	.805	-1.550	-12.590	-112611.	-27,652	-2.603	
743.919	.459	-.753	-12.613	-91475.	-28,783	.333	
758.917	.437	-.732	-12.179	-90729.	-27,797	.302	
758.918	.437	-.732	-12.179	-90729.	-27,796	.302	
781.564	.368	-.635	-10.765	-83293.	-24,699	.241	
857.500	.237	-.446	-7.999	-84979.	-18,347	.190	
923.900	.126	-.281	-5.416	-75234.	-12,453	.054	
969.910	.059	-.159	-3.332	-57116.	-7,659	-.031	
1055.300	.022	-.091	-1.804	-40744.	-4,143	-.013	
1121.300	.006	-.039	-.773	-25270.	-1,780	-.014	
1154.300	.002	-.022	-.440	-13249.	-1,003	-.009	
1187.256	.000	-.010	-.206	-12015.	-.478	.023	
1220.200	-.000	-.003	-.067	-6136.	-.160	.072	
1253.250	-.000	-.001	-.017	-1104.	-.053	.035	
1256.200	-.000	-.000	-.005	-547.	-.022	.024	
1319.173	.000	.000	-.000	0.	-.000	.000	

PREPARED *	*	UNIT INERTIA LOADS	PAGE NO. **5.2- 245
CHECKED **	*		MODEL ****K-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. 4G10US54-12-1
DATE *****11/03/68*		SWEEP AXIS SYSTEM	CASE ID *** F10301

FUEL WT. 47125.0 LB.	DENSITY 6.500 LB./GAL.	ALTITUDE -29,000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583 B.L. .000	M.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1106.583 B.L. .000	M.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT.	2179.5	.0	.0	.0	.0	22256.0	1763.0	1306.5

STA.	MZPD	SYPS	SYPS	MYPS	MYPS	MZPS
.000	.688	-53203.	150465.	13.896	3.663	43.370
120.351	.365	-52631.	159325.	11.340	3.369	36.649
120.362	.365	-52631.	159325.	11.340	3.369	36.649
197.900	.449	-50633.	152699.	10.136	2.888	32.877
263.300	.542	-48308.	145685.	9.324	2.521	29.893
329.800	.511	-47040.	141863.	8.565	2.302	26.544
395.752	.504	-46163.	139216.	7.877	2.081	23.280
469.686	.513	-45027.	135793.	7.160	1.834	19.701
469.687	.513	-45027.	135792.	7.160	1.834	19.701
481.259	.517	-44853.	135267.	7.051	1.794	19.168
481.250	.314	-40599.	122437.	5.933	1.605	21.620
492.632	.309	-40355.	121702.	5.733	1.575	21.102
492.633	.309	-40355.	121702.	5.733	1.575	21.101
527.730	.297	-39604.	119437.	5.412	1.482	19.539
577.275	.298	-38673.	116644.	4.992	1.342	17.474
577.276	.298	-38658.	112846.	4.856	1.770	17.474
559.530	.300	-46655.	108201.	4.223	1.494	13.035
738.919	.325	-44819.	103944.	3.672	1.229	9.040
738.920	.325	-44819.	103944.	3.672	1.229	9.040
748.913	.329	-44588.	103408.	3.603	1.195	8.559
748.919	.068	-36219.	83999.	1.709	.663	11.703
758.917	.063	-35924.	83314.	1.639	.638	11.283
758.918	.063	-35924.	83314.	1.639	.638	11.283
791.504	.048	-34961.	81082.	1.413	.567	9.961
857.500	.026	-33647.	78034.	.975	.392	7.439
923.480	.006	-29789.	69086.	.595	.250	4.981
989.480	-.005	-22615.	52448.	.343	.153	3.003
1055.300	-.006	-16133.	37414.	.175	.082	1.630
1121.300	-.004	-10006.	23205.	.071	.036	.692
1154.300	-.003	-7226.	16758.	.039	.020	.389
1187.256	-.002	-4757.	11033.	.018	.010	.210
1220.200	-.001	-2430.	5635.	.006	.004	.138
1253.200	-.001	-437.	1014.	.002	.001	.053
1286.200	-.000	-217.	503.	.001	.001	.031
1319.173	.000	0.	-0.	.000	.000	.000

PREPARED *	UNIT INERTIA LOADS	PAGE NO. *3.2-246
CHECKED **		MODEL *****C-5A
APPROVED *	*** WING (FUEL INCLUDED) ***	REPORT NO. MG10US4-12-1
DATE *****11/03/58*	SWEPT AXIS SYSTEM	CASE ID *** F10301

FUEL WT. 47125.0 LB.	DENSITY 6.500 LB./GAL.	ALTITUDE -29,000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.533	S.L. .000
ROTATIONAL AXIS ORIGIN	F.S. 1106.533	S.L. .000

TANK	1	2	3	4	5	6	7	8
WT. 21721.5	.0	.0	.0	.0	22256.1	1713.0	1306.5	

STA.	6XPS100	5YPS100	4XPS100	4YPS100	4ZPS100	4ZPS100S
.000	135664.	51475.	-.879	-13.341	-156.785	-18.355
120.351	183849.	59721.	-.638	-12.130	-133.219	-15.556
120.352	183849.	59721.	-.638	-12.130	-133.219	-15.556
197.900	175380.	54059.	-.596	-11.133	-118.554	-13.458
263.300	167615.	49384.	-.522	-10.339	-106.726	-11.720
329.300	162365.	47218.	-.453	-9.530	-94.921	-10.574
395.752	159634.	45846.	-.384	-8.737	-83.586	-9.508
469.385	155548.	44250.	-.307	-7.868	-71.289	-8.363
469.837	155548.	44250.	-.307	-7.868	-71.289	-8.363
481.259	154921.	44005.	-.295	-7.735	-69.396	-8.171
481.260	141318.	40861.	-.458	-6.517	-69.755	-5.727
492.532	140431.	40540.	-.446	-6.399	-68.048	-5.577
492.533	140430.	40540.	-.446	-6.399	-68.047	-5.577
527.700	137694.	39553.	-.409	-6.036	-62.805	-5.078
577.275	134402.	38353.	-.356	-5.543	-55.651	-4.304
577.276	135185.	46357.	.126	-5.553	-55.651	-4.304
659.570	129593.	43020.	.137	-4.750	-43.633	-4.226
738.919	124202.	43958.	.148	-4.010	-32.614	-4.073
738.920	124202.	43958.	.148	-4.010	-32.614	-4.073
748.918	123547.	43698.	.150	-3.917	-31.236	-4.031
748.919	101509.	37015.	-.070	-1.895	-32.132	-.910
758.917	100764.	36693.	-.067	-1.422	-31.027	-.895
758.918	100764.	36693.	-.067	-1.422	-31.027	-.895
791.504	93013.	35641.	-.058	-1.585	-27.448	-.804
857.550	94291.	34225.	-.038	-1.116	-20.479	-.559
923.400	83393.	30154.	-.023	-.708	-13.899	-.436
989.400	63236.	22715.	-.014	-.429	-8.535	-.329
1035.570	45087.	15084.	-.007	-.230	-4.603	-.174
1121.500	27946.	9904.	-.003	-.099	-1.997	-.086
1154.500	20176.	7123.	-.002	-.056	-1.150	-.051
1137.256	13291.	4673.	-.001	-.026	-.545	.004
1220.200	6307.	2381.	-.000	-.009	-.211	.071
1253.200	1232.	426.	-.000	-.003	-.063	.036
1286.200	613.	210.	-.000	-.001	-.027	.025
1319.173	-0.	-0.	-.000	.000	.000	.000

PREPARED *	*	UNIT INERTIA LOADS				PAGE NO. **3.2-247		
CHECKED **	*					MODEL *****C-5A		
APPROVED *	*	*** WING (FUEL INCLUDED) ***				REPORT NO. *LG1US54-12-1		
DATE *****11/03/68*		SWEEP AXIS SYSTEM				PAGE 10 *** F10301		
FUEL WT. 47125.0 LB.		DENSITY 6.500 LB./GAL.		ALTITUDE -29.000 DEG.				
LOAD AXIS ORIGIN		F.S. 1106.583	B.L.	.000	A.L.	350.250		
ROTATIONAL AXIS ORIGIN		F.S. 1106.583	B.L.	.000	A.L.	265.000		
TANK	1	2	3	4	5	6	7	8
WT.	21794.5	.0	.0	.0	.0	22256.0	1763.0	1306.5
SFR.	MXOR	MYOR	MXPR	MYPR	SXPR	SYPR		
.000	-140.563	-.917	-65.636	1.796	-135285.	-129203.		
120.361	-119.117	-.936	-55.551	1.659	-134802.	-126788.		
120.362	-119.117	-.886	-55.550	1.659	-134802.	-126788.		
197.970	-105.832	-.456	-49.385	1.719	-129515.	-120543.		
263.900	-95.072	-.031	-44.451	1.839	-123756.	-114442.		
329.300	-84.535	-.066	-39.637	1.604	-120861.	-110378.		
395.752	-74.258	-.097	-35.044	1.510	-118799.	-107737.		
469.386	-62.943	-.117	-30.041	1.431	-116037.	-104604.		
469.387	-62.943	-.117	-30.041	1.431	-116037.	-104604.		
481.259	-61.218	-.105	-29.277	1.426	-115614.	-104124.		
481.250	-52.137	2.174	-29.426	1.853	-103555.	-97540.		
492.632	-60.604	2.136	-28.709	1.815	-102974.	-96836.		
492.633	-60.604	2.136	-28.708	1.815	-102974.	-96836.		
527.700	-55.887	2.053	-26.504	1.716	-101181.	-94662.		
577.275	-49.386	2.034	-23.501	1.680	-98887.	-92230.		
577.276	-49.375	-2.250	-23.559	-.366	-90588.	-100466.		
659.690	-33.531	-2.419	-13.575	-.514	-87004.	-95815.		
738.919	-28.542	-2.463	-14.035	-.568	-83687.	-91800.		
738.920	-28.542	-2.463	-14.034	-.568	-83687.	-91800.		
748.915	-27.292	-2.448	-13.467	-.565	-83269.	-91294.		
748.919	-26.771	.339	-13.892	.363	-66390.	-77059.		
753.917	-27.734	.307	-13.409	.340	-65860.	-76394.		
758.915	-27.734	.307	-13.409	.340	-65860.	-76394.		
791.504	-24.585	.247	-11.847	.237	-64150.	-74229.		
857.530	-18.329	.198	-8.812	.236	-61776.	-71349.		
923.400	-12.433	.063	-5.958	.138	-54778.	-62970.		
939.400	-7.639	-.024	-3.650	.051	-41660.	-47635.		
1055.300	-4.143	-.011	-1.983	.042	-29740.	-33927.		
1121.500	-1.777	-.013	-.855	.019	-18465.	-21000.		
1154.300	-1.001	-.009	-.485	.015	-13340.	-15183.		
1187.256	-.477	.023	-.235	.024	-8776.	-9993.		
1220.200	-.179	.072	-.091	.042	-4462.	-5149.		
1253.200	-.052	.035	-.027	.019	-792.	-942.		
1286.200	-.022	.024	-.011	.013	-390.	-472.		
1319.173	.000	.000	-.000	.000	0.	0.		

PREPARED *	*	UNIT INERTIA LOADS	PAGE NO. **3.2-262
CREATED **	*		MODEL *****0-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. *IG1US54-12-
DATE *****/**/68*		SWEPT AXIS SYSTEM	CASE ID *** F10302

FUEL WT. 17125.0 LB.	DENSITY 6.500 LB./GAL.	ALTITUDE -12,000 DEG.
LOAD AXIS ORIGIN	F.S. 116.583	B.L. .000
ROTATIONAL AXIS ORIGIN	F.S. 116.583	B.L. .000

TANK	1	2	3	4	5	6	7	8
WT.	21794.5	.0	.0	.0	.0	22256.0	1758.0	1398.5

STA.	SXPSIOD	SYPSIOD	XPSPIOD	YPSIOD	ZXPSIOD	MZPSIODS
.000	188369.	61587.	-.896	-13.970	-158.226	-18.433
120.301	184554.	59833.	-.703	-12.253	-134.570	-15.606
120.302	184554.	59833.	-.703	-12.253	-134.570	-15.606
197.900	176716.	54314.	-.610	-11.244	-119.831	-13.514
263.800	168207.	49494.	-.536	-10.452	-107.958	-11.765
329.800	163450.	47323.	-.467	-9.641	-96.172	-10.616
395.752	160218.	45951.	-.397	-8.844	-84.837	-9.546
469.800	156132.	44355.	-.320	-7.972	-72.324	-8.397
469.887	156132.	44355.	-.320	-7.972	-72.394	-8.397
481.259	155505.	44110.	-.308	-7.838	-70.425	-8.205
481.260	141902.	40966.	-.470	-6.620	-70.653	-5.761
492.632	141015.	40645.	-.459	-6.502	-69.139	-5.610
492.633	141015.	40645.	-.459	-6.502	-69.139	-5.610
527.700	138278.	39658.	-.422	-6.138	-63.675	-5.110
577.275	134986.	38473.	-.369	-5.642	-56.690	-4.333
577.276	135772.	48508.	.122	-5.653	-56.690	-4.333
659.800	129905.	46171.	.133	-4.846	-44.620	-4.253
738.919	124788.	44109.	.144	-4.102	-33.550	-4.102
738.920	124788.	44109.	.144	-4.102	-33.550	-4.102
748.916	124133.	43849.	.146	-4.009	-32.106	-4.061
748.919	102195.	37167.	-.073	-1.937	-33.062	-.939
758.917	101351.	36844.	-.071	-1.914	-31.950	-.925
758.918	101351.	36844.	-.071	-1.914	-31.950	-.925
791.504	98600.	35792.	-.062	-1.675	-28.320	-.333
857.500	94877.	34376.	-.042	-1.203	-21.339	-.589
923.400	84481.	30504.	-.027	-.784	-14.720	-.448
989.400	85480.	23487.	-.017	-.490	-9.258	-.295
1035.300	48186.	17170.	-.009	-.255	-5.112	-.100
1121.300	31157.	11033.	-.004	-.106	-2.387	.002
1154.300	22979.	8113.	-.002	-.056	-1.322	.027
1187.250	15293.	5381.	-.001	-.023	-.635	.060
1220.200	7805.	2661.	-.000	-.007	-.230	.092
1253.200	1232.	426.	-.000	-.003	-.083	.030
1285.200	613.	210.	-.000	-.001	-.027	.025
1319.173	-0.	-0.	-.000	.000	.000	.000

PREPARED *	*	UNIT INERTIA LOADS				PAGE NO. **3.2-263		
CHECKED **	*					MODEL *****C-5A		
APPROVED *	*	*** WING (FUEL INCLUDED) ***				REPORT NO. *IG1US54-12-		
DATE *****11/06/68*		SWEPT AXIS SYSTEM				CASE ID. *** F10302		
FUEL WT. 47125.0 LB.		DENSITY 6.500 LB./GAL.		ATTITUDE -12.000 DEG.				
LOAD AXIS ORIGIN		F.S. 1106.583	B.L.	.000	A.L.	350.250		
ROTATIONAL AXIS ORIGIN		F.S. 1106.583	B.L.	.000	A.L.	265.000		
TANK	1	2	3	4	5	6	7	8
WT. 21794.5	.0	.0	.0	.0	22256.0	1748.0	1300.5	
STA.	MXGR	MYGR	MXPR	MYPR	STPR	STPR	STPR	STPR
.000	-141.859	-.809	-66.261	1.843	-135746.	-129736.		
120.361	-120.334	-.779	-56.131	1.707	-135284.	-127321.		
120.362	-120.334	-.779	-56.131	1.707	-135284.	-127321.		
197.900	-106.981	-.363	-49.930	1.755	-130113.	-121141.		
263.000	-96.179	.067	-44.977	1.881	-124201.	-114336.		
329.000	-85.605	.032	-40.148	1.647	-121301.	-110766.		
395.752	-75.291	.001	-35.539	1.553	-119239.	-108125.		
469.086	-65.939	-.019	-30.518	1.475	-116477.	-104993.		
469.887	-63.939	-.019	-30.518	1.475	-116477.	-104993.		
481.289	-62.203	-.008	-29.751	1.471	-116053.	-104512.		
481.260	-63.122	2.271	-29.900	1.897	-103995.	-97929.		
492.632	-61.582	2.233	-29.180	1.858	-103413.	-97224.		
492.633	-61.582	2.233	-29.180	1.853	-103413.	-97224.		
527.700	-56.845	2.151	-26.967	1.760	-101620.	-95050.		
577.275	-50.315	2.132	-23.952	1.724	-99327.	-92618.		
577.276	-50.310	-2.244	-24.012	-.361	-90912.	-100391.		
659.000	-39.419	-2.403	-19.008	-.509	-87408.	-96240.		
738.919	-29.383	-2.447	-14.447	-.563	-84091.	-92225.		
738.920	-29.383	-2.447	-14.447	-.563	-84091.	-92225.		
748.916	-28.127	-2.432	-13.877	-.559	-83673.	-91719.		
748.919	-29.607	.354	-14.302	.369	-86794.	-77484.		
758.917	-28.614	.323	-13.817	.346	-86288.	-76319.		
758.918	-28.614	.323	-13.817	.346	-86288.	-76319.		
791.504	-25.395	.263	-12.247	.293	-84554.	-74654.		
857.000	-19.101	.214	-9.196	.293	-82182.	-71774.		
923.400	-13.167	.094	-6.325	.153	-85498.	-63787.		
989.400	-8.282	.044	-3.974	.086	-43107.	-40354.		
1055.300	-4.623	.004	-2.224	.000	-31732.	-36309.		
1121.300	-2.049	.032	-.992	.067	-20529.	-23457.		
1154.300	-1.168	.071	-.569	.055	-15144.	-17304.		
1137.255	-.554	.077	-.273	.052	-10067.	-11527.		
1220.200	-.195	.092	-.099	.052	-4976.	-5759.		
1255.200	-.052	.035	-.027	.019	-796.	-942.		
1286.200	-.022	.024	-.011	.013	-391.	-472.		
1319.175	.000	.000	-.000	.000	J.	0.		

PREPARED *	*	UNIT 1 INERTIA LOADS	PAGE NO. **3.2-264
CHECKED **	*		MODEL *****0-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. *LG1054-12-1
DATE *****11/14/60*		SWEPT AXIS SYSTEM	CASE 1 ***** F10302

FUEL WT. 17125.0 LB.	DENSITY 6.500 LB./GAL.	ALTITUDE -12.000 DEG.
LOAD AXIS ORIGIN	F.S. 1116.583 B.L.	.000 A.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1116.583 B.L.	.000 A.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT.	21794.7	.0	.0	.0	.0	22256.0	1743.0	1300.5

SFA.	MXPG	MYPG	AZPG
.000	-9.065	10.667	112.300
120.361	-7.885	9.405	95.178
120.362	-7.885	9.405	95.177
197.900	-7.207	8.652	84.278
263.800	-6.674	8.061	75.328
329.600	-6.134	7.452	67.045
395.762	-5.603	6.853	58.805
469.866	-5.020	6.201	49.691
469.867	-5.020	6.201	49.691
481.269	-4.930	6.101	48.284
481.260	-4.333	5.027	47.988
492.632	-4.253	4.940	46.802
492.633	-4.253	4.940	46.801
527.700	-4.006	4.670	43.121
577.275	-3.667	4.304	37.912
577.276	-4.027	3.960	37.911
659.800	-3.433	3.423	30.090
738.919	-2.884	2.921	22.747
738.920	-2.884	2.921	22.747
748.918	-2.815	2.850	21.810
748.919	-1.495	1.317	21.045
758.917	-1.440	1.262	20.359
758.918	-1.440	1.262	20.359
791.504	-1.260	1.105	18.098
857.500	-.904	.795	13.592
923.400	-.589	.519	9.409
989.400	-.361	.317	5.935
1055.300	-.192	.169	3.240
1121.300	-.080	.070	1.395
1154.300	-.042	.037	.769
1187.250	-.018	.015	.322
1220.200	-.005	.004	.055
1253.200	-.002	.002	.006
1286.200	-.001	.001	-.006
1319.175	.000	-.000	.000

PREPARED *	*	UNIT INERTIA LOADS	PAGE NO. *3.2-245
CHECKED **	*		MODEL *****0-5A
APPROVED *	*	*** FUEL ***	REPORT NO. *IG1054-12-1
DATE *****11/00/68*			CASE ID *** F10303

FUEL WT. 47125.0 LB.	DENSITY 6.500 LB./GAL.	ATTITUDE .000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583	B.L. .000
ROTATIONAL AXIS ORIGIN	F.S. 1106.583	B.L. .000

TANK	1	2	3	4	5	6	7	8
WT.	21794.5	.0	.0	.0	.0	22256.1	1723.0	1300.5

STA.	SZNZ	MXNZ	MYNZ	MYNY	SZTOD	SXTOD
.000	-47125.	-29.553	14.210	1.990	36804.	-5250.
120.381	-47125.	-23.881	14.210	1.550	36804.	-5250.
120.382	-47125.	-23.881	14.210	1.550	36804.	-5250.
197.900	-34999.	-20.634	13.216	1.396	34238.	-2720.
263.800	-24793.	-18.713	12.086	1.358	31305.	-642.
329.300	-23562.	-17.146	11.964	1.253	30989.	-395.
395.752	-23562.	-15.592	11.964	1.133	30989.	-395.
469.866	-23562.	-13.845	11.964	.997	30989.	-395.
469.837	-23562.	-13.845	11.964	.997	30989.	-395.
431.259	-23562.	-13.575	11.964	.976	30989.	-395.
431.260	-23562.	-13.577	11.964	.976	30989.	-395.
432.632	-23562.	-13.310	11.964	.955	30989.	-395.
432.633	-23562.	-13.310	11.964	.955	30989.	-395.
527.700	-23562.	-12.483	11.964	.891	30989.	-395.
577.275	-23562.	-11.315	11.964	.801	30989.	-395.
577.276	-23562.	-11.315	11.964	.801	30989.	-395.
659.500	-23562.	-9.375	11.964	.650	30989.	-395.
738.919	-23562.	-7.506	11.964	.505	30989.	-395.
738.920	-23562.	-7.506	11.964	.505	30989.	-395.
748.918	-23562.	-7.271	11.964	.487	30989.	-395.
748.919	-23562.	-7.271	11.964	.487	30989.	-395.
758.917	-23562.	-7.035	11.964	.469	30989.	-395.
758.918	-23562.	-7.035	11.964	.469	30989.	-395.
791.504	-23562.	-6.257	11.964	.409	30989.	-395.
857.500	-23562.	-4.712	11.964	.288	30989.	-395.
923.406	-21739.	-3.135	11.143	.173	28875.	-317.
989.400	-16640.	-1.912	3.779	.092	22737.	-127.
1055.300	-11434.	-.987	6.217	.043	16103.	11.
1121.300	-6638.	-.337	3.324	.013	9904.	64.
1154.300	-4747.	-.195	2.690	.004	6967.	64.
1197.256	-2787.	-.071	1.600	-.000	4143.	49.
1220.200	-.955.	-.009	.554	-.001	1435.	20.
1253.200	0.	.000	.000	.000	0.	0.
1236.200	0.	.000	.000	.000	0.	0.
1319.173	0.	.000	.000	.000	0.	0.

PREPARED *	*	UNIT INERTIA LOADS	PAGE NO. ***3.2-266
CHECKED **	*		MODEL ****0-5A
APPROVED *	*	*** FUEL ***	REPORT NO. *IG1US54-12-
DATE *****11/05/68*			CASE NO. *** FIC303

FUEL WT. 47125.0 LB.	DENSITY 6.500 LB./GAL.	ATTITUDE .000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583 B.L.	.000 A.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1106.583 B.L.	.000 A.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT. 21794.5	.0	.0	.0	.0	22256.0	1768.0	1300.5	

STA.	MYT00	MYT00	MZT00	MYT05	SZPD	MXPD
.000	34.161	-16.493	1.328	-3.138	-76546.	-71.241
120.361	29.731	-16.542	.696	-2.794	-76546.	-62.077
120.362	29.731	-16.542	.696	-2.794	-76546.	-62.077
197.900	26.981	-16.289	.384	-2.393	-71514.	-56.314
263.800	24.820	-15.916	.273	-2.026	-66406.	-51.772
329.300	22.772	-15.832	.245	-1.849	-64538.	-47.503
395.752	20.728	-15.884	.219	-1.690	-64538.	-43.248
469.886	18.431	-15.887	.190	-1.512	-64538.	-38.466
469.887	18.431	-15.887	.190	-1.512	-64538.	-38.466
481.259	18.078	-15.887	.185	-1.484	-64538.	-37.733
481.260	18.078	-15.887	.185	-1.484	-64538.	-37.733
492.632	17.726	-15.887	.181	-1.457	-64538.	-36.999
492.633	17.726	-15.887	.181	-1.457	-64538.	-36.999
527.700	16.639	-15.838	.167	-1.373	-64538.	-34.737
577.275	15.103	-15.890	.147	-1.254	-64538.	-31.539
577.276	15.103	-15.890	.147	-1.254	-64538.	-31.539
659.600	12.552	-15.892	.115	-1.156	-64538.	-26.228
738.919	10.094	-15.895	.084	-.865	-64538.	-21.112
738.920	10.094	-15.895	.084	-.865	-64538.	-21.112
745.918	9.784	-15.895	.080	-.841	-64538.	-20.467
745.919	9.784	-15.895	.080	-.841	-64538.	-20.467
758.917	9.474	-15.895	.076	-.817	-64538.	-19.822
758.918	9.474	-15.895	.076	-.817	-64538.	-19.822
791.504	8.464	-15.896	.063	-.758	-64538.	-17.720
837.500	6.419	-15.898	.037	-.530	-64538.	-13.462
923.400	4.406	-14.950	.012	-.393	-60241.	-9.270
989.400	2.698	-12.080	-.003	-.193	-47596.	-5.692
1055.000	1.420	-8.799	-.007	-.054	-33611.	-3.004
1121.300	.568	-5.557	-.005	.017	-20861.	-1.202
1154.300	.239	-3.960	-.003	.030	-14696.	-.513
1187.258	.106	-2.384	-.001	.028	-8754.	-.225
1220.200	.013	-.835	-.000	.014	-3040.	-.028
1253.200	.000	.000	.000	.000	0.	.000
1286.200	.000	.000	.000	.000	0.	.000
1319.173	.000	.000	.000	.000	0.	.000

PREPARED *	*	UNIT INTERIOR LOADS	PAGE NO. **3.2-267
CHECKED **	*		MODEL ****C-5A
APPROVED *	*	*** FUEL ***	REPORT NO. *IG1US54-12-1
DATE *****17/08/60*			CASE I. *** FIC003

FUEL WT. 67125.0 LB.	DENSITY 6.500 LB./GAL.	ALTITUDE .000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583 B.L.	.000 .L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1106.583 B.L.	.000 .L. 265.000

TANK	1	2	3	4	5	6	7	8
WT. 21794.1	.0	.0	.0	.0	22256.0	1788.0	1308.5	

STA.	WYPO	MZPO	MXPS	IXPSID	WYPSID	MZPSID
.000	34.161	.648	6.525	-2.439	-5.198	-67.814
120.361	34.161	.648	5.179	-2.146	-4.483	-78.601
120.362	34.161	.648	5.179	-2.146	-4.483	-78.601
197.900	33.755	.439	4.460	-1.954	-4.076	-72.589
263.800	33.078	.208	4.068	-1.820	-3.794	-67.715
329.800	32.992	.183	3.726	-1.565	-3.475	-63.415
395.752	32.992	.183	3.364	-1.507	-3.184	-59.158
469.460	32.992	.183	2.963	-1.328	-2.773	-54.374
469.887	32.992	.183	2.963	-1.328	-2.773	-54.374
481.259	32.992	.183	2.902	-1.301	-2.716	-53.640
481.260	32.992	.183	2.902	-1.301	-2.716	-53.640
492.632	32.992	.183	2.840	-1.274	-2.659	-52.906
492.633	32.992	.183	2.840	-1.274	-2.659	-52.906
527.760	32.992	.183	2.651	-1.189	-2.484	-50.643
577.275	32.992	.183	2.383	-1.070	-2.285	-47.443
577.276	32.992	.183	2.383	-1.070	-2.285	-47.443
659.800	32.992	.183	1.938	-.872	-1.823	-42.130
735.919	32.992	.183	1.509	-.681	-1.426	-37.011
735.920	32.992	.183	1.509	-.681	-1.426	-37.011
748.918	32.992	.183	1.455	-.657	-1.376	-36.366
748.919	32.992	.183	1.455	-.657	-1.376	-36.366
768.917	32.992	.183	1.401	-.633	-1.326	-35.720
768.918	32.992	.183	1.401	-.633	-1.326	-35.720
791.564	32.992	.183	1.225	-.555	-1.163	-33.617
857.500	32.992	.183	.869	-.396	-.832	-29.358
923.400	31.069	.149	.526	-.244	-.514	-24.213
989.400	25.194	.060	.278	-.133	-.281	-17.766
1055.300	18.414	-.009	.126	-.063	-.183	-11.799
1121.300	11.673	-.036	.035	-.019	-.040	-6.757
1154.300	8.331	-.036	.010	-.006	-.013	-4.571
1187.256	5.024	-.028	-.003	.001	.001	-2.508
1226.200	1.765	-.012	-.004	.002	.004	-.363
1253.200	.000	.000	.000	.000	.000	.000
1286.200	.000	.000	.000	.000	.000	.000
1319.173	.000	.000	.000	.000	.000	.000

PREPARED *	*	UNIT INERTIA LOADS	BASE NO. **3.2-268
CHECKED **	*		MODEL *****C-5A
APPROVED *	*	*** FUEL ***	MEMORIAL NO.* IG1US54-12-
DATE *****11/11/68*			CASE ID *** F10303

FLY WT. 7125.0 LB.	DENSITY 6.500 LB./GAL.	ALTITUDE 9000 FEET
LOAD AXIS ORIGIN	F.S. 1113.583	B.L. .000
ROTATIONAL AXIS ORIGIN	F.S. 1116.533	B.L. .000

TANK	1	2	3	4	5	6	7	8
WT.	21794.5	.0	.0	.0	.0	22256.0	1756.0	1306.5

STA.	MZPSIDS	MAQR	MYPR	MZPD
.000	.000	-71.321	16.573	54.743
120.361	4.430	-62.059	16.524	45.535
120.362	4.430	-62.059	16.524	45.535
197.900	6.774	-56.299	16.274	40.025
263.800	8.258	-51.798	15.942	35.856
329.300	10.220	-47.532	15.912	31.620
395.732	12.264	-43.274	15.910	27.364
469.886	14.561	-38.497	15.908	22.580
469.887	14.561	-38.497	15.908	22.580
481.259	14.914	-37.753	15.907	21.346
481.260	14.914	-37.753	15.907	21.346
492.032	15.266	-37.019	15.907	21.112
492.033	15.266	-37.018	15.907	21.112
527.700	16.353	-34.754	15.906	18.849
577.275	17.689	-31.553	15.904	15.649
577.276	17.689	-31.553	15.904	15.649
659.000	20.440	-26.238	15.902	10.336
738.919	22.698	-21.116	15.899	5.217
738.920	22.698	-21.116	15.899	5.217
748.916	23.208	-20.471	15.899	4.572
748.919	23.208	-20.471	15.899	4.572
758.917	23.518	-19.825	15.899	3.926
758.918	23.518	-19.825	15.899	3.926
791.504	24.520	-17.721	15.898	1.323
857.500	26.573	-13.460	15.896	-2.436
923.400	26.663	-9.264	14.944	-5.680
989.400	22.496	-5.686	12.074	-6.387
1055.300	18.904	-3.000	8.795	-5.795
1121.300	11.105	-1.200	5.555	-4.355
1154.300	8.042	-.612	3.958	-3.347
1187.256	4.919	-.024	2.383	-2.159
1220.200	1.751	-.020	.835	-.807
1253.200	.000	.000	.000	.000
1286.200	.000	.000	.000	.000
1319.173	.000	.000	.000	.000

PREPARED *	*	UNIT INERTIA LOADS	PAGE NO. **3.2-269
CHECKED **	*		MODEL *****C-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. *LG10554-12-1
DATE *****11/04/66*			CASE ID *** F10303

FUEL WT. 47125.0 LB.	DENSITY 6.500 LB./GAL.	ALTITUDE .000 DEG.
LOAD AXIS ORIGIN	F.S. 1126.583 B.L.	.000 H.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1126.583 B.L.	.000 H.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT.	21794.5	.0	.0	.0	.0	22256.1	1768.0	1300.5

STA.	SZMZ	MXMZ	MYMZ	MYMX	SZTDD	SXTDD
.000	-114600.	-63.709	31.262	6.471	80971.	-8543.
120.301	-108216.	-52.221	30.433	5.476	78824.	-7093.
120.302	-108216.	-52.221	30.433	5.476	78824.	-7093.
197.900	-92140.	-44.443	26.783	5.003	74551.	-3721.
263.800	-78903.	-38.802	27.116	4.712	70232.	-1033.
329.800	-73602.	-33.782	25.973	4.362	67271.	-75.
395.752	-70587.	-29.045	25.255	4.022	65413.	445.
469.868	-67438.	-23.935	24.443	3.652	63310.	931.
469.867	-67438.	-23.935	24.443	3.652	63310.	931.
481.259	-66954.	-23.151	24.318	3.596	62957.	1006.
481.260	-66043.	-23.183	23.371	2.621	60533.	-164.
492.632	-55443.	-22.564	23.184	2.576	60047.	-83.
492.633	-55443.	-22.564	23.184	2.576	60047.	-83.
527.700	-53592.	-20.653	22.605	2.439	58546.	166.
577.275	-51541.	-12.045	21.992	2.254	56962.	439.
577.276	-51541.	-12.045	21.992	2.254	56962.	439.
659.800	-46072.	-13.939	20.879	1.958	54070.	802.
738.919	-45846.	-10.204	19.963	1.687	51705.	1050.
738.920	-45846.	-10.204	19.963	1.687	51705.	1050.
748.918	-45527.	-9.733	19.847	1.653	51406.	1061.
748.919	-34580.	-9.772	17.380	.646	45017.	-756.
758.917	-34203.	-9.437	17.225	.622	44619.	-725.
758.918	-34203.	-9.437	17.225	.622	44619.	-725.
791.504	-32973.	-8.344	16.720	.543	43305.	-628.
857.500	-31421.	-6.218	16.061	.388	41600.	-513.
923.400	-27936.	-4.242	14.473	.244	37486.	-353.
989.400	-21356.	-2.612	11.376	.139	29489.	-168.
1055.300	-15144.	-1.413	8.324	.072	21559.	55.
1121.300	-9442.	-.604	5.345	.026	13845.	117.
1154.300	-6837.	-.337	3.927	.015	10171.	114.
1157.256	-4462.	-.151	2.606	.006	6750.	95.
1220.200	-2161.	-.044	1.298	.002	3360.	57.
1253.200	-532.	-.010	.212	.001	550.	12.
1286.200	-162.	-.003	.107	.000	276.	7.
1319.175	0.	.000	.000	.000	0.	0.

PREPARED *	*	UNIT INERTIA LOADS	PAGE NO. **3.2-270
CHECKED **	*		MODEL *****C-5A
APPROVED *	*	*** WING (F EL INCLUDED) ***	REPORT NO.*IG1US54-12-
DATE *****1/01/68*			CASE ID *** F10303

FUEL WT. 17125.0 LB.	DENSITY 6.800 LB./GAL.	ATTITUDE .000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583 B.L.	.000 A.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1106.583 B.L.	.000 A.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT. 21794.5	.0	.0	.0	.0	22256.0	1743.0	1300.5	

STA.	MYTDD	MYTDD	MZTDD	MYTDS	SZPD	MXPD
.000	62.871	-32.406	1.457	-6.903	-170192.	-136.430
120.361	53.232	-32.081	.496	-5.984	-168992.	-116.030
120.362	53.232	-32.081	.496	-5.984	-168992.	-116.029
197.900	47.287	-31.416	.075	-5.211	-162344.	-103.153
263.800	42.518	-30.710	-.081	-4.550	-154427.	-92.877
329.800	37.987	-29.835	-.117	-4.013	-150370.	-82.609
395.752	33.621	-29.298	-.102	-3.568	-147582.	-72.788
469.866	28.857	-28.667	-.051	-3.091	-143975.	-61.972
469.867	28.857	-28.667	-.051	-3.091	-143975.	-61.972
481.259	23.126	-23.570	-.043	-3.017	-143421.	-60.313
481.260	23.133	-23.116	-.047	-2.900	-129904.	-60.221
492.632	27.459	-27.946	-.046	-2.325	-129130.	-58.766
492.633	27.459	-27.946	-.046	-2.325	-129130.	-58.765
527.700	25.378	-27.421	-.044	-2.594	-126744.	-54.276
577.275	22.513	-26.910	-.030	-2.304	-123601.	-48.058
577.276	22.513	-26.910	-.030	-2.304	-123601.	-48.057
659.500	17.951	-25.821	.022	-1.842	-118745.	-36.073
738.919	13.759	-24.910	.095	-1.445	-114107.	-28.828
738.920	13.759	-24.910	.095	-1.445	-114107.	-28.828
748.915	13.231	-24.795	.104	-1.385	-113520.	-27.663
748.919	13.254	-23.046	.096	-1.221	-92367.	-27.539
752.917	12.815	-22.674	.091	-1.177	-91641.	-26.636
758.916	12.815	-22.874	.091	-1.177	-91641.	-26.636
791.504	11.333	-22.314	.069	-1.032	-89208.	-23.694
857.000	8.621	-21.569	.031	-.775	-85891.	-17.913
923.400	5.951	-19.666	.002	-.510	-77803.	-12.470
989.400	3.742	-15.844	-.014	-.250	-61491.	-7.558
1055.300	2.068	-11.937	-.016	-.072	-45054.	-4.340
1121.300	.906	-7.883	-.011	.024	-28967.	-1.697
1154.300	.512	-5.874	-.007	.044	-21317.	-1.069
1187.256	.234	-3.864	-.004	.046	-14112.	-.487
1220.200	.070	-2.031	-.001	.032	-6944.	-.144
1253.200	.017	-.354	-.000	.007	-1184.	-.035
1256.200	.005	-.185	-.000	.004	-547.	-.011
1319.173	.000	.000	.000	.000	0.	.000

PREPARED *	*	UNIT I INERTIA LOADS	PAGE NO. **3.2-271
CHECKED **	*		MODEL *****C-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. *LG1US54-12-1
DATE *****11/06/68*			CASE ID *** F10303

FUEL WT. 47125.0 LB.	DENSITY 6.500 LB./GAL.	ATTITUDE .000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583 B.L.	.000 A.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1106.583 B.L.	.000 A.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT.	21794.5	.0	.0	.0	.0	22256.0	1723.0	1306.5

SIA	MYPD	MZPD	MXPS	MXPSID	MYPSID	MZPSID
.000	62.671	1.602	14.509	-5.300	-13.052	-168.122
120.361	62.719	1.411	11.974	-4.572	-11.478	-147.296
120.362	62.719	1.411	11.974	-4.572	-11.478	-147.296
197.900	62.041	1.056	10.610	-4.155	-10.535	-133.767
263.800	61.045	.713	9.731	-3.936	-9.812	-122.638
329.600	60.173	.499	8.946	-3.514	-9.063	-111.713
395.752	59.506	.372	8.225	-3.196	-8.327	-101.371
469.866	58.681	.244	7.470	-2.846	-7.521	-89.945
469.867	58.581	.244	7.470	-2.846	-7.521	-89.945
461.259	58.439	.225	7.355	-2.792	-7.398	-88.192
481.260	57.266	.337	6.144	-2.563	-6.190	-87.393
492.632	57.023	.310	6.036	-2.514	-6.082	-86.269
492.633	57.023	.310	6.036	-2.514	-6.082	-86.269
527.700	56.274	.230	5.702	-2.364	-5.747	-81.262
577.275	55.396	.148	5.262	-2.157	-5.241	-74.540
577.276	55.396	.148	5.262	-2.157	-5.241	-74.540
639.600	53.621	.017	4.574	-1.825	-4.592	-63.482
736.919	51.941	-.074	3.966	-1.519	-3.672	-53.344
736.920	51.941	-.074	3.966	-1.519	-3.672	-53.344
748.912	51.730	-.035	3.890	-1.420	-3.726	-52.066
748.919	46.968	.341	1.940	-.801	-1.803	-50.572
750.917	46.661	.328	1.867	-.849	-1.756	-49.497
755.916	46.661	.328	1.867	-.849	-1.756	-49.497
791.504	45.659	.237	1.629	-.745	-1.559	-45.993
857.500	44.253	.239	1.163	-.539	-1.152	-39.464
923.400	40.560	.162	.732	-.347	-.750	-32.116
989.400	32.895	.046	.414	-.204	-.428	-23.687
1055.300	24.819	-.035	.209	-.107	-.225	-16.271
1121.300	16.436	-.068	.080	-.043	-.091	-9.777
1154.300	12.252	-.066	.040	-.023	-.047	-6.940
1187.256	8.249	-.056	.015	-.009	-.019	-4.450
1220.200	4.174	-.034	.004	-.003	-.005	-2.174
1253.200	.706	-.008	.002	-.001	-.003	-.368
1286.200	.362	-.005	.001	-.001	-.001	-.195
1319.173	.000	.000	.000	.000	.000	.000

PREPARED *	*	UNIT INERTIA LOADS			PAGE NO. **3.2-272		
CHECKED **	*				MODEL *****C-5A		
APPROVED *	*	*** WING (FUEL INCLUDED) ***			REPORT NO. LG1US54-12-		
DATE *****1/14/62*					CASE I ***** F13303		
FUEL WT. 47125.0 LB.		DENSITY 6.500 LB./GAL.		ATTITUDE		.000 DEG.	
LOAD AXIS ORIGIN		F.S. 1106.583	B.L.	.000	A.L.	350.250	
ROTATIONAL AXIS ORIGIN		F.S. 1106.583	B.L.	.000	A.L.	265.000	
PANK	1	2	3	5	6	7	8
WT. 21794.5	.0	.0	.0	.0	22255.	1748.0	1306.5
GPA.	MZPSIOS	MXGR	MYGR	MZPG			
.000	.000	-105.716	31.693	104.023			
120.301	9.487	-115.215	31.266	83.943			
120.302	9.437	-115.215	31.266	83.943			
197.900	14.753	-102.351	30.514	71.737			
263.800	13.527	-91.923	29.960	61.763			
329.800	22.136	-81.878	29.104	52.774			
395.752	25.088	-72.074	28.583	43.490			
469.336	23.724	-61.273	27.973	33.305			
469.887	29.724	-61.273	27.973	33.305			
481.259	30.313	-59.622	27.379	31.743			
481.260	29.132	-59.777	27.572	32.105			
492.632	29.554	-58.323	27.504	30.820			
492.633	29.564	-58.323	27.504	30.819			
527.700	30.296	-53.840	26.984	26.957			
577.276	32.833	-47.630	26.482	21.147			
577.276	32.883	-47.620	26.482	21.147			
659.690	35.670	-37.651	25.409	12.252			
738.919	38.182	-28.434	24.516	3.918			
738.920	38.182	-28.434	24.516	3.918			
748.913	38.499	-27.270	24.403	2.868			
748.919	33.714	-27.526	23.633	4.403			
758.917	33.646	-26.623	22.861	3.762			
758.918	33.646	-26.623	22.861	3.762			
791.504	34.276	-23.679	22.299	1.500			
857.500	35.672	-17.895	21.551	-3.656			
923.400	34.614	-12.450	19.645	-7.195			
969.400	29.153	-7.639	15.829	-7.991			
1055.300	22.751	-4.334	11.931	-7.597			
1121.300	15.524	-1.894	7.880	-5.966			
1154.300	11.740	-1.066	5.871	-4.205			
1187.256	8.014	-.465	3.963	-3.477			
1220.200	4.103	-.143	2.030	-1.887			
1253.200	.639	-.034	-.355	-.319			
1286.200	.057	-.011	.184	-.174			
1319.173	.000	.000	.000	.000			

PREPARED *	*	UNIT INERTIA LOADS				PAGE NO. **3.2-273	
CHECKED **	*					MODEL *****0-5A	
APPROVED *	*	*** WING (FUEL INCLUDED) ***				REPORT NO. *IG10854-12-	
DATE *****1/26/68*		SWEEP AXIS SYSTEM				CASE ID *** F10303	
FUEL WT. 47125.0 LB.		DENSITY 6.500 LB./GAL.		ATTITUDE .000 DEG.			
LOAD AXIS ORIGIN		F.S. 1116.583	B.L.	.000	A.L.	350.250	
ROTATIONAL AXIS ORIGIN		F.S. 1116.583	B.L.	.000	A.L.	265.000	
TANK 1	2	3	4	5	6	7	8
WT. 21794.8	.0	.0	.0	.0	22256.1	1785.0	1306.5
STA.	SXX	SYN	UX	SYN	UX	420Y	
.000	-106776.	-36069.	-2.037	6.142	65.709	-18.612	
120.361	-102717.	-34060.	-1.724	5.198	52.221	-14.358	
120.362	-102717.	-34060.	-1.724	5.198	52.221	-14.358	
197.900	-87457.	-29000.	-1.575	4.709	44.403	-12.727	
263.800	-74893.	-24834.	-1.493	4.473	38.808	-11.642	
329.300	-69861.	-23165.	-1.373	4.140	33.782	-9.928	
395.752	-67000.	-22215.	-1.266	3.817	29.045	-8.324	
466.800	-64010.	-21225.	-1.150	3.467	23.935	-6.610	
469.887	-64010.	-21225.	-1.150	3.467	23.935	-6.610	
481.259	-63552.	-21073.	-1.132	3.413	23.151	-6.330	
481.250	-53195.	-17639.	-.825	2.408	23.103	-8.340	
492.632	-52625.	-17450.	-.811	2.405	22.564	-8.104	
492.633	-52625.	-17450.	-.811	2.405	22.564	-8.104	
527.710	-50869.	-16860.	-.767	2.314	20.663	-7.405	
577.275	-48922.	-16222.	-.710	2.140	18.045	-6.527	
577.276	-47329.	-26406.	-.393	2.270	16.045	-6.527	
659.680	-44419.	-19153.	-.775	1.798	13.439	-4.843	
730.919	-42099.	-18153.	-.668	1.549	10.204	-3.011	
730.920	-42099.	-18153.	-.668	1.549	10.204	-3.011	
740.916	-41807.	-18026.	-.654	1.518	9.733	-2.617	
740.919	-31754.	-13692.	-.256	.593	9.772	-4.445	
750.917	-31407.	-13542.	-.246	.571	9.437	-4.234	
750.918	-31407.	-13542.	-.246	.571	9.437	-4.234	
791.594	-30276.	-13056.	-.215	.499	8.344	-3.780	
857.000	-28853.	-12441.	-.154	.356	6.818	-2.837	
923.400	-26653.	-11061.	-.096	.204	4.242	-1.921	
939.400	-19611.	-8456.	-.055	.128	2.612	-1.173	
1056.300	-13908.	-5996.	-.023	.066	1.413	-.653	
1121.300	-8670.	-3736.	-.011	.026	.604	-.297	
1184.300	-6278.	-2707.	-.006	.013	.337	-.174	
1187.256	-4097.	-1767.	-.002	.005	.181	-.094	
1220.200	-1935.	-850.	-.001	.001	.044	-.051	
1233.200	-305.	-131.	-.000	.001	.010	-.016	
1236.200	-140.	-64.	-.000	.000	.003	-.009	
1310.173	0.	0.	-.000	.000	-.000	-.000	

FUEL WT. 7125.0 LB.

DENSITY 6.500 LB./GAL.

ALTITUDE .000 DEG.

LOAD AXIS ORIGIN F.S. 1106.583 B.L. .000 A.L. 350.250

ROTATIONAL AXIS ORIGIN F.S. 1106.583 B.L. .000 A.L. 265.000

PANEL	1	2	3	4	5	6	7	8
WT.	21094.5	.0	.0	.0	.0	22256.0	1700.0	1300.5

STA.	SZ1Z	MX1Z	MY1Z	SZT00	SYT00	SZT00
.000	-114601.	-63.291	-2.825	-3103.	-2639.	80971.
121.361	-104213.	-54.046	-2.307	-6733.	-2233.	78824.
120.332	-104215.	-54.046	-2.307	-6733.	-2233.	78824.
137.900	-92140.	-45.130	-1.908	-3532.	-1171.	74550.
263.800	-78903.	-40.500	-1.164	-931.	-325.	70232.
320.800	-73602.	-35.190	-1.209	-71.	-24.	67271.
395.752	-70587.	-30.138	-1.240	422.	146.	65413.
469.836	-67438.	-24.799	-1.259	884.	293.	63310.
489.867	-67433.	-24.799	-1.259	884.	293.	63310.
491.259	-66954.	-23.976	-1.249	955.	317.	62967.
491.260	-66943.	-24.630	.619	-156.	-52.	60533.
492.632	-65445.	-23.967	.590	-79.	-26.	60047.
492.633	-65443.	-23.967	.590	-79.	-26.	60047.
527.750	-63592.	-21.934	.528	157.	52.	58548.
577.275	-51541.	-19.132	.516	417.	138.	56962.
577.276	-51541.	-19.134	-1.151	-03.	174.	56962.
659.630	-48372.	-14.640	-1.251	737.	318.	54078.
739.919	-45846.	-10.562	-1.275	964.	418.	51705.
739.920	-45845.	-10.562	-1.275	964.	418.	51705.
746.920	-45527.	-10.053	-1.267	993.	426.	51406.
749.919	-34580.	-10.733	.213	-695.	-300.	45017.
759.917	-34203.	-10.362	.197	-667.	-288.	44515.
759.918	-34203.	-10.362	.197	-667.	-288.	44515.
791.504	-32973.	-9.159	.167	-677.	-299.	43305.
857.500	-31421.	-6.833	.143	-475.	-205.	41500.
923.400	-27936.	-4.656	.084	-324.	-140.	37486.
989.400	-21356.	-2.863	.043	-89.	-43.	29405.
1055.300	-15144.	-1.558	.045	50.	22.	21559.
1121.300	-9442.	-.673	.034	107.	40.	13845.
1154.300	-6837.	-.378	.027	105.	42.	10171.
1187.250	-4462.	-.176	.026	87.	37.	6750.
1220.200	-2161.	-.060	.029	52.	23.	3363.
1253.200	-352.	-.016	.010	11.	5.	550.
1286.200	-162.	-.006	.007	6.	3.	273.
1319.175	0.	-.000	.000	0.	0.	0.

PREPARED *	*	UNIT INERTIA LOADS			PAGE NO. **3.2- 275		
CHECKED **	*				MODEL ****C-5A		
APPROVED *	*	*** WING (FUEL INCLUDED) ***			REPORT NO. *IG1US54-12-		
DATE *****11/08/68*		SLEPT AXIS SYSTEM			CASE ID *** F10303		
FUEL WT. 47125.0 LB.		DENSITY 6.500 LB./GAL.		ALTITUDE .000 DEG.			
LOAD AXIS ORIGIN		F.S. 1106.583	B.L.	.000	B.L.	350.250	
ROTATIONAL AXIS ORIGIN		F.S. 1106.583	B.L.	.000	B.L.	265.000	
TANK 1	2	3	4	5	6	7	8
WT. 21794.5	.0	.0	.0	.0	22256.1	1768.0	1306.5
STA.	MXTD0	MYTD0	MZTD0	SXTDS	SYTAS	SZTDS	
.000	67.107	-2.623	1.457	76356.	25455.	8543.	
120.361	56.938	-2.583	.496	74313.	24809.	7093.	
120.362	56.938	-2.583	.496	74818.	24809.	7093.	
197.900	50.633	-2.606	.075	70761.	23454.	3721.	
263.500	45.638	-2.694	-.081	66662.	22105.	1033.	
329.600	40.631	-2.444	-.117	63853.	21173.	75.	
395.752	36.195	-2.334	-.102	62089.	20588.	-445.	
469.836	31.144	-2.237	-.051	60092.	19925.	-931.	
469.837	31.144	-2.237	-.051	60092.	19925.	-931.	
481.259	30.372	-2.231	-.043	59736.	19624.	-1006.	
481.250	30.443	-2.422	-.047	57457.	19052.	164.	
492.632	29.719	-2.381	-.046	56996.	18899.	63.	
492.633	29.719	-2.381	-.046	56996.	18899.	33.	
527.700	27.493	-2.279	-.044	55573.	18427.	-166.	
577.275	24.459	-2.234	-.030	54067.	17925.	-439.	
577.276	24.551	-.102	-.030	52307.	22554.	-439.	
659.500	19.523	.059	.022	49659.	21612.	-802.	
738.919	14.928	.129	.095	47479.	20472.	-1050.	
738.920	14.928	.129	.095	47479.	20472.	-1050.	
748.918	14.354	.127	.104	47205.	20354.	-1081.	
748.919	14.628	-.452	.098	41338.	17824.	758.	
753.917	14.140	-.429	.091	40959.	17665.	726.	
753.918	14.140	-.429	.091	40959.	17665.	726.	
751.504	12.559	-.372	.064	39766.	17146.	620.	
857.500	9.487	-.331	.031	38200.	16471.	513.	
923.400	5.533	-.236	.002	34422.	14642.	353.	
989.400	4.138	-.145	-.014	27057.	11667.	108.	
1055.300	2.305	-.122	-.016	19797.	8536.	-55.	
1121.300	1.023	-.083	-.011	12713.	5432.	-117.	
1154.300	.535	-.065	-.007	9340.	4027.	-114.	
1147.250	.230	-.057	-.004	6199.	2673.	-95.	
1220.200	.100	-.054	-.001	3038.	1332.	-57.	
1253.200	.027	-.019	-.000	503.	215.	-12.	
1255.200	.011	-.013	-.000	255.	110.	-7.	
1319.173	-.000	.000	.000	0.	0.	-0.	

PREPARED *	*	UNIT : LERTIA LOADS	PAGE NO. **3.2- 276
CHECKED **	*		MODEL *****C-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. *IG1US54-12-1
DATE *****1/05/63*		SLEPT AXIS SYSTEM	CASE ID *** F10303

FUEL WT. 47125.0 LB.	DENSITY 6.500 LB./GAL.	ATTITUDE .000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583 B.L. .000	L.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1106.583 B.L. .000	L.L. 265.000

TRK	1	2	3	4	5	6	7	8
WT.	21794.5	.0	.0	.0	.0	22256.3	1798.0	1308.5

STA.	MYTOS	MYTDS	MZTDS	STPD	MYPD	MYPD
.000	3.263	-5.213	-62.871	-170192.	-143.485	-.813
120.361	2.023	-4.523	-53.232	-168992.	-121.972	-.814
120.362	2.023	-4.523	-53.232	-168992.	-121.972	-.814
197.900	1.597	-4.307	-47.287	-162340.	-108.534	-.429
263.800	1.291	-4.152	-42.518	-154427.	-97.049	.028
329.800	1.147	-3.831	-37.967	-150370.	-87.032	.001
395.752	1.080	-3.520	-33.621	-147532.	-76.677	-.025
469.036	1.002	-3.133	-28.857	-143975.	-65.278	-.039
469.037	1.002	-3.133	-28.857	-143975.	-65.277	-.039
461.259	.994	-3.134	-28.126	-143421.	-63.534	-.027
431.260	.855	-2.725	-28.133	-129904.	-54.218	2.330
492.032	.838	-2.674	-27.459	-129130.	-52.672	2.293
492.633	.838	-2.674	-27.459	-129130.	-52.672	2.293
527.700	.789	-2.520	-25.378	-126744.	-57.917	2.212
577.275	.738	-2.322	-22.513	-123801.	-51.359	2.196
577.276	.937	-2.249	-22.513	-123801.	-51.355	-2.271
659.600	.856	-1.930	-17.951	-118743.	-40.416	-2.424
730.919	.813	-1.646	-13.759	-114107.	-30.363	-2.461
730.920	.813	-1.646	-13.759	-114107.	-30.363	-2.461
743.918	.806	-1.611	-13.231	-113522.	-29.071	-2.445
743.919	.481	-.823	-13.254	-92387.	-30.262	.492
753.917	.441	-.792	-12.815	-91641.	-29.205	.460
753.918	.441	-.792	-12.815	-91641.	-29.205	.460
791.594	.374	-.694	-11.363	-89209.	-25.975	.399
857.500	.250	-.502	-8.581	-85891.	-19.697	.346
923.400	.141	-.322	-5.951	-77303.	-13.672	.213
969.400	.065	-.137	-3.742	-61493.	-8.080	.118
1053.300	.025	-.098	-2.068	-45154.	-4.733	.131
1121.000	.005	-.039	-.906	-28987.	-2.121	.100
1164.300	.001	-.020	-.512	-21312.	-1.201	.080
1187.250	-.001	-.008	-.234	-14112.	-.567	.055
1220.200	-.001	-.002	-.070	-6944.	-.193	.095
1253.200	-.000	-.001	-.017	-1104.	-.053	.035
1266.200	-.000	-.000	-.005	-547.	-.022	.024
1319.173	.000	.000	-.000	0.	-.000	.000

PREPARED *	*	UNIT INERTIA LOADS				PAGE NO. **3.2-277		
CHECKED **	*					MODEL ****C-5A		
APPROVED *	*	*** WING (FUEL INCLUDED) ***				REPORT NO. *IG1US54-12-1		
DATE *****11/08/68*		SWEEP AXIS SYSTEM				CASE ID. *** F10303		
FUEL WT. 47125.0 LB.		DENSITY 6.500 LB./GAL.		ATTITUDE .000 DEG.				
LOAD AXIS ORIGIN		F.S. 1106.583	B.L.	.000	W.L.	350.250		
ROTATIONAL AXIS ORIGIN		F.S. 1106.583	B.L.	.000	W.L.	265.000		
TANK	1	2	3	4	5	6	7	8
WT.	21794.5	.0	.0	.0	.0	22256.0	1718.0	1305.5
STA.	MZPD	SYPS	SYPS	AXES	AXES	AXES	MZPS	
.000	.074	-53566.	161543.	13.984	3.927		44.382	
120.361	.358	-53188.	160403.	11.478	3.429		37.316	
120.362	.358	-53183.	160403.	11.473	3.429		37.516	
197.900	.407	-51094.	154089.	10.199	2.953		33.752	
263.800	.511	-48604.	146578.	9.397	2.578		30.761	
329.800	.483	-47327.	142728.	8.643	2.357		27.393	
395.752	.479	-46450.	140081.	7.958	2.134		24.109	
469.836	.491	-45314.	136658.	7.245	1.865		20.508	
469.867	.491	-45314.	136658.	7.245	1.865		20.508	
461.259	.495	-45140.	136132.	7.136	1.843		19.971	
461.260	.293	-40986.	123302.	5.924	1.656		22.424	
492.632	.288	-40642.	122567.	5.820	1.627		21.901	
492.633	.288	-40642.	122567.	5.820	1.627		21.901	
527.700	.277	-39891.	120302.	5.500	1.532		20.328	
577.275	.279	-38965.	117510.	5.082	1.361		18.249	
577.276	.279	-49019.	113683.	4.942	1.827		18.249	
659.800	.286	-47013.	109038.	4.314	1.548		13.777	
733.919	.314	-45180.	104781.	3.767	1.282		9.750	
733.920	.314	-45180.	104781.	3.767	1.282		9.750	
743.918	.319	-44949.	104245.	3.698	1.247		9.265	
743.919	.358	-36580.	84336.	1.395	.715		12.410	
753.917	.053	-36285.	84151.	1.736	.680		11.986	
753.918	.053	-36285.	84151.	1.736	.690		11.986	
791.504	.040	-35322.	81919.	1.511	.578		10.651	
857.300	.021	-34003.	78871.	1.076	.441		8.103	
923.400	.004	-30306.	71444.	.674	.286		5.609	
989.400	-.006	-24343.	56468.	.373	.169		3.513	
1055.300	-.007	-17839.	41372.	.189	.089		2.014	
1121.300	-.005	-11477.	26618.	.071	.036		.933	
1154.300	-.004	-8433.	19570.	.035	.019		.556	
1187.256	-.002	-6587.	12953.	.013	.008		.305	
1220.200	-.001	-2749.	6376.	.003	.003		.165	
1253.200	-.001	-437.	1014.	.002	.001		.053	
1285.200	-.000	-217.	303.	.001	.001		.031	
1319.173	.000	0.	-0.	.000	.000		.000	

PREPARED *	*	UNIT INERTIA LOADS				PAGE NO. **3.2-278	
CHECKED **	*					MODEL *****C-5A	
APPROVED *	*	*** WING (FUEL INCLUDED) ***				REPORT NO. 4G1US54-12-1	
DATE *****11/05/68*		SWEEP AXIS SYSTEM				CASE NO. *** F10303	
FUEL WT. 47125.0 LB.		DENSITY 6.500 LB./GAL.		ALTITUDE .000 DEG.			
LOAD AXIS ORIGIN		F.S. 1106.583	B.L.	.000	F.L.	350.250	
ROTATIONAL AXIS ORIGIN		F.S. 1106.583	B.L.	.000	F.L.	265.000	
PANK 1	2	3	4	5	6	7	8
1. 21794.5	.0	.0	.0	.0	22256.0	1753.0	1306.5
STA.	XPSP100	YPS100	XPSP100	YPS100	XPSP100	YPS100	XPSP100
.000	187027.	61675.	-.923	-14.057	-159.326	-18.489	
120.351	185212.	59921.	-.727	-12.334	-135.587	-15.616	
120.352	185212.	59921.	-.727	-12.334	-135.587	-15.616	
137.900	177553.	54626.	-.628	-11.307	-120.776	-13.535	
263.300	168683.	49585.	-.553	-10.521	-108.865	-11.757	
329.300	163901.	47398.	-.483	-9.769	-97.048	-10.594	
393.752	160570.	46027.	-.412	-8.910	-85.681	-9.612	
469.836	156584.	44430.	-.334	-8.035	-73.204	-8.349	
469.837	156584.	44430.	-.334	-8.035	-73.204	-8.349	
481.259	156957.	44186.	-.322	-7.901	-71.293	-8.155	
481.260	142354.	41042.	-.485	-6.683	-71.657	-5.710	
492.632	141466.	40721.	-.473	-6.564	-69.937	-5.557	
492.633	141466.	40721.	-.473	-6.564	-69.937	-5.557	
527.700	138730.	39734.	-.435	-6.199	-64.656	-5.050	
577.275	135433.	38548.	-.382	-5.701	-57.413	-4.264	
577.276	135237.	38516.	.115	-5.713	-57.413	-4.264	
659.300	130480.	45270.	.126	-4.903	-45.303	-4.174	
733.919	125254.	44215.	.138	-4.157	-34.226	-4.009	
733.920	125254.	44215.	.138	-4.157	-34.226	-4.009	
743.915	124593.	43955.	.140	-4.262	-32.827	-3.956	
743.919	102660.	37275.	-.079	-2.641	-33.703	-.844	
753.917	101815.	36952.	-.076	-1.967	-32.616	-.823	
753.918	101815.	36952.	-.076	-1.967	-32.616	-.823	
791.504	99065.	35399.	-.067	-1.727	-28.949	-.732	
857.500	95343.	34484.	-.047	-1.253	-21.955	-.473	
923.400	86287.	31130.	-.030	-.808	-15.274	-.342	
989.400	68134.	24447.	-.017	-.474	-9.510	-.225	
1055.300	49903.	17789.	-.009	-.249	-5.358	-.054	
1121.300	32100.	11370.	-.004	-.101	-2.375	.027	
1154.300	23597.	8333.	-.002	-.052	-1.356	.043	
1167.256	15631.	5501.	-.001	-.021	-.619	.069	
1220.200	7703.	2697.	-.000	-.006	-.253	.095	
1253.200	1232.	426.	-.000	-.003	-.083	.056	
1255.200	613.	210.	-.000	-.001	-.327	.025	
1319.173	-1.	-0.	-.000	.000	.000	.000	

PREPARED *	*	UNIT INERTIA LOADS				PAGE NO. **3.2- 279
CHECKED **	*					MODEL *****C-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***				REPORT NO. *LG1US54-12-
DATE *****11/25/68*		SWEEP AXIS SYSTEM				CASE ID *** F10303
FUEL WT. 7125.0 LB.		DENSITY 6.500 LB./GAL.		ATTITUDE .000 DEG.		
LOAD AXIS ORIGIN		F.S. 1106.583	B.L. .000	A.L. 350.250		
ROTATIONAL AXIS ORIGIN		F.S. 1106.583	B.L. .000	A.L. 265.000		
TANK 1	2	3	4	5	6	7 8
WT. 21794.5	.0	.0	.0	.0	22256.0	1708.0 1306.5
STX	MYXR	MYZR	MXPR	MYPR	SYXQ	SYPQ
.000	-142.737	-.538	-66.882	1.945	-136058.	-130421.
120.361	-121.199	-.538	-56.682	1.310	-135594.	-128006.
120.362	-121.199	-.538	-56.682	1.310	-135594.	-128006.
197.980	-107.772	-.177	-50.431	1.344	-130626.	-121356.
263.800	-96.938	.264	-45.452	1.933	-124474.	-115266.
329.800	-86.338	.231	-40.601	1.750	-121565.	-111130.
395.752	-75.939	.200	-35.970	1.656	-119493.	-108539.
469.836	-64.619	.179	-30.925	1.573	-116732.	-105406.
469.837	-64.619	.179	-30.925	1.573	-116732.	-105406.
481.289	-52.673	.191	-30.154	1.575	-116395.	-104926.
481.260	-53.796	2.470	-30.303	2.000	-104260.	-98343.
492.632	-62.252	2.432	-29.579	1.932	-103668.	-97638.
492.653	-62.252	2.432	-29.579	1.932	-103668.	-97638.
527.700	-57.502	2.349	-27.355	1.364	-101675.	-95464.
577.275	-50.952	2.330	-24.324	1.328	-99562.	-93052.
577.276	-50.952	-2.101	-24.391	-.291	-91150.	-101325.
659.600	-40.638	-2.251	-19.359	-.433	-87626.	-96674.
738.919	-29.971	-2.305	-14.772	-.491	-84309.	-92659.
738.920	-29.970	-2.305	-14.772	-.491	-84309.	-92659.
748.918	-26.710	-2.289	-14.198	-.488	-83891.	-92153.
748.919	-30.106	.497	-14.623	.440	-67012.	-77913.
758.917	-29.103	.465	-14.135	.417	-66436.	-77254.
758.918	-29.103	.465	-14.135	.417	-66436.	-77254.
791.544	-25.952	.405	-12.554	.365	-64772.	-75083.
857.500	-19.641	.356	-9.480	.314	-62400.	-72203.
926.400	-13.653	.221	-6.575	.213	-56602.	-65226.
986.400	-8.590	.125	-4.130	.127	-44801.	-51405.
1055.300	-4.777	.134	-2.302	.116	-32836.	-37636.
1121.300	-2.158	.107	-1.021	.100	-21156.	-24190.
1154.300	-1.199	.037	-.584	.063	-15543.	-17773.
1167.256	-.566	.036	-.279	.056	-10255.	-11786.
1220.200	-.197	.035	-.100	.054	-5046.	-5337.
1253.200	-.052	.035	-.027	.019	-706.	-942.
1286.200	-.022	.024	-.011	.013	-393.	-472.
1319.175	.000	.000	-.000	.000	0.	0.

PREPARED * *	UNIT INERTIA LOADS	PAGE NO. **3.2- 280
CHECKED. ** *		MODEL ****C-5A
APPROVED * *	*** WING (FUEL INCLUDED) ***	REPORT NO. *LG1US54-12-1
DATE *****11/08/00*	SWEEP AXIS SYSTEM	CASE NO. *** F10303

FUEL WT. 17125.0 LB.	DENSITY 6.500 LB./GAL.	ALTITUDE 0.000 DEG.
LOAD AXIS ORIGIN	F.S. 1100.583 B.L.	0.000 Y.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1106.583 B.L.	0.000 Y.L. 265.000

TANK 1	2	3	4	5	6	7	8
WT. 21794.0	.0	.0	.0	.0	22256.0	1763.0	1300.5

ST ₀	MXPO	MYPO	MZPO
.000	-9.139	10.721	112.820
120.361	-7.952	9.456	95.657
120.362	-7.952	9.456	95.657
197.900	-7.260	8.632	84.723
263.800	-6.730	8.106	75.741
329.800	-6.138	7.437	67.439
395.752	-5.534	6.898	59.161
469.800	-5.069	6.243	50.047
469.807	-5.069	6.243	50.047
481.259	-4.979	6.143	48.637
481.260	-4.381	5.069	48.341
492.632	-4.301	4.961	47.152
492.633	-4.301	4.961	47.151
527.700	-4.053	4.710	43.462
577.275	-3.712	4.344	38.239
577.276	-4.076	4.005	38.239
667.600	-3.479	3.458	30.393
736.919	-2.928	2.954	23.036
736.920	-2.928	2.954	23.036
746.918	-2.850	2.890	22.096
746.919	-1.538	1.343	21.332
756.917	-1.483	1.295	20.643
756.918	-1.483	1.295	20.643
791.504	-1.302	1.137	18.374
857.500	-.943	.826	13.852
923.400	-.608	.533	9.647
989.400	-.356	.312	6.086
1055.300	-.187	.164	3.315
1121.300	-.076	.066	1.416
1154.300	-.009	.034	.777
1187.286	-.016	.014	.323
1220.200	-.005	.004	.055
1250.200	-.002	.002	.006
1288.200	-.001	.001	-.006
1313.173	.000	-.000	.000

PREPARED *	*	UNIT INERTIA LOADS		PAGE NO. *3.2- 28/
CHECKED **	*			MODEL ****C-5A
APPROVED *	*	*** FUEL ***		REPORT NO. *IG1US54-12-1
DATE *****11/08/68*				CASE 12 *** FI0304

FUEL WT. 47125.0 LB.	DENSITY 6.500 LB./GAL.	ATTITUDE 0.000 DEG.
LOAD AXIS ORIGIN	F.S. 1176.583 B.L.	0.000 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1176.583 B.L.	0.000 265.000

TANK	1	2	3	4	5	6	7	8
WT.	21794.0	.0	.0	.0	.0	22254.0	1743.0	1306.5

STA.	SXNZ	YXIZ	MYNZ	MYNX	SZIZ	SXTOD
.000	-47125.	-29.584	14.312	1.989	37070.	-5253.
120.361	-47125.	-20.912	14.312	1.549	37070.	-5253.
120.362	-47125.	-23.912	14.312	1.549	37070.	-5253.
197.900	-35152.	-20.703	13.284	1.392	34407.	-2758.
263.800	-24799.	-13.727	12.128	1.358	31413.	-643.
329.800	-23562.	-17.161	12.006	1.253	31095.	-395.
395.752	-23562.	-15.607	12.006	1.132	31095.	-395.
469.860	-23562.	-13.860	12.006	.997	31095.	-395.
469.867	-23562.	-13.860	12.006	.997	31095.	-395.
481.259	-23562.	-13.592	12.006	.976	31095.	-395.
481.260	-23562.	-13.592	12.006	.976	31095.	-395.
492.632	-23562.	-13.324	12.006	.955	31095.	-395.
492.633	-23562.	-13.324	12.006	.955	31095.	-395.
527.700	-23562.	-12.493	12.006	.891	31095.	-395.
577.275	-23562.	-11.329	12.006	.801	31095.	-395.
577.276	-23562.	-11.329	12.006	.801	31095.	-395.
659.600	-23562.	-9.390	12.006	.650	31095.	-395.
738.919	-23562.	-7.521	12.006	.505	31095.	-395.
738.920	-23562.	-7.521	12.006	.505	31095.	-395.
748.918	-23562.	-7.235	12.006	.467	31095.	-395.
748.919	-23562.	-7.235	12.006	.467	31095.	-395.
758.917	-23562.	-7.049	12.006	.468	31095.	-395.
758.918	-23562.	-7.049	12.006	.468	31095.	-395.
791.504	-23562.	-6.262	12.006	.409	31095.	-395.
857.500	-23562.	-4.727	12.006	.288	31095.	-395.
923.400	-21807.	-3.198	11.208	.173	29023.	-320.
989.400	-13710.	-1.920	8.817	.093	22836.	-127.
1055.300	-11483.	-.991	6.244	.043	16173.	11.
1121.300	-8865.	-.339	3.839	.013	9944.	34.
1154.300	-4705.	-.196	2.701	.004	6996.	34.
1187.256	-2799.	-.071	1.606	-.000	4161.	49.
1220.200	-959.	-.000	.557	-.001	1442.	20.
1253.200	0.	.000	.000	.000	0.	0.
1286.200	0.	.000	.000	.000	0.	0.
1319.173	0.	.000	.000	.000	0.	0.

PREPARED *	*	UNIT INERTIA LOADS	PAGE NO. **3.2-283
CHECKED **	*		MODEL *****0-5A
APPROVED *	*	*** FUEL ***	REPORT NO. *IG1US54-12-1
DATE *****11/08/66*			CASE ID *** F10304

FUEL WT. 17125.0 LB.	DENSITY 6.500 LB./GAL.	ATTITUDE 3.000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583 B.L. .000	A.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1106.583 B.L. .000	A.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT. 21794.6	.0	.0	.0	.0	.0	22256.0	1708.0	1306.5

STA.	MYPO	MZPO	MXPS	MXPSID	MYPSID	MZPSID
.000	34.314	.659	6.532	-2.501	-5.200	-68.027
120.351	34.314	.659	5.184	-2.155	-4.484	-78.805
120.362	34.314	.659	5.184	-2.155	-4.484	-78.805
137.900	33.892	.445	4.461	-1.960	-4.076	-72.766
263.300	33.199	.209	4.070	-1.826	-3.796	-67.877
329.800	33.112	.184	3.722	-1.671	-3.476	-63.576
395.752	33.112	.184	3.365	-1.512	-3.146	-59.316
469.866	33.112	.184	2.965	-1.333	-2.774	-54.529
469.887	33.112	.184	2.965	-1.333	-2.774	-54.529
481.259	33.112	.184	2.903	-1.305	-2.718	-53.794
481.260	33.112	.184	2.903	-1.305	-2.718	-53.794
492.632	33.112	.184	2.842	-1.273	-2.661	-53.060
492.633	33.112	.184	2.842	-1.278	-2.661	-53.060
527.700	33.112	.184	2.652	-1.193	-2.465	-50.795
577.275	33.112	.184	2.334	-1.074	-2.266	-47.594
577.276	33.112	.184	2.384	-1.074	-2.266	-47.594
659.570	33.112	.184	1.939	-.875	-1.824	-42.278
738.919	33.112	.184	1.510	-.684	-1.426	-37.156
738.920	33.112	.184	1.510	-.684	-1.426	-37.156
748.918	33.112	.184	1.456	-.660	-1.376	-36.510
748.919	33.112	.184	1.456	-.660	-1.376	-36.510
753.917	33.112	.184	1.402	-.635	-1.326	-35.865
753.918	33.112	.184	1.402	-.635	-1.326	-35.865
791.304	33.112	.184	1.226	-.557	-1.163	-33.760
857.500	33.112	.184	.869	-.328	-.832	-29.499
923.400	31.233	.150	.526	-.244	-.514	-24.356
989.400	25.304	.060	.279	-.134	-.283	-17.843
1055.300	18.493	-.000	.126	-.063	-.134	-11.849
1121.300	11.720	-.036	.035	-.019	-.080	-6.785
1154.300	8.366	-.036	.010	-.006	-.013	-4.591
1187.256	5.046	-.028	-.003	.001	.001	-2.619
1220.200	1.773	-.012	-.004	.002	.004	-.867
1253.200	.000	.000	.000	.000	.000	.000
1286.200	.000	.000	.000	.000	.000	.000
1319.173	.000	.000	.000	.000	.000	.000

PREPARED *	*	UNIT I ERTIA LOADS	PAGE NO. **3.2-282
CHECKED **	*		MODEL ****C-5A
APPROVED *	*	*** FUEL ***	REPORT NO.* IG1US54-12-
DATE *****11/30/68*			CASE ID *** F10304

FUEL WT. 47125.0 LB.	DENSITY 6.500 LB./GAL.	ALTITUDE 8.000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583	B.L. .000
ROTATIONAL AXIS ORIGIN	F.S. 1106.583	B.L. .000

TANK	1	2	3	4	5	6	7	8
WT.	21794.5	.0	.0	.0	.0	22256.1	1763.0	1306.5

STA.	EXTDD	MYTDD	AZTDD	MYTDS	SZPD	AXPD
.000	34.314	-16.615	1.332	-3.160	-76626.	-71.332
120.321	29.852	-16.655	.700	-2.214	-76626.	-62.158
120.362	29.852	-16.655	.700	-2.214	-76626.	-62.158
197.900	27.083	-15.392	.386	-2.405	-71648.	-56.386
263.800	24.912	-16.014	.274	-2.035	-65449.	-51.338
329.800	22.857	-15.980	.246	-1.353	-64573.	-47.566
395.752	20.806	-15.982	.219	-1.696	-64573.	-43.309
469.836	18.501	-15.934	.190	-1.517	-64573.	-38.524
469.887	18.501	-15.984	.190	-1.517	-64573.	-38.524
481.259	18.147	-15.984	.186	-1.490	-64573.	-37.790
481.260	18.147	-15.984	.186	-1.490	-64573.	-37.790
492.632	17.794	-15.985	.181	-1.462	-64573.	-37.056
492.633	17.794	-15.985	.181	-1.462	-64573.	-37.056
527.700	16.703	-15.986	.167	-1.378	-64573.	-34.792
577.273	15.162	-15.987	.148	-1.258	-64573.	-31.593
577.276	15.162	-15.987	.148	-1.258	-64573.	-31.593
659.000	12.602	-15.990	.115	-1.059	-64573.	-26.279
738.919	10.135	-15.992	.084	-.368	-64573.	-21.160
738.920	10.135	-15.992	.084	-.368	-64573.	-21.159
748.918	9.824	-15.993	.080	-.344	-64573.	-20.514
748.919	9.824	-15.993	.080	-.344	-64573.	-20.514
758.917	9.514	-15.993	.076	-.320	-64573.	-19.869
758.918	9.513	-15.993	.076	-.320	-64573.	-19.369
791.504	8.500	-15.994	.063	-.741	-64573.	-17.766
857.300	6.448	-15.996	.037	-.592	-64573.	-13.508
923.400	4.428	-15.054	.012	-.393	-60439.	-9.309
939.400	2.709	-12.134	-.003	-.193	-47794.	-5.716
1055.300	1.426	-8.337	-.007	-.054	-33954.	-3.016
1121.300	.571	-5.580	-.005	.013	-20943.	-1.297
1154.300	.290	-3.876	-.003	.030	-14758.	-.616
1157.256	.166	-2.394	-.001	.029	-8791.	-.225
1220.200	.014	-.839	-.000	.014	-3064.	-.029
1253.200	.000	.000	.000	.000	0.	.000
1286.200	.000	.000	.000	.000	0.	.000
1319.173	.000	.000	.000	.000	0.	.000

PREPARED *	*	UNIT INERTIA LOADS	PAGE NO. **3.2-284
CHECKED **	*		MODEL ****C-5A
APPROVED *	*	*** FUEL ***	REPORT NO. LG1US54-12-1
DATE ****11/06/68*			CASE ID *** FIC304

FUEL WT. 47125.0 LB.	DENSITY 6.500 LB./GAL.	ALTITUDE 8,000 DEG.
LOAD AXIS ORIGIN	F.S. 1186.583 B.L.	.000 W.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1186.583 B.L.	.000 W.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT.	21794.5	.0	.0	.0	.0	22256.1	1768.0	1300.5

STA.	MZPSID5	MXQR	MYPR	MZPQ
.000	.000	-71.411	16.695	54.715
120.361	4.462	-62.134	16.646	45.493
120.362	4.462	-62.139	16.646	45.493
197.900	3.809	-56.368	16.330	39.988
263.600	8.237	-51.863	16.040	35.824
329.600	10.255	-47.595	16.009	31.586
395.752	12.305	-43.334	16.007	27.327
469.880	14.611	-38.545	16.005	22.540
469.887	14.611	-38.545	16.005	22.540
481.259	14.965	-37.810	16.004	21.806
481.260	14.965	-37.810	16.004	21.806
492.632	15.319	-37.075	16.004	21.071
492.633	15.319	-37.075	16.004	21.071
527.700	16.409	-34.810	16.003	18.807
577.275	17.951	-31.607	16.001	15.605
577.276	17.951	-31.607	16.001	15.605
659.600	20.511	-26.288	15.999	10.239
738.919	22.977	-21.164	15.997	5.167
738.920	22.977	-21.164	15.997	5.167
748.918	23.283	-20.518	15.996	4.522
748.919	23.283	-20.518	15.996	4.522
758.917	23.599	-19.872	15.996	3.875
758.918	23.599	-19.872	15.996	3.875
791.504	24.612	-17.767	15.995	1.772
857.500	26.664	-13.503	15.993	-2.490
923.400	26.805	-9.303	15.048	-5.745
989.400	22.594	-5.710	12.128	-6.413
1055.300	17.067	-3.012	8.833	-5.821
1121.300	11.150	-1.205	5.578	-4.373
1154.300	6.076	-.614	3.975	-3.361
1187.250	4.940	-.225	2.393	-2.163
1220.200	1.759	-.028	.839	-.810
1253.200	.000	.000	.000	.000
1286.200	.000	.000	.000	.000
1319.173	.000	.000	.000	.000

PREPARED *	*	UNIT INERTIA LOADS	PAGE NO. **3.2-285
CHECKED **	*		MODEL *****0-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. *IG1054-12-
DATE *****11/08/68*			CASE ID *** F103J4

FUEL WT. 47125.0 LB.	DENSITY 6.500 LB./GAL.	ATTITUDE 3.000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583 B.L.	,000 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1106.583 B.L.	,000 265.000

TANK	1	2	3	4	5	6	7	8
WT.	21794.5	.0	.0	.0	.0	22256.0	1738.0	1306.5

STA.	SZHZ	MXNZ	MYNZ	MYX	SZTOD	SXTOD
.000	-114600.	-65.740	31.364	6.470	81235.	-8547.
120.361	-108216.	-52.252	30.536	5.475	79090.	-7097.
120.362	-108216.	-52.252	30.536	5.475	79090.	-7097.
197.900	-92292.	-44.461	28.851	4.999	74723.	-3759.
263.800	-78908.	-38.822	27.157	4.712	70340.	-1035.
329.800	-73602.	-33.797	26.014	4.362	67373.	-75.
395.752	-70587.	-29.059	25.297	4.021	65520.	445.
469.886	-67438.	-23.949	24.484	3.652	63410.	931.
469.887	-67438.	-23.949	24.484	3.652	63410.	931.
481.259	-66954.	-23.165	24.360	3.596	63094.	1005.
481.260	-56043.	-23.197	23.412	2.621	60640.	-165.
492.632	-55443.	-22.578	23.225	2.576	60154.	-84.
492.633	-55443.	-22.578	23.225	2.576	60154.	-84.
527.700	-53592.	-20.668	22.646	2.430	58655.	165.
577.275	-51541.	-18.059	22.034	2.254	57069.	438.
577.276	-51541.	-18.059	22.034	2.254	57069.	438.
659.600	-48072.	-13.953	20.920	1.957	54185.	802.
733.919	-45846.	-10.218	20.004	1.687	51812.	1049.
738.920	-45846.	-10.218	20.004	1.687	51812.	1049.
748.918	-45527.	-9.748	19.288	1.653	51513.	1081.
748.919	-34580.	-9.786	17.422	.646	45124.	-757.
758.917	-34203.	-9.451	17.267	.622	44722.	-727.
758.918	-34203.	-9.451	17.267	.622	44722.	-727.
791.504	-32973.	-8.359	16.761	.543	43410.	-629.
857.500	-31421.	-5.232	16.103	.388	41707.	-513.
923.400	-26005.	-4.256	14.532	.243	37640.	-355.
989.400	-21426.	-2.620	11.414	.140	29564.	-109.
1055.300	-15193.	-1.417	8.351	.072	21629.	55.
1121.300	-9469.	-.606	5.361	.029	13884.	117.
1154.300	-6856.	-.337	3.938	.015	10200.	115.
1187.256	-4473.	-.152	2.613	.006	6768.	95.
1220.200	-2165.	-.044	1.301	.002	3360.	57.
1253.200	-332.	-.010	.212	.001	550.	12.
1286.200	-162.	-.003	.107	.000	273.	7.
1319.173	0.	.000	.000	.000	0.	0.

PREPARED *	*	UNIT INERTIA LOADS	PAGE NO. ***3.2-286
CHECKED **	*		MODEL *****C-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. *IG1US54-12-1
DATE *****11/08/68*			CASE ID *** F10304

FUEL WT. 47125.0 LB.	DENSITY 6.500 LB./GAL.	ATTITUDE 8.000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583 B.L.	.000 V.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1106.583 B.L.	.000 W.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT.	21794.5	.0	.0	.0	.0	22256.0	1768.0	1306.5

STA.	MXTDD	MYTDD	MZTDD	MYTDS	SZPDD	MXPO
.000	63.024	-32.530	1.461	-6.925	-170273.	-136.521
120.361	53.353	-32.205	.500	-6.004	-169073.	-116.111
120.362	53.353	-32.205	.500	-6.004	-169073.	-116.111
197.900	47.389	-31.525	.077	-5.223	-162466.	-103.225
263.800	42.610	-30.807	-.081	-4.557	-154468.	-92.743
329.800	38.072	-29.932	-.117	-4.020	-150407.	-82.672
395.752	33.699	-29.395	-.102	-3.573	-147619.	-72.849
469.886	28.927	-28.765	-.051	-3.096	-144012.	-62.030
469.887	28.927	-28.765	-.051	-3.096	-144012.	-62.030
481.259	28.195	-28.668	-.043	-3.022	-143458.	-60.370
481.260	28.203	-28.214	-.046	-2.905	-129941.	-60.278
492.632	27.527	-28.044	-.046	-2.830	-129167.	-58.822
492.633	27.527	-28.043	-.046	-2.830	-129167.	-58.822
527.700	25.443	-27.519	-.044	-2.598	-126781.	-54.333
577.275	22.572	-27.008	-.029	-2.309	-123838.	-48.111
577.276	22.572	-27.008	-.029	-2.309	-123838.	-48.111
659.800	18.001	-25.919	.022	-1.346	-118780.	-38.124
738.919	13.801	-25.008	.095	-1.448	-114144.	-28.876
738.920	13.801	-25.008	.095	-1.448	-114144.	-28.876
748.918	13.272	-24.893	.104	-1.398	-113559.	-27.710
748.919	13.295	-23.143	.098	-1.224	-92424.	-27.588
758.917	12.854	-22.972	.091	-1.180	-91678.	-26.683
758.918	12.854	-22.972	.091	-1.180	-91678.	-26.683
791.504	11.419	-22.411	.069	-1.034	-89246.	-23.740
857.500	8.610	-21.667	.031	-.780	-85928.	-17.956
923.400	5.973	-19.770	.002	-.512	-78001.	-12.509
989.400	3.754	-15.903	-.014	-.250	-61691.	-7.881
1055.300	2.074	-11.975	-.016	-.073	-45197.	-4.352
1121.300	.909	-7.906	-.011	.024	-29069.	-1.902
1154.300	.513	-5.890	-.007	.044	-21372.	-1.071
1187.256	.235	-3.974	-.004	.047	-14148.	-.488
1220.200	.070	-2.034	-.001	.032	-6957.	-.144
1253.200	.017	-.354	-.000	.007	-1104.	-.035
1286.200	.005	-.185	-.000	.004	-547.	-.011
1319.173	.000	.000	.000	.000	0.	.000

PREPARED *	*	UNIT INERTIA LOADS	PAGE NO. **3.2-287
CHECKED **	*		MODEL *****5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO.**IG1US4-12-
DATE *****11/08/68*			CASE ID *** FID304

FUEL WT. 47125.0 LB.	DENSITY 6.500 LB./GAL.	ATTITUDE 8.000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583 B.L.	,000 W.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1106.583 B.L.	,000 W.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT.	21794.5	.0	.0	.0	.0	22256.0	1763.0	1306.5

STA.	MYPD	MZPD	MXPS	MXPSIDD	MYPSSDD	MZPSSDD
.000	63.024	1.613	14.516	-5.313	-13.055	-168.336
120.361	62.872	1.422	11.980	-4.582	-11.480	-147.500
120.362	62.872	1.422	11.980	-4.582	-11.480	-147.500
197.900	62.177	1.062	10.611	-4.161	-10.535	-133.944
263.800	61.166	.714	9.733	-3.842	-9.814	-122.801
329.800	60.293	.500	8.948	-3.519	-9.065	-111.873
395.752	59.629	.373	8.227	-3.201	-8.329	-101.529
469.886	58.702	.245	7.472	-2.850	-7.523	-90.100
469.887	58.702	.245	7.472	-2.850	-7.523	-90.100
481.259	58.560	.226	7.356	-2.797	-7.399	-88.347
481.260	57.386	.337	6.145	-2.568	-6.192	-88.048
492.632	57.144	.311	6.037	-2.519	-6.083	-86.423
492.633	57.144	.311	6.037	-2.519	-6.083	-86.423
527.700	56.395	.230	5.704	-2.368	-5.748	-81.414
577.275	55.516	.148	5.263	-2.160	-5.292	-74.691
577.276	55.516	.148	5.263	-2.160	-5.292	-74.691
659.600	53.741	.018	4.575	-1.828	-4.553	-63.630
738.919	52.062	-.073	3.967	-1.521	-3.872	-53.489
738.920	52.062	-.073	3.967	-1.521	-3.872	-53.489
748.918	51.850	-.084	3.891	-1.482	-3.786	-52.210
748.919	47.089	.342	1.941	-.883	-1.843	-50.717
758.917	46.781	.329	1.868	-.851	-1.777	-49.641
758.918	46.781	.329	1.868	-.851	-1.777	-49.641
791.504	45.780	.237	1.629	-.747	-1.560	-46.136
857.500	44.374	.240	1.163	-.540	-1.132	-39.605
923.400	40.729	.164	.732	-.348	-.730	-32.259
989.400	33.004	.046	.415	-.204	-.429	-23.765
1055.300	24.898	-.035	.209	-.107	-.226	-16.321
1121.300	16.477	-.068	.080	-.043	-.091	-9.805
1154.300	12.286	-.067	.040	-.023	-.047	-6.959
1187.256	8.270	-.056	.015	-.009	-.019	-4.461
1220.200	4.182	-.034	.004	-.003	-.005	-2.178
1253.200	.706	-.008	.002	-.001	-.003	-.388
1286.200	.362	-.005	.001	-.001	-.001	-.195
1319.173	.000	.000	.000	.000	.000	.000

PREPARED *	*	UNIT INERTIA LOADS	PAGE NO. **3.2-288
CHECKED **	*		MODEL *****C-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. *IG10S54-12-1
DATE *****11/08/68*			CASE II *** FIC304

FUEL WT. 47125.0 LB.	DENSITY 6.500 LB./GAL.	ATTITUDE 8.000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583 B.L.	.000 W.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1106.583 B.L.	.000 W.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT.	21794.5	.0	.0	.0	.0	22256.0	1768.0	1306.5

STA.	HZPSIDS	MXQR	MYPR	MZPQ
.000	.000	-135.806	31.815	103.991
120.361	9.519	-115.295	31.389	83.907
120.362	9.519	-115.295	31.389	83.906
197.900	14.788	-102.420	30.720	71.700
263.800	18.556	-91.993	30.058	61.936
329.800	22.221	-81.941	29.201	52.739
395.752	25.930	-72.134	28.680	43.453
469.866	29.775	-61.336	28.070	33.266
469.887	29.775	-61.336	28.070	33.265
481.259	30.364	-59.679	27.977	31.703
481.260	29.184	-59.834	27.770	32.064
492.632	29.617	-58.380	27.601	30.779
492.633	29.617	-58.380	27.601	30.779
527.700	30.952	-53.896	27.081	26.315
577.275	32.944	-47.683	26.580	21.104
577.276	32.944	-47.683	26.580	21.103
659.800	35.741	-37.712	25.507	12.205
738.919	38.261	-28.481	24.613	3.868
738.920	38.261	-28.481	24.613	3.868
748.918	38.579	-27.318	24.500	2.818
748.919	33.794	-27.573	23.131	4.443
758.917	33.927	-26.670	22.958	3.712
758.918	33.927	-26.670	22.958	3.711
791.504	34.361	-23.725	22.397	1.328
857.500	35.764	-17.938	21.648	-3.710
923.406	34.756	-12.489	19.749	-7.261
989.400	29.251	-7.862	15.884	-8.021
1055.500	22.825	-4.346	11.969	-7.623
1121.300	15.569	-1.899	7.903	-6.004
1154.500	11.774	-1.069	5.888	-4.819
1187.256	8.035	-.486	3.973	-3.487
1220.200	4.111	-.143	2.034	-1.890
1253.200	.689	-.034	.353	-.310
1286.200	.357	-.011	.184	-.174
1319.173	.000	.000	.000	.000

PREPARED *	*	UNIT INERTIA LOADS	PAGE NO. **3-289
CHECKED **	*		MODEL *****0-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. *IG10S54-12-
DATE *****11/08/68*		SKEPT AXIS SYSTEM	CASE ID *** F10304

FUEL WT. 4725.0 LB.	DENSITY 6.500 LB./GAL.	ATTITUDE 3.000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583 B.L.	.000 Y.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1106.583 B.L.	.000 Y.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT.	21794.5	.0	.0	.0	.0	22256.0	1768.0	1306.5

STA.	SXNX	SYNX	MXNX	MYNX	MZNX	MZNY
.000	-108775.	-36069.	-2.036	6.141	65.740	-18.915
120.361	-102717.	-34060.	-1.723	5.197	52.252	-14.461
120.362	-102717.	-34060.	-1.723	5.197	52.252	-14.461
197.900	-87602.	-29048.	-1.573	4.745	44.461	-12.768
263.800	-74398.	-24835.	-1.483	4.473	38.822	-11.683
329.800	-69861.	-23165.	-1.373	4.140	33.727	-9.969
395.752	-67000.	-22216.	-1.266	3.817	29.059	-8.365
469.886	-64010.	-21225.	-1.149	3.467	23.949	-6.651
469.887	-64010.	-21225.	-1.149	3.467	23.949	-6.651
481.259	-63552.	-21073.	-1.132	3.413	23.165	-6.402
481.260	-53195.	-17639.	-.825	2.438	23.197	-8.381
492.632	-52625.	-17450.	-.811	2.445	22.578	-8.145
492.633	-52625.	-17450.	-.811	2.445	22.578	-8.145
527.700	-50869.	-16868.	-.767	2.314	20.658	-7.447
577.275	-48922.	-16222.	-.710	2.140	18.069	-6.568
577.276	-47329.	-20408.	-.893	2.070	18.069	-6.569
659.600	-44419.	-19153.	-.775	1.797	13.963	-4.689
738.919	-42099.	-18153.	-.668	1.549	10.218	-3.052
738.920	-42099.	-18153.	-.668	1.549	10.218	-3.052
748.913	-41807.	-18026.	-.654	1.517	9.748	-2.858
748.919	-31754.	-13692.	-.256	.593	9.736	-4.487
758.917	-31407.	-13542.	-.246	.571	9.461	-4.325
758.918	-31407.	-13542.	-.246	.571	9.461	-4.325
791.504	-30278.	-13056.	-.215	.499	8.359	-3.321
857.500	-28853.	-12441.	-.154	.356	6.232	-2.878
923.500	-25716.	-11098.	-.096	.224	4.236	-1.950
989.500	-19674.	-8483.	-.055	.123	2.620	-1.178
1055.500	-13951.	-6016.	-.029	.066	1.417	-.660
1121.500	-8695.	-3749.	-.011	.026	.606	-.298
1154.500	-6296.	-2715.	-.006	.013	.337	-.175
1187.256	-4108.	-1771.	-.002	.005	.162	-.094
1220.200	-1988.	-857.	-.001	.001	.014	-.051
1253.200	-305.	-131.	-.000	.001	.010	-.016
1286.200	-149.	-64.	-.000	.000	.003	-.009
1519.175	0.	0.	-.000	.000	-.000	-.000

PREPARED *	UNIT INERTIA LOADS	PAGE NO. **3.2-240
CHECKED **		MODEL *****C-5A
APPROVED *	*** WING (FUEL INCLUDED) ***	REPORT NO. *IG1US4-12-
DATE *****11/03/68*	SWEPT AXIS SYSTEM	CASE ID *** F10304

FUEL WT. 47125.0 LB.	DENSITY 6.500 LB./GAL.	ATTITUDE 8.000 DEG.
LOAD AXIS ORIGIN	F.S. 1116.583 B.L.	.000 A.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1116.583 B.L.	.000 A.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT.	22794.5	.0	.0	.0	.0	22256.0	1753.0	1306.5

STA.	S2NZ	MXNZ	MYNZ	SXTDD	SYTDD	SZTDD
.000	-114600.	-68.353	-2.737	-8112.	-2690.	81236.
120.361	-103216.	-54.148	-2.720	-6736.	-2234.	79090.
120.362	-103216.	-54.148	-2.720	-6736.	-2234.	79090.
197.900	-92292.	-46.220	-1.874	-3563.	-1183.	74726.
263.800	-78908.	-40.526	-1.130	-982.	-325.	70340.
329.800	-73602.	-35.217	-1.174	-72.	-24.	67378.
395.752	-70587.	-30.215	-1.206	422.	140.	65520.
469.886	-67433.	-24.825	-1.225	883.	293.	63416.
469.887	-67438.	-24.825	-1.225	883.	293.	63416.
481.259	-66954.	-24.003	-1.215	954.	313.	63094.
481.260	-66043.	-24.656	.654	-156.	-52.	60640.
492.632	-55443.	-23.994	.625	-80.	-23.	60154.
492.633	-55443.	-23.994	.625	-80.	-23.	60154.
527.700	-53592.	-21.961	.563	157.	52.	58655.
577.275	-51341.	-19.209	.551	416.	138.	57069.
577.276	-51341.	-19.188	-1.119	403.	174.	57069.
659.000	-48372.	-14.669	-1.219	737.	313.	54165.
738.919	-45846.	-10.592	-1.243	964.	416.	51812.
738.920	-45846.	-10.592	-1.243	964.	416.	51812.
748.918	-45527.	-10.083	-1.235	992.	423.	51513.
748.919	-34580.	-10.763	.245	-695.	-309.	45124.
758.917	-34203.	-10.391	.230	-667.	-286.	44722.
758.918	-34203.	-10.391	.230	-667.	-286.	44722.
791.504	-32373.	-9.139	.200	-577.	-249.	43412.
857.500	-31421.	-6.862	.175	-476.	-205.	41707.
923.400	-29005.	-4.680	.105	-326.	-141.	37640.
989.400	-21426.	-2.872	.045	-101.	-43.	29564.
1055.300	-15193.	-1.563	.045	50.	22.	21629.
1121.300	-9469.	-.674	.034	103.	46.	13834.
1154.300	-3856.	-.379	.027	105.	45.	10200.
1187.256	-4473.	-.177	.027	87.	33.	6768.
1220.200	-2165.	-.060	.029	52.	23.	3369.
1253.200	-332.	-.016	.010	11.	5.	550.
1286.200	-162.	-.006	.007	6.	3.	273.
1319.173	0.	-.000	.000	0.	0.	0.

PREPARED *	*	UNIT INERTIA LOADS	PAGE NO. **3.2-241
CHECKED **	*		MODEL *****C-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. *IG1US54-12-
DATE *****11/02/68*		SWEPT AXIS SYSTEM	CASE ID *** FIC304

FUEL WT. 47125.0 LB.	DENSITY 6.500 LB./GAL.	ATTITUDE 8.000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583 B.L.	.000 W.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1106.583 B.L.	.000 W.L. 263.000

TANK	1	2	3	4	5	6	7	8
WT. 21794.5	.0	.0	.0	.0	.0	22256.0	1768.0	1306.5

STA.	MXIDD	MYIDD	MZIDD	SXTDS	SYTDS	SZTDS
.000	67.282	-2.664	1.461	77108.	25568.	3547.
120.301	57.079	-2.624	.500	75071.	24893.	7097.
120.302	57.079	-2.624	.500	75070.	24893.	7097.
197.000	50.804	-2.648	.077	70923.	23519.	3759.
263.300	45.799	-2.737	-.081	66765.	22139.	1035.
329.800	40.935	-2.487	-.117	63954.	21206.	75.
395.752	36.292	-2.378	-.102	62190.	20622.	-445.
469.836	31.232	-2.280	-.051	60194.	19960.	-931.
469.837	31.232	-2.280	-.051	60194.	19960.	-931.
481.259	30.459	-2.274	-.043	59687.	19853.	-1005.
481.260	30.530	-2.465	-.046	57558.	19086.	165.
492.632	29.605	-2.425	-.046	57097.	18933.	84.
492.633	29.805	-2.425	-.046	57097.	18933.	84.
527.700	27.575	-2.322	-.044	55674.	18461.	-165.
577.275	24.536	-2.278	-.029	54169.	17962.	-438.
577.276	24.641	-.130	-.029	52405.	22596.	-438.
659.500	19.593	.023	.022	49757.	21454.	-802.
738.919	14.990	.092	.095	47577.	20515.	-1049.
738.920	14.989	.092	.095	47577.	20515.	-1049.
748.018	14.414	.091	.104	47303.	20356.	-1081.
748.919	14.688	-.483	.098	41436.	17007.	757.
758.917	14.199	-.466	.091	41067.	17707.	727.
758.918	14.199	-.466	.091	41067.	17707.	727.
791.504	12.615	-.415	.069	39864.	17109.	629.
857.500	9.535	-.368	.031	38298.	16514.	518.
923.400	6.617	-.260	.002	34563.	14903.	355.
989.400	4.151	-.147	-.014	27148.	11706.	109.
1055.300	2.311	-.122	-.016	19861.	8564.	-55.
1121.300	1.026	-.084	-.011	12750.	5497.	-117.
1154.300	.527	-.065	-.007	9366.	4039.	-115.
1137.236	.280	-.057	-.004	6215.	2080.	-95.
1220.200	.100	-.054	-.001	3094.	1334.	-67.
1253.200	.027	-.019	-.000	505.	218.	-12.
1286.200	.011	-.013	-.000	255.	110.	-7.
1319.173	-.000	.000	.000	0.	0.	-0.

PREPARED *	*	UNIT INERTIA LOADS	PAGE NO. **3.2- 292
CHECKED **	*		MODEL *****0-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO.*IG1US54-12-
DATE *****11/06/68*		SWEPT AXIS SYSTEM	CASE ID *** F10304

FUEL WT. 47125.0 LB.	DENSITY 6.500 LB./GAL.	ATTITUDE 6.000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583	B.L. .000
ROTATIONAL AXIS ORIGIN	F.S. 1106.583	B.L. .000

TANK	1	2	3	4	5	6	7	8
WT. 21794.3	.0	.0	.0	.0	.0	22256.1	1768.0	1300.5

SFA.	EXTDS	MYTDS	MZTDS	SZPD	MXPD	MYPD
.000	3.274	-5.232	-63.024	-170273.	-143.397	-.705
120.361	2.033	-4.541	-53.353	-169073.	-122.094	-.706
120.362	2.033	-4.541	-53.353	-169073.	-122.094	-.706
197.900	1.510	-4.312	-47.389	-162466.	-108.638	-.343
263.300	1.293	-4.158	-42.610	-154468.	-97.747	.115
329.300	1.149	-3.837	-38.072	-150407.	-87.127	.083
395.752	1.062	-3.525	-33.699	-147619.	-76.770	.062
469.806	1.004	-3.188	-28.927	-144012.	-65.367	.048
469.887	1.004	-3.188	-28.927	-144012.	-65.367	.048
481.259	.996	-3.138	-28.195	-143458.	-63.623	.061
481.260	.856	-2.730	-28.203	-129941.	-64.307	2.417
492.632	.840	-2.670	-27.527	-129167.	-62.761	2.380
492.633	.840	-2.679	-27.527	-129167.	-62.761	2.380
527.700	.791	-2.525	-25.443	-126791.	-58.005	2.299
577.275	.740	-2.325	-22.572	-123333.	-51.444	2.283
577.276	.939	-2.252	-22.572	-123638.	-51.448	-2.192
659.500	.858	-1.933	-13.001	-118780.	-40.806	-2.345
738.919	.814	-1.643	-13.801	-114144.	-30.419	-2.382
738.920	.814	-1.643	-13.801	-114144.	-30.419	-2.382
748.918	.809	-1.613	-13.272	-113552.	-29.157	-2.360
748.919	.463	-.826	-13.295	-92424.	-30.207	.571
753.917	.442	-.795	-12.854	-91673.	-29.291	.540
753.918	.442	-.795	-12.854	-91673.	-29.290	.540
791.504	.376	-.696	-11.419	-89246.	-26.039	.479
857.500	.251	-.504	-8.610	-85923.	-19.739	.428
923.400	.141	-.323	-5.973	-78001.	-13.728	.266
939.400	.066	-.188	-3.754	-61691.	-8.635	.122
1056.500	.025	-.099	-2.074	-45197.	-4.797	.132
1121.500	.008	-.039	-.909	-29069.	-2.117	.107
1154.500	.001	-.020	-.513	-21372.	-1.204	.087
1187.256	-.001	-.008	-.235	-14143.	-.568	.086
1220.200	-.001	-.002	-.070	-6957.	-.198	.095
1253.200	-.000	-.001	-.017	-1104.	-.053	.035
1286.200	-.000	-.000	-.005	-347.	-.022	.024
1319.173	.000	.000	-.000	0.	-.000	.000

PREPARED *	*	UNIT INERTIA LOADS	PAGE NO. **3.2-293
CHECKED **	*		MODEL *****C-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. *IG1054-12-
DATE *****11/06/62*		SWEPT AXIS SYSTEM	CASE 1L *** F10304

FUEL WT. 47125.0 LB.	DENSITY 6.500 LB./GAL.	ATTITUDE 8.000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583 B.L.	.000 H.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1106.583 B.L.	.000 H.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT. 21794.5	.0	.0	.0	.0	22256.0	1703.0	1305.5	

STA.	MZPD	MXPS	SYPS	MXPS	MYPS	MZPS
.000	.684	-53591.	161620.	13.993	3.919	44.526
120.351	.368	-53214.	160430.	11.437	3.421	37.757
120.362	.368	-53214.	160430.	11.437	3.421	37.757
197.900	.407	-51134.	154209.	10.200	2.954	33.867
263.800	.511	-48617.	146617.	9.400	2.578	30.874
329.300	.484	-47339.	142763.	8.646	2.357	27.506
395.752	.480	-46461.	140117.	7.960	2.134	24.221
469.086	.491	-45326.	136693.	7.247	1.855	20.619
469.337	.491	-45326.	136693.	7.247	1.855	20.619
481.259	.495	-45152.	136168.	7.133	1.845	20.082
481.250	.293	-40897.	123337.	5.925	1.656	22.534
492.632	.288	-40654.	122602.	5.821	1.626	22.012
492.633	.288	-40654.	122602.	5.821	1.626	22.012
527.700	.277	-39903.	120337.	5.501	1.532	20.438
577.275	.280	-38977.	117545.	5.033	1.391	18.358
577.276	.280	-40033.	113717.	4.944	1.327	18.358
659.600	.287	-47030.	109072.	4.315	1.548	13.385
738.919	.315	-45195.	104315.	3.763	1.232	9.857
738.920	.315	-45195.	104315.	3.763	1.232	9.857
748.918	.320	-44963.	104279.	3.699	1.247	9.372
748.919	.052	-36395.	84370.	1.906	.715	12.518
758.917	.054	-36299.	84185.	1.735	.690	12.093
758.918	.054	-36299.	84185.	1.735	.690	12.093
791.504	.041	-35337.	81253.	1.512	.603	10.752
857.500	.022	-34023.	78905.	1.077	.441	8.208
923.400	.004	-30384.	71626.	.674	.246	5.684
989.400	-.006	-24426.	56650.	.379	.170	3.531
1055.300	-.007	-17396.	41503.	.190	.089	2.021
1121.300	-.005	-11510.	26693.	.071	.037	.936
1154.300	-.004	-8462.	19625.	.035	.019	.556
1187.256	-.002	-5602.	12992.	.013	.008	.304
1220.200	-.001	-2755.	6389.	.003	.003	.165
1253.200	-.001	-437.	1014.	.002	.001	.053
1286.200	-.000	-217.	503.	.001	.001	.031
1319.173	.000	0.	-0.	.000	.000	.000

PREPARED *	*	UNIT INERTIA LOADS				PAGE NO. **3.2-244		
CHECKED **	*					MODEL ****C-5A		
APPROVED *	*	*** WING (FUEL INCLUDED) ***				REPORT NO. *LG1US54-12-		
DATE *****11/01/68*		SWEPT AXIS SYSTEM				CASE ID *** F10304		
FUEL WT. 47125.0 LB.		DENSITY 6.500 LB./GAL.		ALTITUDE 3.000 DEG.				
LOAD AXIS ORIGIN		F.S. 1106.583	B.L.	.000	B.L.	350.250		
ROTATIONAL AXIS ORIGIN		F.S. 1106.583	B.L.	.000	B.L.	265.000		
TANK	1	2	3	4	5	6	7	8
WT.	21794.5	.0	.0	.0	.0	22256.0	1703.0	1306.5
STA.	EXPSIOD	SYPSIOD	MXPSIOD	MYPSIOD	MZPSIOD	MZPSIODS		
.000	187188.	61704.	-.934	-14.063	-159.511	-18.498		
120.361	185373.	59950.	-.736	-12.338	-135.751	-15.596		
120.362	185373.	59950.	-.736	-12.338	-135.751	-15.596		
197.900	177722.	54702.	-.634	-11.309	-120.923	-13.522		
263.800	168756.	49599.	-.558	-10.525	-109.006	-11.737		
329.800	163970.	47411.	-.488	-9.712	-97.165	-10.566		
395.752	160738.	46039.	-.416	-8.913	-85.813	-9.476		
469.886	156652.	44442.	-.338	-8.037	-73.330	-8.308		
469.887	156652.	44442.	-.338	-8.037	-73.330	-8.308		
481.259	156026.	44198.	-.326	-7.903	-71.424	-8.113		
481.260	142423.	41054.	-.488	-6.685	-71.733	-5.668		
492.632	141535.	40733.	-.476	-6.567	-70.062	-5.515		
492.633	141535.	40733.	-.476	-6.567	-70.062	-5.515		
527.700	138798.	39746.	-.439	-6.201	-64.779	-5.004		
577.275	135506.	38560.	-.385	-5.733	-57.567	-4.214		
577.276	136314.	40631.	.112	-5.715	-57.567	-4.213		
659.500	130527.	46294.	.124	-4.905	-45.448	-4.116		
738.919	125330.	44231.	.137	-4.158	-34.351	-3.944		
738.920	125330.	44231.	.137	-4.158	-34.351	-3.944		
748.918	124675.	43971.	.138	-4.064	-32.942	-3.899		
748.919	102737.	37290.	-.031	-2.042	-33.638	-.778		
758.917	101893.	36267.	-.078	-1.268	-32.790	-.761		
758.918	101893.	36267.	-.078	-1.963	-32.790	-.761		
791.504	99141.	35914.	-.068	-1.723	-29.101	-.662		
857.500	98419.	34499.	-.048	-1.254	-22.051	-.402		
923.400	88530.	31211.	-.030	-.808	-15.348	-.289		
939.400	88355.	24526.	-.018	-.475	-9.641	-.222		
1055.300	50067.	17845.	-.009	-.250	-5.374	-.053		
1121.300	32191.	11402.	-.004	-.101	-2.302	.028		
1134.300	23604.	8357.	-.002	-.052	-1.361	.043		
1137.256	15672.	5515.	-.001	-.021	-.650	.069		
1220.200	7723.	2702.	-.000	-.006	-.203	.095		
1253.200	1232.	426.	-.000	-.003	-.063	.036		
1286.200	615.	210.	-.000	-.001	-.027	.025		
1319.173	-0.	-0.	-.000	.000	.000	.000		

PREPARED *	*	UNIT I ERTIA LOADS	PAGE NO. **3.2-295
CHECKED **	*		MODEL *****C-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. MG1US54-12-1
DATE *****11/30/66*		SLEPT AXIS SYSTEM	CASE ID *** F10304

FUEL WT. 47125.0 LB.	DENSITY 6.500 LB./GAL.	ATTITUDE 6.000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583 B.L.	.000 A.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1106.583 B.L.	.000 A.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT.	21794.5	.0	.0	.0	.0	22256.0	1768.0	1306.5

STA.	MXLR	MYQR	MXPR	MYPR	SXPR	SYPR
.000	-142.918	-.480	-67.057	1.985	-136051.	-130699.
120.361	-121.319	-.450	-56.823	1.950	-135588.	-128284.
120.362	-121.319	-.450	-56.823	1.950	-135588.	-128284.
197.900	-107.874	-.090	-50.551	1.934	-130690.	-122062.
263.800	-97.035	.351	-45.563	2.026	-124479.	-115382.
329.800	-86.433	.318	-40.705	1.793	-121557.	-111293.
395.752	-76.091	.287	-36.067	1.699	-119495.	-108652.
469.886	-64.702	.266	-31.014	1.621	-116733.	-105519.
469.887	-64.702	.266	-31.014	1.621	-116733.	-105519.
481.259	-62.967	.273	-30.241	1.618	-116319.	-105039.
481.260	-63.886	2.557	-30.390	2.044	-104251.	-98456.
492.632	-62.341	2.519	-29.666	2.005	-103679.	-97751.
492.633	-62.341	2.519	-29.666	2.005	-103679.	-97751.
527.700	-57.589	2.437	-27.437	1.907	-101876.	-95577.
577.275	-51.038	2.417	-24.401	1.371	-99583.	-93145.
577.276	-51.055	-2.022	-24.471	-.254	-91121.	-101438.
639.600	-40.127	-2.152	-19.430	-.401	-87618.	-96787.
738.919	-30.057	-2.225	-14.833	-.455	-84301.	-92772.
738.920	-30.057	-2.225	-14.833	-.455	-84301.	-92772.
748.918	-28.796	-2.210	-14.258	-.451	-83882.	-92266.
748.919	-30.276	.576	-14.683	.477	-67004.	-78031.
758.917	-29.278	.545	-14.194	.454	-66478.	-77366.
758.918	-29.278	.545	-14.194	.454	-66478.	-77366.
791.504	-26.046	.485	-12.609	.401	-64764.	-75201.
857.500	-19.722	.435	-9.528	.351	-62392.	-72321.
923.400	-13.719	.274	-6.609	.241	-56723.	-65448.
989.400	-8.818	.129	-4.143	.129	-44944.	-51574.
1055.300	-4.791	.135	-2.309	.117	-32941.	-37757.
1121.300	-2.114	.100	-1.024	.081	-21196.	-24260.
1134.300	-1.202	.033	-.586	.063	-15587.	-17328.
1187.256	-.567	.086	-.280	.056	-10312.	-11317.
1220.200	-.197	.095	-.100	.054	-5055.	-5349.
1253.200	-.052	.035	-.027	.019	-796.	-942.
1236.200	-.022	.024	-.011	.013	-393.	-472.
1319.175	.000	.000	-.000	.000	0.	0.

PREPARED *	*	UNIT INERTIA LOADS	PAGE NO. **3.2-296
CHECKED **	*		MODEL *****C-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. *IG1US54-12-1
DATE *****1/10/68*		SWEPT AXIS SYSTEM	CASE ID *** F10304

FUEL WT. 47125.0 LB.	DENSITY 6.300 LB./GAL.	ATTITUDE 8.000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583 B.L.	.000 .L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1106.583 B.L.	.000 .L. 265.000

TANK	1	2	3	4	5	6	7	8
WT.	21794.3	.0	.0	.0	.0	22256.1	1768.0	1306.6

SIA.	MXPO	MYPO	MZPO
.000	-9.151	10.719	112.816
120.361	-7.962	9.454	95.655
120.362	-7.962	9.454	95.655
197.900	-7.265	8.690	84.721
263.800	-6.736	8.106	75.730
329.800	-6.194	7.497	67.427
395.752	-5.659	6.898	59.169
469.886	-5.073	6.243	50.036
469.887	-5.073	6.243	50.036
481.259	-4.583	6.143	48.625
481.260	-4.386	5.069	48.329
492.632	-4.305	4.981	47.140
492.633	-4.305	4.981	47.140
527.700	-4.057	4.710	43.450
577.275	-3.716	4.343	38.227
577.276	-4.079	4.094	38.227
659.600	-3.482	3.457	30.387
736.919	-2.930	2.954	23.026
736.920	-2.930	2.954	23.026
748.918	-2.860	2.890	22.086
748.919	-1.546	1.343	21.322
758.917	-1.485	1.295	20.633
758.918	-1.485	1.294	20.633
791.504	-1.304	1.137	18.364
857.500	-.944	.826	13.843
923.400	-.608	.533	9.651
989.400	-.357	.313	6.103
1055.300	-.128	.165	3.325
1121.300	-.075	.066	1.419
1154.300	-.039	.034	.779
1187.256	-.016	.014	.324
1220.200	-.004	.004	.055
1253.200	-.002	.002	.006
1286.200	-.001	.001	-.006
1319.173	.000	-.000	.000

PREPARED *	*	UNIT I INERTIA LOADS	PAGE 01. **3.2- 297
CHECKED **	*		MODEL *****C-5A
APPROVED *	*	*** FUEL ***	REPORT NO.*IG10S54-12-
DATE *****11/08/66*			CASE ID *** F10305

FUEL WT. 47125.0 LB.	DENSITY 6.500 LB./GAL.	ATTITUDE 25.000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583	B.L. .000
ROTATIONAL AXIS ORIGIN	F.S. 1106.583	B.L. .000

TANK	1	2	3	4	5	6	7	8
WT. 21794.0	.0	.0	.0	.0	.0	22256.0	1736.0	1300.5

SIA.	SZHZ	MAXNZ	MYNZ	MYNX	SZTOD	SXTOD
.000	-47125.	-29.585	14.384	1.966	37256.	-5314.
120.361	-47125.	-23.913	14.384	1.526	37256.	-5314.
120.362	-47125.	-23.913	14.384	1.526	37256.	-5314.
197.960	-35170.	-20.698	13.308	1.383	34470.	-2785.
263.800	-24793.	-18.723	12.150	1.352	31469.	-658.
329.800	-23562.	-17.157	12.028	1.247	31153.	-411.
395.752	-23562.	-15.603	12.028	1.126	31153.	-411.
459.686	-23562.	-13.856	12.028	.991	31153.	-411.
459.687	-23562.	-13.856	12.028	.991	31153.	-411.
481.259	-23562.	-13.588	12.028	.970	31153.	-411.
481.260	-23562.	-13.588	12.028	.970	31153.	-411.
492.632	-23562.	-13.320	12.028	.949	31153.	-411.
492.633	-23562.	-13.320	12.028	.949	31153.	-411.
527.700	-23562.	-12.494	12.028	.885	31153.	-411.
577.275	-23562.	-11.326	12.028	.794	31153.	-411.
577.276	-23562.	-11.326	12.028	.794	31153.	-411.
650.600	-23562.	-9.386	12.028	.644	31153.	-411.
738.919	-23562.	-7.517	12.028	.499	31153.	-411.
738.920	-23562.	-7.517	12.028	.499	31153.	-411.
748.918	-23562.	-7.281	12.028	.481	31153.	-411.
748.919	-23562.	-7.281	12.028	.481	31153.	-411.
753.917	-23562.	-7.046	12.028	.462	31153.	-411.
753.918	-23562.	-7.046	12.028	.462	31153.	-411.
791.564	-23562.	-6.278	12.023	.403	31153.	-411.
857.300	-23562.	-4.723	12.028	.282	31153.	-411.
923.400	-21759.	-3.196	11.198	.170	29004.	-320.
989.400	-16700.	-1.919	8.812	.092	22824.	-127.
1355.300	-11475.	-.991	6.240	.043	16102.	11.
1121.300	-6658.	-.388	3.835	.013	9934.	64.
1154.300	-4762.	-.196	2.699	.004	6990.	64.
1187.256	-2796.	-.071	1.605	-.000	4157.	49.
1220.200	-952.	-.009	.556	-.001	1441.	20.
1253.200	0.	.000	.000	.000	0.	0.
1286.200	0.	.000	.000	.000	0.	0.
1319.173	0.	.000	.000	.000	0.	0.

PREPARED *	*	UNIT INERTIA LOADS	PAGE NO. **3.2-298
CHECKED **	*		MODEL *****0-5A
APPROVED *	*	*** FUEL ***	REPORT NO. *IG1US54-12-1
DATE *****11/03/69*			CASE NO. *** F10305

FUE WT. 47125.0 LB.	DENSITY 6.500 LB./GAL.	ATTITUDE 25.000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583 B.L.	.000 W.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1106.583 B.L.	.000 A.L. 285.000

TANK	1	2	3	4	5	6	7	8
WT.	21794.0	.0	.0	.0	.0	22256.0	1763.0	1306.5

SIA.	MYTDO	MYTDO	MYTDO	MYTDO	SZPL	MYTDO
.000	34.387	-16.687	1.356	-3.176	-76629.	-71.322
120.361	29.902	-16.736	.716	-2.828	-76629.	-62.148
120.362	29.902	-16.736	.716	-2.828	-76629.	-62.148
197.900	27.121	-16.448	.394	-2.409	-71638.	-56.369
263.800	24.947	-16.063	.284	-2.039	-65435.	-51.821
329.800	22.868	-16.029	.255	-1.858	-64565.	-47.550
395.752	20.833	-16.031	.228	-1.699	-64565.	-43.294
469.656	18.524	-16.033	.197	-1.520	-64565.	-38.510
469.657	18.524	-16.033	.197	-1.520	-64565.	-38.510
481.259	18.169	-16.034	.193	-1.492	-64565.	-37.776
481.260	18.169	-16.034	.193	-1.492	-64565.	-37.776
492.632	17.815	-16.034	.188	-1.465	-64565.	-37.042
492.633	17.815	-16.034	.188	-1.465	-64565.	-37.042
527.700	16.723	-16.035	.174	-1.380	-64565.	-34.779
577.275	15.179	-16.037	.153	-1.260	-64565.	-31.530
577.276	15.178	-16.037	.153	-1.260	-64565.	-31.530
659.800	12.813	-16.039	.119	-1.061	-64565.	-26.267
736.919	10.142	-16.042	.087	-.869	-64565.	-21.146
738.920	10.142	-16.042	.087	-.869	-64565.	-21.146
748.916	9.831	-16.042	.083	-.845	-64565.	-20.503
748.919	9.831	-16.042	.083	-.845	-64565.	-20.503
758.917	9.519	-16.043	.079	-.821	-64565.	-19.853
758.918	9.519	-16.043	.079	-.821	-64565.	-19.853
791.504	8.504	-16.044	.065	-.762	-64565.	-17.755
857.500	6.448	-16.046	.038	-.583	-64565.	-13.496
923.400	4.427	-16.056	.012	-.394	-60319.	-9.303
989.400	2.708	-12.128	-.003	-.193	-47767.	-5.712
1055.300	1.425	-8.831	-.007	-.354	-33932.	-3.014
1121.300	.579	-5.574	-.005	.018	-20922.	-1.206
1154.300	.290	-3.973	-.003	.030	-14748.	-.616
1187.256	.106	-2.392	-.001	.029	-8763.	-.225
1226.200	.014	-.838	-.000	.014	-3031.	-.029
1253.200	.000	.000	.000	.000	0.	.000
1286.200	.000	.000	.000	.000	0.	.000
1319.173	.000	.000	.000	.000	0.	.000

PREPARED *	*	UNIT INERTIA LOADS	PAGE NO. **3.2-299
CHECKED **	*		MODEL *****C-5A
APPROVED *	*	*** FUEL ***	REPORT NO. *IG1US54-12-
DATE *****1/03/68*			CASE 12 *** F10305

FUEL WT. 47125.0 LB.	DENSITY 6.500 LB./GAL.	ATTITUDE 25.000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583 B.L.	.000 A.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1106.583 B.L.	.000 A.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT. 21794.0	.0	.0	.0	.0	22256.0	1760.0	1306.5	

STA.	WYPO	WZPO	MXPS	MXPSID0	WYPSID0	WZPSID0
.000	34.387	.680	6.533	-2.496	-5.177	-88.079
120.381	34.387	.680	5.177	-2.148	-4.481	-78.856
120.382	34.387	.680	5.177	-2.148	-4.481	-78.856
197.900	33.942	.455	4.456	-1.255	-4.053	-72.799
268.800	33.248	.217	4.065	-1.821	-3.781	-67.911
320.800	33.162	.193	3.716	-1.666	-3.461	-63.609
398.782	33.162	.193	3.359	-1.506	-3.131	-59.351
469.866	33.162	.193	2.957	-1.327	-2.759	-54.564
469.867	33.162	.193	2.957	-1.327	-2.759	-54.564
481.289	33.162	.193	2.895	-1.300	-2.702	-53.830
481.280	33.162	.193	2.895	-1.300	-2.702	-53.830
492.632	33.162	.193	2.833	-1.272	-2.645	-53.096
492.633	33.162	.193	2.833	-1.272	-2.645	-53.096
527.700	33.162	.193	2.643	-1.137	-2.470	-50.832
577.275	33.162	.193	2.375	-1.068	-2.221	-47.631
577.276	33.162	.193	2.375	-1.068	-2.221	-47.631
654.800	33.162	.193	1.928	-.869	-1.809	-42.315
738.919	33.162	.193	1.498	-.677	-1.411	-37.194
738.920	33.162	.193	1.498	-.677	-1.411	-37.194
748.918	33.162	.193	1.444	-.653	-1.381	-36.549
748.919	33.162	.193	1.444	-.653	-1.381	-36.549
758.917	33.162	.193	1.390	-.629	-1.311	-35.903
758.918	33.162	.193	1.390	-.629	-1.311	-35.903
791.504	33.162	.193	1.213	-.560	-1.143	-33.799
857.500	33.162	.193	.855	-.390	-.917	-29.538
928.400	31.209	.153	.519	-.241	-.507	-24.352
984.400	25.290	.060	.279	-.133	-.282	-17.833
1055.300	18.481	-.009	.126	-.063	-.133	-11.841
1121.300	11.709	-.036	.035	-.019	-.040	-6.778
1154.300	8.350	-.036	.010	-.006	-.013	-4.537
1187.256	5.041	-.028	-.003	.001	.001	-2.617
1220.200	1.771	-.012	-.004	.002	.004	-.867
1253.200	.000	.000	.000	.000	.000	.000
1286.200	.000	.000	.000	.000	.000	.000
1319.173	.000	.000	.000	.000	.000	.000

PREPARED *	*	UNIT INERTIA LOADS	PAGE NO. **3.2-300
CHECKED **	*		MODEL *****C-5A
APPROVED *	*	*** FUEL ***	REPORT NO.* IG10S54-12-
DATE *****1/11/60*			CASE 10 *** FIC305

FUEL WT. -7125.0 LB.	DENSITY 6.500 LB./GAL.	ALTITUDE 25,000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583 B.L.	0.000 V.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1106.583 B.L.	0.000 V.L. 255.000

TANK	1	2	3	4	5	6	7	8
WT.	21794.1	.0	.0	.0	.0	22256.1	1700.0	1300.5

SFA.	HZPS10S	HXGP	MYPR	HZPO
.000	.000	-71.392	16.757	54.635
120.341	4.484	-62.119	16.707	45.412
120.382	4.484	-62.119	16.707	45.412
197.900	6.622	-56.351	16.430	39.921
263.800	8.302	-51.848	16.090	35.758
329.800	10.274	-47.530	16.059	31.521
395.752	12.329	-43.320	16.057	27.253
469.816	14.638	-38.531	16.054	22.476
469.827	14.638	-38.531	16.054	22.476
481.289	14.993	-37.796	16.054	21.742
481.260	14.993	-37.796	16.054	21.742
492.632	15.347	-37.062	16.054	21.008
492.633	15.347	-37.062	16.054	21.008
527.710	16.439	-34.796	16.053	18.744
577.275	17.984	-31.594	16.051	15.503
577.276	17.984	-31.594	16.051	15.503
639.600	20.548	-26.276	16.048	10.223
738.919	23.019	-21.152	16.046	5.106
738.920	23.019	-21.152	16.046	5.106
748.918	23.331	-20.506	16.045	4.161
748.919	23.331	-20.506	16.045	4.161
758.917	23.642	-19.860	16.045	3.315
758.918	23.642	-19.860	16.045	3.315
791.514	24.658	-17.755	16.044	1.711
857.510	26.713	-13.492	16.042	-2.550
920.410	26.782	-9.297	15.049	-5.753
989.400	22.683	-5.706	12.122	-6.416
1055.300	17.056	-3.010	8.823	-5.018
1121.300	11.159	-1.204	5.573	-4.389
1154.300	6.068	-.614	3.972	-3.353
1187.250	4.955	-.225	2.391	-2.167
1220.200	1.798	-.028	.838	-.310
1253.200	.000	.000	.000	.000
1266.200	.000	.000	.000	.000
1319.173	.000	.000	.000	.000

PREPARED * *		UNIT INERTIA LOADS				PAGE NO. **3.2-301		
CHECKED * *						MODEL *****C-5A		
APPROVAL * *		*** WING (FUEL INCLUDED) ***				REPORT NO. *IG1US54-12-		
DATE ***** 1/05/00*						CASE 1L *** F10305		
FUEL WT. 47125.0 LB.		DENSITY 6.500 LB./GAL.		ATTITUDE 25.000 DEG.				
LOAD AXIS ORIGIN		F.S. 1106.583		B.L.	.000	W.L. 350.250		
ROTATIONAL AXIS ORIGIN		F.S. 1106.583		B.L.	.000	W.L. 265.000		
TANK	1	2	3	4	5	6	7	8
WT.	21794.0	.0	.0	.0	.0	22256.0	1766.0	1306.0
STA.	SZHZ	MYHZ	MYHZ	MYHZ	SZTDC	SXTRD		
.000	-114600.	-65.741	31.436	6.447	61422.	-8607.		
120.381	-108216.	-52.253	30.608	5.452	79276.	-7157.		
120.382	-108216.	-52.253	30.608	5.452	79276.	-7157.		
197.900	-92310.	-44.457	28.875	4.900	74738.	-3786.		
265.800	-78902.	-38.818	27.179	4.706	70396.	-1049.		
329.300	-73602.	-33.793	26.036	4.366	67436.	-91.		
395.782	-70587.	-29.055	25.319	4.015	65578.	429.		
469.886	-67438.	-23.945	24.506	3.646	63474.	915.		
469.887	-67438.	-23.945	24.506	3.646	63474.	915.		
481.259	-66954.	-23.161	24.382	3.539	63151.	990.		
481.260	-56043.	-23.194	23.435	2.615	60697.	-180.		
492.632	-55443.	-22.574	23.247	2.570	60201.	-100.		
492.633	-55443.	-22.574	23.247	2.570	60201.	-100.		
527.700	-53592.	-20.664	22.668	2.432	58713.	150.		
577.275	-51541.	-13.055	22.056	2.248	57126.	423.		
577.276	-51541.	-13.055	22.056	2.248	57126.	423.		
659.600	-48372.	-13.949	20.942	1.951	54242.	736.		
738.919	-45846.	-10.215	20.026	1.631	51669.	1034.		
738.920	-45846.	-10.215	20.026	1.631	51669.	1034.		
748.918	-45527.	-9.744	19.911	1.646	51576.	1065.		
748.919	-34530.	-9.762	17.444	.640	45131.	-773.		
758.917	-34203.	-9.447	17.289	.616	44779.	-743.		
758.918	-34203.	-9.447	17.289	.616	44779.	-743.		
791.504	-32973.	-8.355	16.783	.537	43469.	-644.		
857.000	-31421.	-6.229	16.125	.382	41764.	-534.		
928.400	-27957.	-4.254	14.523	.241	37613.	-361.		
969.400	-21416.	-2.619	11.410	.139	29552.	-109.		
1055.300	-15185.	-1.416	8.346	.072	21616.	54.		
1121.300	-9462.	-.606	5.357	.028	13673.	117.		
1154.300	-6863.	-.537	3.936	.015	10134.	115.		
1167.256	-4471.	-.152	2.612	.006	6764.	95.		
1220.200	-2165.	-.044	1.300	.002	3368.	57.		
1255.200	-332.	-.010	.212	.001	550.	12.		
1255.205	-162.	-.003	.107	.000	278.	7.		
1319.173	0.	.000	.000	.000	0.	0.		

PRE-ARMED *	*	UNIT INERTIA LOADS				PAGE NO. **3.2- 302		
CHECKED *	*					MODEL *****C-5A		
APPROVED *	*	*** WING (FUEL INCLUDED) ***				REPORT NO. *IG1US54-12-1		
DATE *****1/22/68*						PAGE 11 *** F10305		
FUEL WT. 47125.0 LB.		DENSITY 6.500 LB./GAL.		ALTITUDE 25,000 DEG.				
LOAD AXIS ORIGIN		F.S. 1106.583	B.L.	.000	W.L.	350.250		
ROTATIONAL AXIS ORIGIN		F.S. 1106.583	B.L.	.000	W.L.	265.000		
TANK	1	2	3	4	5	6	7	8
WT. 21794.5	.0	.0	.0	.0	.0	22256.5	1708.0	1306.5
SIA	EXTD	MYTDD	MYTDD	MYTDD	MYTDD	SZPD	MXPD	
.000	63.077	-32.600	1.485	-6.941	-170276.	-136.511		
124.361	53.493	-32.275	.517	-6.918	-169076.	-116.101		
124.362	53.402	-32.275	.517	-6.918	-169076.	-116.101		
197.910	47.427	-31.575	.983	-5.227	-162464.	-103.298		
265.800	42.645	-30.856	-.070	-4.560	-154454.	-92.727		
324.810	38.103	-29.982	-.107	-4.023	-150398.	-82.656		
394.752	33.726	-29.445	-.093	-3.577	-147609.	-72.634		
464.566	28.950	-28.814	-.043	-3.099	-144002.	-62.016		
464.567	28.950	-28.814	-.043	-3.099	-144002.	-62.016		
481.259	28.217	-28.717	-.036	-3.025	-143449.	-60.357		
481.260	28.225	-28.263	-.039	-2.908	-129931.	-60.264		
492.632	27.548	-28.093	-.039	-2.833	-129157.	-58.809		
492.633	27.548	-28.093	-.039	-2.833	-129157.	-58.809		
527.730	25.462	-27.568	-.038	-2.601	-126771.	-54.320		
577.275	22.546	-27.057	-.024	-2.311	-123829.	-48.096		
577.276	22.538	-27.057	-.024	-2.311	-123829.	-48.096		
630.600	13.012	-25.953	.026	-1.848	-118770.	-38.112		
734.919	13.808	-25.057	.093	-1.450	-114134.	-28.865		
734.920	13.808	-25.057	.098	-1.449	-114134.	-28.865		
743.916	13.279	-24.943	.107	-1.399	-113550.	-27.699		
743.919	13.301	-23.193	.101	-1.226	-92414.	-27.575		
753.917	12.860	-23.021	.094	-1.181	-91668.	-26.672		
753.918	12.860	-23.021	.094	-1.181	-91668.	-26.672		
791.504	11.423	-22.461	.072	-1.036	-89237.	-23.729		
857.500	8.610	-21.716	.032	-.731	-85918.	-17.945		
923.400	5.072	-19.772	.002	-.511	-77631.	-12.504		
969.400	3.752	-15.897	-.014	-.250	-61664.	-7.877		
1053.500	2.073	-11.969	-.016	-.073	-45175.	-4.350		
1121.500	.978	-7.901	-.011	.024	-29048.	-1.901		
1154.500	.512	-5.837	-.007	.044	-21359.	-1.071		
1137.250	.235	-3.972	-.004	.047	-14140.	-.487		
1225.200	.070	-2.034	-.001	.032	-6955.	-.144		
1253.200	.017	-.354	-.000	.007	-1104.	-.035		
1263.200	.005	-.135	-.000	.004	-547.	-.011		
1313.173	.000	.000	.000	.000	.0	.000		

PREPARED *	*	UNIT INERTIA LOADS	PAGE NO. **3.2-303
CHECKED **	*		MODEL *****0-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. IG10354-12-1
DATE *****1/22/68*			CASE ID *** F10305

FUEL WT. 47125.0 LB.	DENSITY 6.300 LB./GAL.	ATTITUDE 25.000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583 B.L.	.000 A.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1106.583 B.L.	.000 A.L. 205.000

TANK	1	2	3	4	5	6	7	8
WT.	21794.4	.0	.0	.0	.0	22256.1	1763.0	1300.6

STA.	WYPO	WZPO	MXPS	MXPS100	WYPS100	WZPS100
.000	63.037	1.634	14.516	-5.307	-13.031	-168.337
120.361	62.945	1.443	11.973	-4.574	-11.486	-147.551
120.362	62.945	1.443	11.973	-4.574	-11.486	-147.551
197.900	62.228	1.071	10.506	-4.156	-10.517	-133.977
263.600	61.215	.723	9.729	-3.838	-9.799	-122.834
329.300	60.343	.509	8.942	-3.515	-9.050	-111.907
393.752	59.679	.331	8.220	-3.195	-8.314	-101.564
463.856	58.731	.254	7.464	-2.845	-7.507	-90.136
463.857	58.731	.254	7.464	-2.845	-7.507	-90.136
431.259	58.629	.234	7.343	-2.701	-7.384	-88.383
481.260	57.436	.346	6.137	-2.532	-6.177	-88.083
492.632	57.193	.320	6.029	-2.513	-6.068	-86.459
492.633	57.193	.320	6.029	-2.513	-6.068	-86.459
527.700	56.445	.239	5.695	-2.362	-5.732	-81.451
577.275	55.566	.157	5.253	-2.154	-5.277	-74.727
577.276	55.566	.157	5.253	-2.154	-5.277	-74.727
659.600	53.791	.026	4.565	-1.822	-4.528	-63.668
703.919	52.112	-.055	3.955	-1.514	-3.857	-53.527
733.920	52.112	-.055	3.955	-1.514	-3.857	-53.527
743.918	51.900	-.076	3.879	-1.475	-3.771	-52.249
743.919	47.133	.350	1.929	-.876	-1.828	-50.755
751.917	46.831	.337	1.856	-.844	-1.762	-49.630
751.918	43.831	.337	1.856	-.844	-1.762	-49.680
791.504	43.630	.206	1.616	-.740	-1.545	-46.175
857.500	44.423	.248	1.150	-.533	-1.117	-39.544
923.400	40.705	.167	.723	-.344	-.723	-32.235
969.400	32.931	.046	.415	-.204	-.429	-23.755
1053.300	24.836	-.034	.209	-.107	-.226	-16.313
1121.300	16.436	-.068	.080	-.043	-.091	-9.798
1154.300	12.279	-.067	.040	-.023	-.047	-6.955
1137.256	3.266	-.056	.015	-.009	-.019	-4.438
1220.200	4.130	-.034	.004	-.003	-.005	-2.177
1253.200	.706	-.008	.002	-.001	-.003	-.388
1286.200	.032	-.005	.001	-.001	-.001	-.195
1319.173	.000	.000	.000	.000	.000	.000

PREPARED *		UNIT INERTIA LOADS	PAGE NO. **3.2-304
CHECKED **	*		MODEL *****0-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. *IG10S54-12-
DATE *****11/30/63*			CASE ID *** F10305

FUEL WT. 47125.0 LB.	DENSITY 6.500 LB./GAL.	ATTITUDE 25.000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583	B.L. .000
ROTATIONAL AXIS ORIGIN	F.S. 1106.583	B.L. .000

TANK	1	2	3	4	5	6	7	8
WT.	21794.5	.0	.0	.0	.0	22256.0	1768.0	1306.5

STA.	MZPOS	MXOR	MYPR	MZPR
.000	.000	-105.787	31.877	103.910
120.351	9.542	-115.275	31.450	83.825
120.352	9.542	-115.275	31.450	83.825
157.910	14.801	-102.402	30.769	71.633
263.800	18.570	-91.978	30.108	61.370
329.310	22.240	-81.926	29.251	52.675
395.752	25.952	-72.119	28.730	43.339
469.836	29.602	-61.322	28.120	33.202
469.837	29.602	-61.322	28.120	33.202
461.259	30.392	-59.665	28.026	31.639
461.250	29.211	-59.820	27.819	32.001
492.632	29.645	-58.366	27.651	30.716
492.633	29.645	-58.366	27.651	30.716
527.700	30.333	-53.832	27.131	26.752
577.275	32.978	-47.670	26.629	21.041
577.276	32.978	-47.670	26.629	21.041
659.500	35.778	-37.699	25.556	12.143
733.919	38.303	-28.470	24.662	3.807
733.920	38.303	-28.470	24.662	3.807
743.916	38.322	-27.306	24.549	2.757
743.919	33.637	-27.562	23.180	4.342
753.917	33.371	-26.658	23.008	3.651
753.918	33.371	-26.658	23.008	3.651
791.504	34.406	-23.714	22.446	1.268
857.500	35.613	-17.927	21.697	-3.770
923.400	34.733	-12.483	19.751	-7.268
989.400	29.239	-7.858	15.378	-8.019
1055.300	22.814	-4.344	11.963	-7.619
1121.300	15.559	-1.897	7.897	-6.000
1154.300	11.766	-1.068	5.285	-4.316
1157.236	8.031	-.466	3.971	-3.445
1220.200	4.110	-.143	2.033	-1.890
1253.200	.689	-.034	.353	-.319
1283.200	.357	-.011	.134	-.174
1319.175	.000	.000	.000	.000

PREPARED *	*	UNIT INERTIA LOADS	PAGE NO. *3.2-305
CHECKED **	*		MODEL *****C-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. 1G1US54-12-1
DATE *****11/03/53*		SLEPT AXIS SYSTEM	CASE ID *** F10305

FUEL WT. 17125.0 LB.	DENSITY 6.500 LB./GAL.	ALTITUDE 25,000 DEG.
LOAD AXIS ORIGIN	F.S. 1126.583 B.L.	.000 H.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1126.583 B.L.	.000 H.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT.	21794.5	.0	.0	.0	.0	32256.0	1768.0	1306.5

STA.	SXIX	SYIX	FXIX	FXIX	FXIX	FXIX	FXIX
.000	-103770.	-36069.	-2.029	6.119	65.741	-18.987	
124.351	-102717.	-34860.	-1.716	5.174	52.253	-14.533	
120.352	-102717.	-34860.	-1.716	5.174	52.253	-14.532	
197.900	-87619.	-29054.	-1.571	4.736	44.457	-12.789	
263.800	-74892.	-24634.	-1.481	4.467	38.316	-11.706	
329.800	-69861.	-23165.	-1.371	4.134	33.793	-9.991	
393.752	-67000.	-22216.	-1.264	3.811	29.065	-8.368	
469.886	-64010.	-21225.	-1.148	3.461	23.945	-6.673	
469.887	-64010.	-21225.	-1.148	3.461	23.945	-6.673	
481.259	-63552.	-21073.	-1.130	3.407	23.161	-6.424	
491.260	-53195.	-17639.	-.823	2.482	23.194	-8.403	
492.632	-52625.	-17450.	-.809	2.440	22.574	-8.167	
492.633	-52625.	-17450.	-.809	2.440	22.574	-8.167	
527.700	-50869.	-16863.	-.765	2.308	20.614	-7.469	
577.275	-48922.	-16222.	-.706	2.134	18.055	-6.591	
577.276	-47329.	-20403.	-.890	2.064	18.055	-6.591	
659.000	-44419.	-19153.	-.773	1.792	15.949	-4.711	
733.919	-42099.	-18153.	-.665	1.543	10.215	-3.075	
733.920	-42099.	-18153.	-.665	1.543	10.215	-3.074	
748.918	-41807.	-18026.	-.652	1.512	9.784	-2.880	
748.919	-31754.	-13692.	-.253	.588	9.782	-4.509	
753.917	-31407.	-13542.	-.244	.565	9.447	-4.347	
753.918	-31407.	-13542.	-.244	.565	9.447	-4.347	
791.504	-30273.	-13356.	-.213	.493	8.355	-3.344	
867.500	-26853.	-12441.	-.151	.351	6.209	-2.900	
923.400	-25672.	-11069.	-.095	.221	4.214	-1.962	
989.400	-19666.	-8480.	-.055	.128	2.619	-1.173	
1055.300	-13944.	-6013.	-.029	.066	1.416	-.660	
1121.300	-.629.	-3746.	-.011	.025	.606	-.298	
1154.300	-.6292.	-2713.	-.006	.013	.307	-.175	
1167.256	-.4105.	-1770.	-.002	.005	.152	-.094	
1220.200	-.1983.	-.857.	-.001	.001	.044	-.051	
1253.200	-.305.	-.131.	-.000	.001	.010	-.016	
1285.200	-.149.	-.64.	-.000	.000	.003	-.009	
1319.173	0.	0.	-.000	.000	-.000	-.000	

PREPARED *	*	UNIT INERTIA LOADS	PAGE NO. ***2- 306
CHECKED **	*		MODEL *****C-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. *LG1US54-12-1
DATE *****11/06/68*		SWEPT AXIS SYSTEM	CASE ID *** F10305

FUEL WT. 17123.0 LB.	DENSITY 6.500 LB./GAL.	ALTITUDE 25.000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583 B.L. .000	N.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1106.583 B.L. .000	N.L. 265.000

PAIR	1	2	3	4	5	6	7	8
WT.	21794.5	.0	.0	.0	.0	22256.1	1706.0	1306.5

STA.	SXNZ	AXNZ	LYNZ	SYT00	SYT00	SZT00
.000	-114600.	-68.376	-2.670	-8169.	-2709.	61422.
121.361	-108216.	-54.171	-2.652	-6793.	-2253.	79276.
121.362	-108216.	-54.171	-2.652	-6793.	-2253.	79276.
197.900	-92310.	-46.223	-1.853	-3594.	-1192.	74766.
263.800	-78902.	-40.530	-1.107	-996.	-350.	70396.
329.800	-73602.	-35.220	-1.152	-87.	-29.	67436.
395.752	-70587.	-30.219	-1.183	407.	136.	65578.
463.836	-67438.	-24.829	-1.203	868.	286.	63474.
469.857	-67438.	-24.829	-1.203	868.	286.	63474.
481.259	-66954.	-24.006	-1.193	939.	311.	63151.
481.260	-55043.	-24.600	.676	-171.	-57.	60697.
492.632	-55443.	-23.997	.647	-95.	-31.	60211.
492.633	-55443.	-23.997	.647	-95.	-31.	60211.
527.700	-53592.	-21.965	.585	142.	47.	58713.
577.275	-51541.	-19.212	.573	401.	150.	57126.
577.276	-51541.	-19.169	-1.097	323.	107.	57126.
659.600	-48372.	-14.675	-1.197	722.	311.	54242.
733.919	-45846.	-10.597	-1.221	949.	409.	51369.
733.920	-45846.	-10.597	-1.221	949.	409.	51369.
743.918	-45527.	-10.038	-1.213	973.	422.	51570.
743.919	-34530.	-10.768	.267	-709.	-306.	45181.
783.917	-34203.	-10.396	.251	-692.	-290.	44779.
783.918	-34203.	-10.396	.251	-682.	-290.	44779.
791.504	-32973.	-9.194	.221	-592.	-256.	43469.
857.500	-31421.	-6.368	.197	-490.	-211.	41764.
923.400	-27957.	-4.653	.117	-331.	-143.	37615.
989.400	-21416.	-2.371	.045	-100.	-40.	29552.
1033.300	-15185.	-1.562	.045	50.	22.	21618.
1121.300	-9462.	-.674	.034	107.	46.	13675.
1154.300	-6852.	-.379	.027	105.	46.	10194.
1187.256	-4471.	-.177	.027	97.	38.	6764.
1220.200	-2165.	-.060	.029	52.	23.	3368.
1253.200	-332.	-.016	.010	11.	5.	550.
1286.200	-162.	-.006	.007	6.	3.	278.
1319.173	0.	-.000	.000	0.	0.	0.

PREPARED *	*	UNIT 1 INERTIA LOADS				PAGE NO. **3.2-307	
CHECKED **	*					MODEL *****C-5A	
APPROVED *	*	*** WING (FUEL INCLUDED) ***				REPORT NO. #LG1US54-12-1	
DATE *****11/08/68*		SWEPT AXIS SYSTEM				CASE ID *** F10303	
FUEL WT. 17125.0 LB.		DENSITY 6.500 LB./GAL.		ATTITUDE 25.000 DEG.			
LOAD AXIS ORIGIN		F.S. 1106.583		B.L. .000		A.L. 350.250	
ROTATIONAL AXIS ORIGIN		F.S. 1106.583		B.L. .000		A.L. 265.000	
PAK 1	2	3	4	5	6	7	8
WT. 21294.5	.0	.0	.0	.0	22256.0	1763.0	1306.3
STA.	EXTD	MYTCD	MZTCD	SYTDS	SYTDS	SZTDS	
.000	67.357	-2.689	1.435	77284.	25627.	8607.	
120.361	57.141	-2.650	.517	75247.	24951.	7157.	
120.362	57.141	-2.650	.517	75247.	24951.	7157.	
197.900	50.853	-2.673	.086	70987.	23539.	3786.	
263.800	45.844	-2.763	-.070	66819.	22136.	1049.	
329.800	40.976	-2.512	-.107	64008.	21225.	91.	
395.752	36.329	-2.403	-.093	62245.	20640.	-429.	
469.836	31.265	-2.306	-.043	60243.	19978.	-915.	
469.847	31.264	-2.306	-.043	60248.	19978.	-915.	
481.239	30.491	-2.300	-.035	59942.	19878.	-990.	
481.250	30.562	-2.491	-.039	57613.	19104.	180.	
492.632	29.836	-2.450	-.039	57151.	18951.	100.	
492.633	29.836	-2.450	-.039	57151.	18951.	100.	
527.700	27.604	-2.348	-.038	55729.	18479.	-150.	
577.275	24.551	-2.303	-.024	54223.	17980.	-423.	
577.276	24.664	-.152	-.024	52457.	22619.	-423.	
659.500	19.816	-.001	.026	49809.	21477.	-736.	
738.919	15.007	.069	.098	47630.	20537.	-1034.	
738.920	15.007	.069	.098	47630.	20537.	-1034.	
748.916	14.431	.067	.107	47355.	20419.	-1065.	
748.919	14.706	-.512	.101	41469.	17859.	773.	
758.917	14.216	-.480	.094	41120.	17730.	743.	
758.918	14.216	-.489	.094	41120.	17730.	743.	
791.504	12.629	-.438	.072	39917.	17211.	644.	
857.300	9.545	-.391	.032	38351.	16536.	534.	
923.400	6.621	-.273	.002	34841.	14895.	361.	
989.400	4.149	-.147	-.014	27137.	11791.	109.	
1055.300	2.310	-.122	-.016	19851.	8567.	-54.	
1121.300	1.025	-.084	-.011	12741.	5494.	-117.	
1154.300	.536	-.065	-.007	9360.	4036.	-115.	
1187.256	.280	-.057	-.004	6212.	2678.	-95.	
1220.200	.100	-.054	-.001	3893.	1334.	-57.	
1253.200	.027	-.019	-.000	505.	210.	-12.	
1286.200	.011	-.013	-.000	255.	110.	-7.	
1319.173	-.000	.000	.000	0.	0.	-0.	

PREPARED * *	UNIT INERTIA LOADS	PAGE NO. **3.2- 308
CHECKED * *		MODEL *****C-5A
APPROVED * *	*** WING (FUEL INCLUDED) ***	REPORT NO. #LG1US54-12-1
DATE *****11/04/85*	SWEPT AXIS SYSTEM	CASE ID *** F10305

FUEL WT. 47125.0 LB.	DENSITY 6.500 LB./GAL.	ALTITUDE 25.000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583 B.L. .000	A.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1106.583 B.L. .000	A.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT.	21794.5	.0	.0	.0	.0	22256.0	1768.0	1306.5

STA.	XZTOS	MYTOS	XZTOS	SZPO	MYPO	MYPO
.000	3.300	-5.234	-.63.097	-170276.	-143.610	-.633
120.361	2.050	-4.540	-53.403	-169076.	-122.107	-.634
120.362	2.050	-4.540	-53.403	-169076.	-122.107	-.634
197.900	1.521	-4.307	-47.427	-162464.	-108.633	-.290
263.800	1.304	-4.155	-42.645	-154454.	-97.747	.169
329.800	1.158	-3.833	-39.103	-150393.	-87.129	.142
395.782	1.070	-3.522	-33.726	-147609.	-76.772	.116
463.866	1.010	-3.184	-28.950	-144002.	-65.370	.102
469.337	1.010	-3.134	-28.950	-144002.	-65.370	.102
481.259	1.002	-3.135	-28.217	-143449.	-63.626	.114
481.260	.853	-2.726	-28.225	-129931.	-64.310	2.471
492.602	.846	-2.675	-27.543	-129157.	-62.764	2.433
492.633	.846	-2.675	-27.543	-129157.	-62.764	2.433
527.790	.796	-2.521	-25.462	-126771.	-58.003	2.353
577.275	.745	-2.321	-22.583	-123829.	-51.443	2.336
577.276	.943	-2.243	-22.583	-123829.	-51.443	-2.138
639.330	.830	-1.929	-13.012	-118770.	-40.516	-2.292
733.919	.815	-1.643	-13.803	-114134.	-30.450	-2.323
733.920	.815	-1.643	-13.803	-114134.	-30.450	-2.323
743.913	.810	-1.603	-13.273	-113550.	-29.167	-2.312
743.919	.464	-.820	-13.301	-92414.	-30.293	.624
753.917	.443	-.790	-12.860	-91563.	-29.302	.593
753.918	.443	-.790	-12.860	-91563.	-29.301	.593
791.504	.376	-.691	-11.423	-89237.	-26.070	.532
857.500	.250	-.498	-3.610	-85913.	-19.781	.481
923.400	.140	-.320	-5.972	-77431.	-13.744	.296
989.400	.066	-.138	-3.752	-61664.	-8.661	.123
1055.300	.025	-.098	-2.073	-45175.	-4.744	.132
1121.300	.005	-.039	-.908	-29043.	-2.116	.107
1154.300	.001	-.020	-.512	-21359.	-1.203	.087
1187.250	-.001	-.008	-.235	-14140.	-.583	.036
1220.200	-.001	-.002	-.070	-6955.	-.193	.095
1253.200	-.000	-.001	-.017	-1104.	-.053	.035
1286.200	-.000	-.000	-.005	-547.	-.022	.024
1319.173	.000	.000	-.000	0.	-.000	.000

PREPARED *		UNIT INERTIA LOADS			PAGE NO. **3.2-309			
CHECKED **					MODEL *****C-5A			
APPROVED *		*** WING (FUEL INCLUDED) ***			REPORT NO. * IG1054-12-			
DATE *****1/08/83*		SHEET AXIS SYSTEM I			CASE ID *** F10305			
FUEL WT. *7125.0 LB.		DENSITY 6.500 LB./GAL.		ALTITUDE 25.000 DEG.				
LOAD AXIS ORIGIN		F.S. 1106.583	B.L.	.000	A.L.	350.250		
ROTATIONAL AXIS ORIGIN		F.S. 1106.583	B.L.	.000	A.L.	265.000		
TAIR	1	2	3	4	5	6	7	8
WT. 21794.1	.0	.0	.0	.0	22256.0	1763.0	1306.5	
STA.	MZPD	SXPS	SYPs	SXPS	MZPS	MZPS		
.000	.649	-53392.	161622.	13.998	3.985	44.599		
121.331	.380	-53214.	160483.	11.484	3.487	37.832		
120.322	.300	-53214.	160483.	11.424	3.487	37.330		
197.900	.412	-51134.	154207.	10.186	2.987	33.917		
263.800	.517	-48612.	146604.	9.397	2.571	30.925		
329.800	.489	-47336.	142754.	8.642	2.351	27.557		
395.752	.424	-46456.	140108.	7.955	2.123	24.273		
469.886	.496	-45323.	136684.	7.241	1.879	20.571		
509.887	.496	-45323.	136684.	7.241	1.879	20.671		
481.289	.489	-45149.	136159.	7.132	1.839	20.134		
481.260	.297	-40894.	123328.	5.719	1.649	22.586		
492.632	.262	-40651.	122593.	5.315	1.520	22.064		
492.633	.202	-40651.	122593.	5.315	1.520	22.064		
527.700	.261	-39900.	120328.	5.404	1.526	20.490		
577.275	.284	-38974.	117336.	5.175	1.384	18.410		
577.276	.284	-38936.	113709.	4.736	1.320	18.411		
659.810	.240	-47027.	109064.	4.306	1.341	13.936		
734.919	.318	-45191.	104807.	3.758	1.274	9.910		
734.920	.318	-45191.	104806.	3.758	1.274	9.910		
746.916	.322	-44960.	104270.	3.689	1.200	9.426		
746.919	.081	-38591.	84361.	1.795	.788	12.569		
750.917	.056	-38296.	84177.	1.726	.683	12.146		
750.918	.056	-38296.	84176.	1.726	.683	12.146		
791.804	.143	-38330.	81944.	1.501	.891	10.811		
857.500	.024	-34019.	72697.	1.065	.484	8.262		
923.400	.005	-30937.	71516.	.668	.252	5.714		
989.400	-.006	-24416.	58625.	.379	.139	3.530		
1059.500	-.007	-17887.	41463.	.189	.039	2.020		
1121.300	-.005	-11501.	26674.	.071	.027	.936		
1154.300	-.004	-8457.	19613.	.035	.019	.556		
1167.200	-.002	-6599.	12985.	.013	.008	.304		
1226.200	-.001	-2754.	6386.	.003	.003	.165		
1256.200	-.001	-437.	1014.	.002	.001	.053		
1266.200	-.000	-217.	503.	.001	.001	.031		
1319.173	.000	0.	-0.	.000	.000	.000		

PREPARED * *	UNIT I INERTIA LOADS	PAGE NO. ***3.2-310
CHECKED ** *		MODEL *****0-5A
APPROVED * *	*** WING (FUEL INCLUDED) ***	REPORT NO. *IG1US54-12-1
DATE *****11/15/68*	SWEPT AXIS SYSTEM	CASE # *** F10305

FUEL WT. 27125.0 LB.	DENSITY 6.560 LB./GAL.	ALTITUDE 25.000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583 S.L.	.000 S.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1106.583 S.L.	.000 S.L. 265.000

TABLE	1	2	3	4	5	6	7	8
WT. 21794.5	.0	.0	.0	.0	22256.0	1760.0	1306.5	

STA.	SXPSID0	SYPSID0	AXPSID0	MYPSID0	NZPSID0	M2PSID0
.000	187249.	61762.	-.936	-14.039	-159.542	-18.496
120.361	185434.	60006.	-.736	-12.314	-135.775	-15.574
120.362	185434.	60008.	-.736	-12.314	-135.775	-15.574
197.900	177746.	54727.	-.634	-11.291	-120.945	-13.510
263.600	168760.	49609.	-.558	-10.509	-109.029	-11.719
326.800	163979.	47425.	-.488	-9.696	-97.207	-10.545
395.752	160747.	46051.	-.416	-8.897	-85.834	-9.453
469.586	156661.	44454.	-.337	-8.021	-73.351	-8.279
469.837	156661.	44454.	-.337	-8.021	-73.350	-8.279
481.259	156035.	44210.	-.325	-7.887	-71.445	-8.083
481.260	142432.	41066.	-.488	-6.669	-71.613	-5.636
492.632	141544.	40745.	-.476	-6.550	-70.083	-5.484
492.633	141544.	40745.	-.476	-6.550	-70.082	-5.484
527.700	138808.	39758.	-.438	-6.135	-64.749	-4.571
577.275	135516.	38572.	-.384	-5.687	-57.567	-4.173
577.276	136328.	48641.	-.111	-5.699	-57.567	-4.178
659.600	130541.	46305.	.124	-4.939	-45.467	-4.075
738.919	125344.	44242.	.137	-4.141	-34.366	-3.896
738.920	125344.	44242.	.137	-4.141	-34.368	-3.896
748.918	124689.	43982.	.138	-4.047	-32.958	-3.853
748.919	102751.	37300.	-.081	-2.026	-33.854	-.732
758.917	101907.	36375.	-.078	-1.952	-32.736	-.714
758.918	101907.	36977.	-.078	-1.952	-32.735	-.714
791.504	99155.	35925.	-.068	-1.712	-29.117	-.613
857.500	95433.	34509.	-.047	-1.237	-22.066	-.348
920.400	86410.	31168.	-.030	-.800	-15.355	-.258
939.400	85328.	24516.	-.018	-.475	-9.636	-.221
1055.300	50043.	17937.	-.009	-.249	-5.371	-.053
1121.300	32163.	11394.	-.004	-.101	-2.380	.028
1154.300	23549.	8352.	-.002	-.052	-1.360	.044
1187.256	15663.	5512.	-.001	-.021	-.850	.069
1220.206	7720.	2701.	-.000	-.006	-.273	.095
1253.200	1232.	426.	-.000	-.003	-.063	.036
1286.200	613.	210.	-.000	-.001	-.027	.025
1319.173	-0.	-0.	-.000	.000	.000	.000

PREPARED *	*	UNIT I INERTIA LOADS				PAGE NO. **3.2-3//		
CHECKED **	*					MODEL ****C-5A		
APPROVED *	*	*** WING (FUEL INCLUDED) ***				REPORT NO. *LG1US54-12-1		
DATE ***** 1/30/68*		SWEEP AXIS SYSTEM				CASE 12 *** F10305		
FUEL WT. 47125.0 LB.		DENSITY 6.500 LB./GAL.		ALTITUDE 25.000 DEG.				
LOAD AXIS ORIGIN		F.S. 1126.583	B.L.	.000	W.L.	350.250		
ROTATIONAL AXIS ORIGIN		F.S. 1126.583	B.L.	.000	W.L.	265.000		
TANK	1	2	3	4	5	6	7	8
WT. 21394.5	.0	.0	.0	.0	22256.0	1753.0	1396.6	
STA.	4XGR	5YGR	6XPR	6YPR	8XPR	8YPR		
.000	-142.923	-.405	-67.139	2.002	-135995.	-150877.		
120.361	-121.323	-.375	-56.881	1.366	-135532.	-128462.		
120.362	-121.323	-.375	-56.881	1.866	-135532.	-128462.		
197.900	-157.873	-.036	-50.599	1.908	-130669.	-122121.		
263.800	-97.037	.405	-45.603	2.052	-124446.	-115431.		
329.800	-50.435	.372	-40.746	1.819	-121530.	-111344.		
395.752	-75.094	.340	-36.104	1.725	-119466.	-108703.		
462.800	-64.711	.320	-31.046	1.647	-116756.	-105571.		
469.667	-64.711	.320	-31.046	1.647	-116756.	-105571.		
461.259	-62.970	.332	-30.273	1.644	-116253.	-105090.		
461.250	-63.889	2.611	-30.422	2.069	-104224.	-98507.		
492.632	-62.344	2.573	-29.696	2.030	-103643.	-97502.		
492.633	-62.344	2.573	-29.696	2.030	-103643.	-97802.		
527.700	-57.593	2.490	-27.466	1.932	-101849.	-95628.		
577.275	-51.042	2.471	-24.427	1.897	-99558.	-93197.		
577.275	-51.064	-1.869	-24.499	-.231	-91090.	-101487.		
653.800	-40.137	-2.128	-19.453	-.378	-87580.	-96836.		
738.919	-30.067	-2.172	-14.351	-.432	-84264.	-92621.		
738.920	-30.067	-2.172	-14.351	-.432	-84269.	-92821.		
748.918	-28.895	-2.157	-14.275	-.428	-83851.	-92315.		
748.919	-30.236	.629	-14.700	.500	-68972.	-78030.		
758.917	-29.289	.598	-14.210	.477	-66440.	-77415.		
758.918	-29.289	.598	-14.210	.477	-66440.	-77415.		
791.507	-26.055	.538	-12.623	.424	-64732.	-75250.		
857.500	-19.733	.468	-9.538	.374	-62300.	-72370.		
923.400	-13.725	.304	-6.613	.253	-56623.	-65377.		
923.400	-8.614	.130	-4.142	.130	-44921.	-51553.		
1058.300	-4.749	.135	-2.307	.117	-32924.	-37738.		
1121.300	-2.113	.108	-1.024	.081	-21180.	-24242.		
1154.300	-1.201	.098	-.585	.063	-15577.	-17817.		
1187.256	-.567	.036	-.280	.056	-10307.	-11810.		
1220.200	-.197	.095	-.100	.054	-5053.	-5347.		
1253.200	-.052	.035	-.027	.019	-795.	-942.		
1286.200	-.022	.024	-.011	.013	-393.	-472.		
1319.173	.000	.000	-.000	.000	0.	0.		

PREPARED *	*	UNIT INERTIA LOADS	PAGE NO. ***3.2-3/2
CHECKED **	**		MODEL *****0-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. *IG1054-12-1
DATE *****11/11/68*		WING AXIS SYSTEM	CASE ID *** F10305

FUEL WT. 47125.0 LB.	DENSITY 6.500 LB./GAL.	ALTITUDE 25,000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583	B.L. .000
ROTATIONAL AXIS ORIGIN	F.S. 1106.583	B.L. .000

TANK	1	2	3	4	5	6	7	8
WT. 21794.5	.0	.0	.0	.0	22255.0	1703.0	1300.5	

STL.	MX20	MY20	MZ20
.000	-9.139	10.699	112.756
120.301	-7.948	9.434	95.601
120.302	-7.948	9.434	95.601
197.900	-7.255	8.675	84.665
263.800	-6.727	8.093	75.675
329.800	-6.184	7.484	67.375
395.752	-5.649	6.885	59.119
469.800	-5.063	6.230	49.967
469.807	-5.063	6.230	49.987
481.259	-4.973	6.130	48.577
481.260	-4.376	5.056	48.261
492.632	-4.295	4.968	47.092
492.633	-4.295	4.968	47.092
527.780	-4.046	4.698	43.404
577.275	-3.766	4.331	38.132
577.276	-4.068	3.993	38.182
659.800	-3.470	3.446	30.344
738.919	-2.918	2.942	22.986
738.920	-2.918	2.942	22.986
748.916	-2.840	2.879	22.047
748.919	-1.525	1.332	21.262
758.917	-1.473	1.283	20.594
758.918	-1.473	1.283	20.594
791.504	-1.291	1.126	18.326
857.500	-.932	.815	13.808
923.400	-.602	.528	9.632
989.400	-.357	.313	6.099
1055.300	-.188	.165	3.323
1121.300	-.076	.066	1.416
1154.300	-.039	.034	.779
1187.256	-.016	.014	.324
1220.200	-.004	.004	.056
1253.200	-.002	.002	.006
1286.200	-.001	.001	-.006
1319.173	.000	-.000	.000

PREPARED * *	#	UNIT INERTIA LOADS	PAGE NO. **3.2-3/3
CHECKED **	*		MODEL *****C-5A
APPROVED *	*	*** FUEL ***	REPORT NO. *LG1US54-12-
DATE *****11/08/68*			CASE ID *** F10401

FUEL WT. 77187.5 LB.	DENSITY 6.300 LB./GAL.	ALTITUDE -29.000 DEG.
CG40 AXIS ORIGIN	F.S. 1116.583 B.L.	.000 W.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1116.583 B.L.	.000 W.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT.	21794.5	18028.0	.0	.0	15034.5	22256.0	1763.0	1308.5

SFA.	SZMZ	MXMZ	MYNZ	MYNY	SZTDC	SXTDC
.000	-77187.	-45.528	21.256	3.030	55054.	-9195.
120.361	-77187.	-36.238	21.256	2.309	55054.	-9195.
120.362	-77187.	-36.236	21.256	2.309	55054.	-9195.
197.909	-64148.	-30.764	20.266	2.018	52490.	-6387.
263.300	-54663.	-26.844	19.242	1.805	49840.	-4497.
329.300	-47619.	-23.475	18.327	1.596	47468.	-3224.
395.762	-42752.	-20.504	17.583	1.395	45542.	-2426.
469.336	-39926.	-17.473	17.086	1.172	44253.	-2016.
469.387	-39926.	-17.473	17.086	1.172	44253.	-2016.
481.259	-39492.	-17.008	17.009	1.138	44055.	-1953.
481.260	-39492.	-17.008	17.009	1.138	44055.	-1953.
492.632	-39322.	-16.563	16.975	1.104	43968.	-1932.
492.633	-39322.	-16.563	16.975	1.104	43968.	-1932.
527.700	-38801.	-15.192	16.872	.998	43699.	-1867.
577.275	-38590.	-13.275	16.827	.349	43563.	-1844.
577.276	-38590.	-13.275	16.827	.349	43563.	-1844.
659.593	-38740.	-10.147	15.914	.625	41218.	-1538.
738.919	-29864.	-7.588	14.001	.465	36266.	-965.
738.920	-29864.	-7.588	14.001	.465	36266.	-965.
748.915	-29124.	-7.266	13.760	.445	35641.	-893.
748.919	-29124.	-7.266	13.760	.445	35641.	-893.
758.917	-23602.	-6.936	13.579	.427	35171.	-851.
758.918	-23602.	-6.936	13.579	.427	35171.	-851.
791.364	-26930.	-6.073	12.983	.365	33641.	-715.
857.580	-24536.	-4.332	12.127	.244	31410.	-557.
923.400	-21035.	-2.843	10.627	.142	27524.	-373.
939.400	-15200.	-1.647	7.922	.079	20510.	-128.
1035.300	-10019.	-.817	5.375	.038	13922.	10.
1121.300	-5631.	-.305	3.101	.012	8031.	66.
1154.300	-3762.	-.150	2.096	.005	5429.	53.
1187.250	-2121.	-.053	1.195	.001	3098.	40.
1220.200	-731.	-.007	.399	-.000	1033.	16.
1253.200	0.	.000	.000	.000	0.	0.
1266.200	0.	.000	.000	.000	0.	0.
1319.173	0.	.000	.000	.000	0.	0.

PREPARED * * * * *
 CHECKED * * * * *
 APPROVED * * * * *
 DATE *****11/03/88*

UNIT INERTIA LOADS

PAGE NO. **3.2-314
 FUEL ****C-5A
 REPORT NO. IG1US54-12-
 CASE ID *** FIC401

FUEL WT. 77147.5 LB. DENSITY 6.500 LB./GAL. ALTITUDE -29.000 DEG.
 LOAD AXIS ORIGIN F.S. 1106.583 B.L. .000 A.L. 350.250
 ROTATIONAL AXIS ORIGIN F.S. 1106.583 B.L. .000 A.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT.	21794.5	15028.0	.0	.0	15034.5	22256.0	1763.0	1306.5

SIA.	XTOD	MYTOD	MZTOD	MYTOS	SZPD	MXPD
.000	44.394	-21.192	3.251	-4.693	-117922.	-95.374
120.361	38.268	-21.272	2.144	-4.179	-117922.	-81.266
120.362	38.268	-21.278	2.144	-4.179	-117922.	-81.266
197.900	34.105	-21.054	1.540	-3.669	-112562.	-72.326
263.300	30.731	-20.744	1.181	-3.229	-106878.	-65.088
329.300	27.518	-20.427	.928	-2.832	-101478.	-58.217
395.752	24.456	-20.132	.743	-2.484	-96928.	-51.686
469.356	21.144	-19.912	.583	-2.160	-93763.	-44.661
469.387	21.144	-19.912	.583	-2.160	-93763.	-44.661
481.239	20.636	-19.879	.558	-2.110	-93276.	-43.584
481.250	20.636	-19.879	.558	-2.110	-93276.	-43.584
492.632	20.138	-19.863	.536	-2.068	-93058.	-42.530
492.633	20.137	-19.863	.536	-2.068	-93058.	-42.530
527.720	16.500	-19.814	.470	-1.936	-92381.	-39.282
577.276	16.437	-19.796	.378	-1.763	-92065.	-34.719
577.276	16.437	-19.796	.378	-1.763	-92065.	-34.719
659.300	12.388	-19.041	.231	-1.404	-87340.	-27.227
738.919	9.355	-17.418	.136	-1.016	-76658.	-20.793
738.920	9.355	-17.418	.136	-1.016	-76658.	-20.793
748.918	9.473	-17.214	.123	-.967	-75312.	-19.982
748.919	9.473	-17.214	.123	-.967	-75312.	-19.982
758.917	9.126	-17.051	.115	-.928	-74271.	-19.252
758.918	9.126	-17.051	.115	-.928	-74271.	-19.252
791.364	7.998	-16.518	.089	-.802	-70876.	-16.871
857.300	5.858	-15.705	.047	-.588	-65848.	-12.372
923.400	3.671	-14.027	.015	-.374	-57672.	-8.213
989.400	2.288	-10.759	-.002	-.174	-43219.	-4.877
1055.300	1.156	-7.500	-.006	-.047	-29501.	-2.478
1121.300	.440	-4.434	-.004	.014	-17145.	-.945
1154.300	.218	-3.032	-.003	.023	-11635.	-.469
1137.256	.077	-1.747	-.001	.021	-6658.	-.168
1220.200	.010	-.539	-.000	.010	-2232.	-.021
1253.200	.000	.000	.000	.000	0.	.000
1286.200	.000	.000	.000	.000	0.	.000
1319.173	.000	.000	.000	.000	0.	.000

FUEL WT. 77167.5 LB.	DENSITY 6.500 LB./GAL.	ATTITUDE -29.000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583	B.L. .000
ROTATIONAL AXIS ORIGIN	F.S. 1106.583	B.L. .000

TANK	1	2	3	4	5	6	7	8
WT.	21794.5	16028.0	.0	.0	15034.5	22236.0	1743.0	1306.5

SFA.	MYPD	MZPD	MXPS	MXPS100	MYPS100	MZPS100
.000	44.694	1.510	10.053	-3.134	-6.602	-116.669
120.361	44.694	1.510	7.345	-2.669	-5.701	-102.676
120.362	44.694	1.510	7.345	-2.669	-5.701	-102.676
197.960	44.433	1.290	6.603	-2.378	-5.063	-93.492
263.600	43.679	1.084	5.737	-2.145	-4.586	-85.936
329.600	43.173	.916	4.991	-1.915	-4.083	-78.735
395.752	42.479	.792	4.326	-1.692	-3.594	-71.693
469.386	41.924	.719	3.635	-1.441	-3.082	-64.629
469.387	41.924	.719	3.635	-1.441	-3.082	-64.628
481.259	41.838	.708	3.529	-1.403	-2.971	-63.514
481.250	41.838	.708	3.529	-1.403	-2.971	-63.514
492.662	41.794	.704	3.425	-1.364	-2.889	-62.441
492.663	41.794	.704	3.425	-1.364	-2.889	-62.441
527.700	41.660	.691	3.107	-1.245	-2.638	-59.134
577.275	41.597	.686	2.661	-1.077	-2.283	-54.540
577.276	41.597	.686	2.661	-1.077	-2.283	-54.540
659.600	40.076	.586	1.962	-.818	-1.731	-46.274
733.919	36.602	.399	1.440	-.617	-1.305	-38.214
733.920	36.602	.399	1.440	-.617	-1.305	-38.214
748.913	36.165	.375	1.375	-.592	-1.251	-37.198
748.919	36.165	.375	1.375	-.592	-1.251	-37.198
758.917	35.803	.360	1.316	-.563	-1.200	-36.304
758.918	35.803	.360	1.316	-.563	-1.200	-36.303
791.394	34.625	.313	1.123	-.489	-1.034	-33.386
857.600	32.792	.255	.755	-.333	-.767	-28.072
923.400	29.287	.176	.440	-.199	-.425	-22.232
939.400	22.590	.062	.239	-.112	-.241	-15.531
1055.300	15.348	-.007	.110	-.054	-.116	-9.975
1121.600	9.445	-.032	.034	-.013	-.039	-5.376
1134.600	6.484	-.031	.013	-.007	-.016	-3.600
1187.256	3.752	-.023	.002	-.001	-.003	-1.914
1220.200	1.271	-.009	-.001	.001	.001	-.610
1253.200	.000	.000	.000	.000	.000	.000
1286.200	.000	.000	.000	.000	.000	.000
1319.173	.000	.000	.000	.000	.000	.000

PREPARED *	*	UNIT INERTIA LOADS	PAGE NO. **3.2-316
CHECKED **	*		MODEL *****C-5A
APPROVED *	*	*** FUEL ***	REPORT NO.* LG10S54-12-
DATE ***ELL/08/83*			CASE 10 *** F10+01

FUEL WT. 77187.5 LB.	DENSITY 6.500 LB./GAL.	ALTITUDE -29.000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583 S.L.	.000 W.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1106.583 S.L.	.000 W.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT.	21794.5	13028.0	.0	.0	15034.5	22256.1	1703.0	1300.5

STA.	MZPOSIDS	MYOR	MYPR	MZPO
.000	.000	-95.677	21.496	74.181
120.381	6.625	-31.398	21.410	59.998
120.382	6.626	-31.398	21.410	59.998
197.900	10.388	-72.438	21.166	51.272
263.300	13.148	-65.192	20.848	44.344
329.300	15.655	-58.307	20.517	37.790
395.752	18.023	-51.751	20.207	31.554
469.386	20.779	-44.716	19.967	24.749
469.387	20.779	-44.716	19.967	24.749
431.259	21.202	-43.636	19.930	23.705
431.260	21.202	-43.636	19.930	23.705
492.632	21.657	-42.579	19.911	22.667
492.633	21.657	-42.579	19.911	22.667
527.700	23.060	-39.320	19.852	19.468
577.275	25.159	-34.743	19.821	14.923
577.276	25.159	-34.743	19.821	14.923
659.300	27.137	-27.233	19.048	8.195
738.919	26.747	-20.795	17.421	3.375
738.920	26.747	-20.795	17.421	3.375
748.918	26.692	-19.984	17.216	2.768
748.919	26.692	-19.984	17.216	2.768
758.917	26.677	-19.253	17.052	2.201
758.918	26.677	-19.253	17.052	2.201
791.304	26.627	-16.870	16.517	.353
857.300	26.934	-12.367	15.790	-3.334
923.400	25.416	-8.205	14.019	-5.314
939.400	20.302	-4.871	10.754	-5.382
1055.300	14.692	-2.475	7.497	-5.022
1121.300	9.005	-.944	4.433	-3.469
1154.300	6.267	-.468	3.031	-2.562
1137.256	3.674	-.167	1.746	-1.579
1220.200	1.261	-.021	.569	-.566
1253.200	.000	.000	.000	.000
1286.200	.000	.000	.000	.000
1319.173	.000	.000	.000	.000

PREPARED *	*	UNIT I TERTIA LOADS	PAGE NO. **3.2- 3/7
CHECKED **	*		MODEL *****C-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. *LG1US54-12-
DATE *****11/06/66*			CASE 12 *** F104C1

FUEL WT. 77187.5 LB.	DENSITY 6.500 LB./GAL.	ATTITUDE -29.000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583 3.L.	.000 W.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1106.583 3.L.	.000 W.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT.	21794.5	15028.0	.0	.0	15034.5	22256.1	1763.9	1306.5

SFA.	S2NZ	MXNZ	MYNZ	MYNY	SZTOL	SXTOL
.000	-144662.	-81.664	38.308	7.511	99220.	-12483.
126.361	-138279.	-64.577	37.479	6.235	97074.	-11038.
120.362	-138279.	-64.577	37.479	6.235	97074.	-11038.
197.900	-121269.	-54.522	35.832	5.625	92809.	-7388.
263.800	-108772.	-46.939	34.272	5.159	88766.	-4889.
329.800	-97658.	-40.111	32.335	4.705	83751.	-2904.
395.752	-89777.	-33.956	30.874	4.284	79967.	-1536.
469.886	-83801.	-27.562	29.564	3.827	76574.	-690.
469.867	-83801.	-27.562	29.564	3.827	76574.	-690.
481.259	-82884.	-26.581	29.363	3.757	76054.	-552.
481.260	-71973.	-26.613	28.416	2.783	73603.	-1722.
492.632	-71203.	-25.817	28.195	2.725	73027.	-1620.
492.633	-71203.	-25.817	28.195	2.725	73027.	-1620.
527.700	-68831.	-23.362	27.512	2.545	71259.	-1306.
577.275	-66569.	-20.005	26.855	2.303	69554.	-1010.
577.276	-66569.	-20.005	26.855	2.303	69554.	-1010.
639.600	-60550.	-14.710	24.828	1.932	64304.	-533.
738.919	-52148.	-10.286	22.000	1.647	56981.	430.
738.920	-52148.	-10.286	22.000	1.647	56981.	430.
748.918	-51089.	-9.728	21.643	1.511	56056.	583.
748.919	-46142.	-9.767	19.177	.605	49689.	-1255.
758.917	-39242.	-9.387	18.840	.580	48796.	-1183.
758.918	-39242.	-9.387	18.840	.580	48796.	-1183.
791.554	-36311.	-8.150	17.744	.499	45957.	-943.
857.500	-32394.	-5.887	16.224	.344	42022.	-679.
923.400	-27233.	-3.900	13.951	.212	36133.	-409.
989.400	-19916.	-2.347	10.520	.126	27247.	-110.
1038.300	-13729.	-1.243	7.482	.067	19373.	53.
1121.300	-8236.	-.522	4.622	.024	11972.	111.
1154.300	-5852.	-.291	3.333	.016	8633.	106.
1187.256	-3795.	-.133	2.201	.007	5702.	86.
1220.200	-1907.	-.042	1.143	.002	2961.	53.
1253.300	-332.	-.010	.212	.001	550.	12.
1286.200	-162.	-.003	.107	.000	273.	7.
1319.173	0.	.000	.000	.000	0.	0.

PREPARED *	*	UNIT I ERTIA LOADS	PAGE NO. **3.2-3/8
CHECKED **	*		MODEL ***#C-5A
APPROVED *	*	*** WING (F EL INCLUDED) ***	REPORT NO. #LG10S54-12-
DATE *****11/28/82*			CASE ID *** F10+01

FUEL WT. 77167.5 LB.	DENSITY 6.500 LB./GAL.	ALTITUDE -29.000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583 B.L.	.000 H.L. 550.250
ROTATIONAL AXIS ORIGIN	F.S. 1106.583 B.L.	.000 H.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT.	21794.7	15028.0	.0	.0	15034.5	22256.7	1748.0	1308.5

STA.	MYTOD	MYTOD	MZTOD	MYTOS	SZPO	MXPO
.000	73.604	-37.106	3.380	-8.459	-211504.	-160.563
120.361	61.768	-36.817	1.944	-7.369	-210368.	-135.219
120.362	61.768	-36.817	1.944	-7.369	-210368.	-135.219
197.200	54.412	-36.181	1.231	-6.437	-203357.	-119.165
263.800	46.429	-35.538	.826	-5.750	-195897.	-105.994
329.800	42.733	-34.380	.565	-4.996	-187311.	-93.324
396.762	37.349	-33.546	.422	-4.361	-179972.	-81.226
469.656	31.671	-32.693	.342	-3.739	-173201.	-68.168
469.667	31.671	-32.693	.342	-3.739	-173201.	-68.167
481.259	30.684	-32.562	.330	-3.643	-172182.	-66.164
481.260	30.692	-32.106	.326	-3.526	-158644.	-66.072
492.632	29.671	-31.922	.310	-3.435	-157651.	-64.297
492.633	29.671	-31.922	.310	-3.435	-157651.	-64.297
527.700	27.339	-31.347	.258	-3.157	-154567.	-58.822
577.275	23.647	-30.817	.201	-2.814	-151348.	-51.238
577.276	23.647	-30.817	.201	-2.814	-151348.	-51.238
659.600	18.267	-28.970	.138	-2.191	-141548.	-39.071
736.919	13.521	-26.434	.147	-1.596	-126228.	-28.510
736.920	13.521	-26.434	.147	-1.596	-126228.	-28.510
748.918	12.920	-26.114	.148	-1.521	-124297.	-27.178
748.919	12.943	-24.365	.141	-1.348	-103161.	-27.054
753.317	12.467	-24.029	.131	-1.288	-101374.	-26.066
753.916	12.467	-24.029	.131	-1.288	-101374.	-26.066
791.604	10.917	-22.935	.096	-1.095	-95551.	-22.646
857.900	8.020	-21.376	.042	-.786	-87192.	-16.822
923.400	5.416	-18.743	.005	-.491	-75234.	-11.413
989.400	3.332	-14.528	-.013	-.231	-57114.	-7.043
1058.300	1.804	-10.630	-.015	-.165	-40748.	-3.814
1121.300	.772	-6.760	-.010	.021	-25271.	-1.640
1151.300	.440	-4.946	-.007	.037	-18249.	-.925
1187.266	.206	-3.327	-.004	.039	-12015.	-.430
1220.200	.067	-1.785	-.001	.028	-6138.	-.137
1253.200	.017	-.354	-.000	.007	-1104.	-.035
1286.200	.005	-.105	-.000	.004	-547.	-.011
1319.173	.000	.000	.000	.000	.0	.000

PREPARED *		UNIT INERTIA LOADS	PAGE NO. **3.2-319
CHECKED **	*		MODEL *****C-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. *LG1US54-12-
DATE *****11/01/68*			CASE ID *** F10401

FUEL WT. 77187.5 LB.	DENSITY 6.500 LB./GAL.	ALTITUDE -29.000 DEG.
LOAD AXIS ORIGIN	F.S. 1176.583 B.L.	.000 S.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1176.583 B.L.	.000 S.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT.	21704.5	18028.0	.0	.0	15034.5	22256.0	1768.0	1306.5

STA.	MYPD	NZPD	MXPS	MXPSID0	MYPSID0	NZPSID0
.000	73.604	2.464	13.036	-5.945	-14.657	-197.178
120.361	73.452	2.273	14.641	-5.996	-12.696	-171.371
120.362	73.452	2.273	14.641	-5.996	-12.696	-171.371
197.900	72.779	1.907	12.753	-4.579	-11.622	-154.670
263.600	71.845	1.589	11.400	-4.161	-10.574	-140.860
329.800	70.354	1.232	10.217	-3.764	-9.681	-127.033
395.752	68.996	.981	9.138	-3.381	-8.766	-114.106
469.886	67.513	.780	8.142	-2.959	-7.800	-100.200
469.887	67.513	.780	8.142	-2.959	-7.800	-100.200
431.259	67.286	.749	7.982	-2.894	-7.652	-98.667
481.280	66.112	.861	6.771	-2.665	-6.465	-97.767
492.632	65.526	.831	6.621	-2.605	-6.312	-95.805
492.633	65.526	.831	6.621	-2.605	-6.312	-95.805
527.700	64.942	.737	6.159	-2.420	-5.901	-89.753
577.275	64.000	.650	5.540	-2.164	-5.369	-81.636
577.276	64.000	.650	5.540	-2.164	-5.369	-81.636
659.600	60.705	.420	4.599	-1.771	-4.480	-67.627
738.919	55.552	.142	3.897	-1.455	-3.751	-54.547
738.920	55.552	.142	3.897	-1.455	-3.751	-54.547
748.918	54.903	.106	3.809	-1.415	-3.681	-52.698
748.919	50.141	.532	1.860	-.815	-1.718	-51.404
758.917	49.472	.505	1.781	-.783	-1.661	-50.080
758.918	49.472	.505	1.781	-.783	-1.661	-50.080
791.504	47.293	.416	1.527	-.679	-1.421	-45.764
857.500	44.053	.310	1.049	-.476	-1.007	-38.173
923.400	38.783	.190	.646	-.302	-.641	-30.135
939.400	36.290	.048	.375	-.183	-.368	-21.552
1055.300	22.254	-.032	.123	-.098	-.213	-14.447
1121.300	14.202	-.064	.080	-.042	-.090	-8.597
1154.300	10.405	-.061	.043	-.024	-.080	-5.809
1137.256	6.976	-.050	.020	-.011	-.023	-3.756
1220.200	3.680	-.032	.007	-.004	-.013	-1.921
1253.200	.706	-.008	.002	-.001	-.003	-.383
1238.200	.362	-.005	.001	-.001	-.001	-.195
1319.173	.000	.000	.000	.000	.000	.000

PREPARED *	*	UNIT I INERTIA LOADS	PAGE NO. **3.2-320
CHECKED **	*		MODEL *****C-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. *IG1US54-12-
DATE *****11/06/68*			CASE ID *** F10401

FUEL WT. 77187.5 LB.	DENSITY 6.500 LB./GAL.	ATTITUDE -29.000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583 B.L.	.000 W.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1106.583 B.L.	.010 W.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT.	2179.5	15023.0	.0	.0	15034.5	22256.0	1768.0	1306.5

STA.	MZPSIDS	MYOR	MYPR	MZPD
.000	.000	-160.072	36.615	123.457
120.361	11.684	-134.554	36.152	98.402
120.362	11.684	-134.554	36.152	98.401
197.920	18.367	-118.490	35.506	82.394
253.800	23.417	-105.322	34.866	70.456
329.300	27.621	-92.653	33.709	58.944
395.752	31.647	-80.551	32.880	47.680
469.386	35.943	-67.507	32.033	35.475
469.387	35.943	-67.507	32.033	35.475
481.259	36.602	-65.505	31.903	33.602
481.260	35.421	-65.660	31.695	33.264
492.632	35.955	-63.883	31.508	32.375
492.633	35.955	-63.883	31.508	32.375
527.700	37.603	-58.406	30.930	27.476
577.275	40.153	-50.820	30.399	20.421
577.276	40.153	-50.819	30.399	20.421
659.500	42.417	-38.657	28.555	10.101
738.919	42.031	-28.113	26.037	2.076
738.920	42.031	-28.113	26.037	2.076
748.918	41.983	-26.734	25.720	1.364
748.919	37.198	-27.039	24.350	2.569
758.917	37.005	-26.051	24.014	2.137
758.918	37.005	-26.051	24.014	2.137
791.504	36.375	-22.820	22.919	-.090
857.500	36.033	-18.302	21.356	-4.554
923.500	33.367	-11.392	13.721	-7.329
939.500	26.958	-7.024	14.510	-7.486
1055.500	20.450	-3.808	10.632	-6.324
1121.500	13.424	-1.657	6.757	-5.120
1154.500	9.965	-.923	4.944	-4.021
1187.256	6.770	-.429	3.326	-2.898
1220.200	3.613	-.136	1.784	-1.548
1253.200	.639	-.034	.353	-.319
1286.200	.357	-.011	.184	-.174
1319.173	.000	.000	.000	.000

PREPARED *	*	CHIEF INERTIA LOADS	PAGE NO. **3.2-32/
CHECKED **	*		MODEL *****0-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. *IG1US54-12-
DATE ***11/04/63*		SWEEP AXIS SYSTEM	CASE ID *** F10401

FUEL WT. 77187.5 LB.	DENSITY 6.500 LB./GAL.	ALTITUDE -29.000 DEG.
LOAD AXIS ORIGIN	F.S. 1136.583 B.L.	W.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1136.583 B.L.	W.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT.	21794.5	15028.0	.0	.0	15034.5	22256.0	1763.0	1300.5

STA.	SXNX	SYNX	AXNX	AYNX	AZNX	AZNY
.000	-137310.	-45531.	-2.364	7.129	81.684	-22.592
120.361	-131231.	-43522.	-1.962	5.918	64.577	-16.938
120.362	-131251.	-43522.	-1.962	5.913	64.577	-16.938
147.000	-115125.	-34174.	-1.770	5.333	64.582	-14.897
253.300	-103244.	-34235.	-1.624	4.896	46.989	-12.941
329.300	-92695.	-30737.	-1.481	4.466	40.111	-11.047
395.752	-85214.	-28255.	-1.348	4.066	33.956	-9.340
469.336	-79542.	-26375.	-1.205	3.633	27.582	-7.404
469.337	-79542.	-26375.	-1.205	3.633	27.582	-7.404
481.259	-78072.	-26087.	-1.183	3.566	26.561	-7.133
481.260	-68315.	-22553.	-.876	2.641	26.613	-9.112
492.632	-67584.	-22410.	-.858	2.586	25.817	-8.829
492.633	-67584.	-22410.	-.858	2.586	25.817	-8.829
527.740	-65333.	-21664.	-.801	2.416	23.362	-7.991
577.275	-63186.	-20952.	-.725	2.186	20.005	-6.830
577.276	-61129.	-26353.	-.912	2.115	20.005	-6.831
659.300	-55801.	-23974.	-.765	1.774	14.710	-4.511
738.919	-47886.	-20648.	-.652	1.513	10.286	-2.718
738.920	-47886.	-20648.	-.652	1.513	10.286	-2.718
748.916	-46914.	-20229.	-.638	1.430	9.728	-2.533
748.919	-36861.	-15804.	-.239	.555	9.787	-4.161
758.917	-36035.	-15533.	-.236	.533	9.387	-3.992
758.918	-36035.	-15533.	-.236	.533	9.387	-3.992
791.304	-33543.	-14377.	-.196	.458	8.150	-3.494
857.340	-29747.	-12826.	-.136	.316	5.827	-2.590
923.380	-25007.	-10783.	-.064	.195	3.980	-1.716
989.400	-13289.	-7885.	-.050	.116	2.347	-1.095
1055.340	-12607.	-6436.	-.026	.061	1.243	-.533
1121.300	-7563.	-3261.	-.011	.026	.522	-.219
1154.300	-5374.	-2317.	-.006	.014	.291	-.121
1137.260	-3465.	-1503.	-.003	.007	.133	-.065
1220.200	-1752.	-755.	-.001	.002	.042	-.042
1255.200	-305.	-131.	-.000	.001	.010	-.010
1286.200	-149.	-64.	-.000	.000	.003	-.009
1319.173	0.	0.	-.000	.000	-.000	-.000

PREPARED * *	UNIT INERTIA LOADS	PAGE NO. **3.2-322
CHECKED * *		MODEL *****C-5A
APPROVED * *	*** WING (FUEL INCLUDED) ***	REPORT NO. *IG1US54-12-
DATE *****11/03/68*	SAFETY AXIS SYSTEM	CASE ID *** F10+01

FUEL WT. 77167.5 LB.	DENSITY 6.500 LB./GAL.	ALTITUDE -29.000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583 B.L.	.000 F.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1106.583 B.L.	.000 F.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT.	21794.5	15028.0	.0	.0	15034.5	22256.0	1768.0	1308.5

STA.	SCHZ	YX4Z	MY4Z	SKT00	SYT00	SZT00
.000	-144062.	-84.644	-4.265	-11553.	-3930.	99220.
120.341	-138279.	-66.627	-4.247	-10477.	-3474.	97074.
120.352	-138279.	-66.626	-4.247	-10477.	-3474.	97074.
197.900	-121289.	-55.377	-3.210	-7312.	-2325.	92209.
263.800	-108772.	-48.627	-2.491	-4640.	-1539.	88766.
329.600	-97658.	-41.549	-2.139	-2756.	-914.	83751.
395.752	-89777.	-35.170	-1.822	-1595.	-499.	79967.
469.386	-83801.	-28.491	-1.647	-655.	-217.	76574.
469.387	-83801.	-28.491	-1.647	-655.	-217.	76574.
481.259	-82384.	-27.475	-1.596	-524.	-174.	76054.
481.260	-71973.	-23.120	.273	-1635.	-542.	73600.
492.532	-71203.	-27.284	.254	-1538.	-510.	73027.
492.533	-71203.	-27.284	.254	-1538.	-510.	73027.
527.700	-68831.	-24.690	.232	-1240.	-411.	71259.
577.275	-66569.	-21.154	.234	-959.	-315.	69556.
577.276	-66569.	-21.094	-1.503	-927.	-401.	69556.
659.500	-60550.	-15.294	-1.682	-311.	-134.	64303.
738.919	-52148.	-10.521	-1.577	440.	190.	56981.
738.920	-52148.	-10.521	-1.577	440.	190.	56981.
748.918	-51039.	-9.936	-1.526	535.	231.	56058.
748.919	-43142.	-10.616	-.046	-1152.	-497.	49609.
758.917	-39242.	-10.201	-.051	-1086.	-468.	48798.
758.918	-39242.	-10.201	-.051	-1086.	-468.	48798.
791.504	-36311.	-8.860	-.019	-870.	-375.	45957.
857.500	-32394.	-6.432	.047	-624.	-269.	42022.
923.400	-27233.	-4.261	.031	-375.	-162.	36135.
969.400	-19916.	-2.553	-.007	-101.	-41.	27247.
1055.300	-13729.	-1.352	-.003	49.	21.	19376.
1121.300	-8235.	-.566	-.005	102.	44.	11972.
1154.300	-5352.	-.315	-.004	97.	42.	8633.
1187.200	-3795.	-.148	.007	79.	34.	5702.
1220.200	-1907.	-.055	.022	49.	21.	2961.
1253.200	-332.	-.016	.010	11.	5.	550.
1286.200	-162.	-.006	.007	6.	3.	273.
1319.175	0.	-.000	.000	0.	0.	0.

PREPARED * *	UNIT INERTIA LOADS	PAGE NO. **3.2-323
CHECKED * *		MODEL *****C-5A
APPROVED * *	*** WING (FUEL INCLUDED) ***	REPORT NO. *IG1US54-12-
DATE *****11/06/68*	SWEEP AXIS SYSTEM	CASE ID *** F10401

FUEL WT. 27187.5 LB.	DENSITY 6.500 LB./GAL.	ALTITUDE -29.000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583 B.L. .000	Y.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1106.583 B.L. .000	Y.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT.	21797.0	15028.0	.0	.0	15034.5	22256.0	1703.0	1300.5

STA.	XZTOD	WYXOD	WZTOD	SXZOS	SYXOS	SZTOS
.000	78.149	-1.823	3.380	94178.	31228.	12486.
120.301	65.679	-1.812	1.944	92141.	30553.	11038.
120.302	65.678	-1.818	1.944	92141.	30553.	11036.
197.900	57.944	-1.806	1.231	88292.	29210.	7388.
263.000	51.674	-1.966	.826	84255.	27938.	4809.
329.800	45.636	-1.854	.565	79495.	26380.	2904.
395.752	39.972	-1.380	.422	75903.	25169.	1586.
469.800	33.883	-1.874	.342	72683.	24101.	690.
469.807	33.882	-1.874	.342	72683.	24101.	690.
481.269	32.953	-1.868	.330	72189.	23937.	552.
481.260	33.024	-2.074	.326	69260.	23165.	1722.
492.632	32.148	-2.045	.310	69315.	22984.	1620.
492.633	32.148	-2.045	.310	69315.	22984.	1620.
527.700	22.455	-1.966	.258	67637.	22428.	1306.
577.275	25.766	-1.935	.201	66021.	21890.	1010.
577.276	25.837	.309	.201	63872.	27540.	1010.
659.500	19.720	.453	.138	59052.	25402.	358.
738.919	14.540	.427	.147	52324.	22562.	-480.
738.920	14.540	.427	.147	52324.	22562.	-480.
748.918	13.901	.391	.148	51477.	22196.	-583.
748.919	14.170	-.138	.141	45510.	19000.	1255.
753.917	13.652	-.170	.131	44510.	19321.	1183.
753.918	13.652	-.174	.131	44509.	19321.	1183.
791.504	11.966	-.177	.096	42201.	18197.	948.
857.500	6.625	-.213	.042	38587.	16638.	679.
923.400	5.966	-.168	.005	33182.	14307.	409.
939.400	3.653	-.068	-.013	25020.	10780.	110.
1055.300	1.985	-.047	-.015	17794.	7070.	-53.
1121.500	.857	-.022	-.010	10994.	4740.	-111.
1154.500	.486	-.016	-.007	7927.	3410.	-106.
1187.256	.235	-.026	-.004	5236.	2250.	-66.
1220.250	.091	-.043	-.001	2719.	1172.	-53.
1253.250	.027	-.019	-.000	505.	218.	-12.
1285.250	.011	-.013	-.000	255.	110.	-7.
1319.173	-.000	.000	.000	0.	0.	-0.

PREPARED *	UNIT INERTIA LOADS	PAGE NO. **3.2-324
CHECKED **		MODEL *****C-5A
APPROVED *	*** WING (FUEL INCLUDED) ***	REPORT NO. *LG1US54-12-
DATE *****11/22/66*	SWEEP AXIS SYSTEM	USE ID *** F10401

FUEL WT. 77187.5 LB.	DENSITY 6.500 LB./GAL.	ALTITUDE -29,000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583 B.L.	.000 W.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1106.583 B.L.	.000 W.L. 285.000

TANK	1	2	3	4	5	6	7	8
WT. 21794.5	15028.0	.0	.0	15034.5	22256.0	1748.0	1316.5	

SL.	XATDS	XYIDS	MZTDS	SYZDS	MYZDS	WYPD
.000	5.443	-5.677	-73.604	-211569.	-188.335	-2.487
120.361	3.649	-4.826	-61.768	-210368.	-141.630	-2.500
120.362	3.649	-4.826	-61.768	-210368.	-141.630	-2.500
197.200	2.805	-4.542	-64.412	-203387.	-124.880	-2.066
263.800	2.292	-4.238	-48.429	-195897.	-111.128	-1.631
329.300	1.910	-3.964	-42.733	-187311.	-97.872	-1.351
395.752	1.653	-3.646	-37.349	-179972.	-85.227	-1.050
469.886	1.444	-3.268	-31.571	-173201.	-71.527	-.847
469.887	1.444	-3.268	-31.571	-173200.	-71.536	-.847
481.259	1.413	-3.214	-30.684	-172162.	-69.446	-.788
481.260	1.274	-2.805	-30.692	-158644.	-70.130	1.569
492.632	1.236	-2.745	-29.871	-157650.	-68.261	1.544
492.633	1.236	-2.745	-29.871	-157650.	-68.261	1.544
527.700	1.122	-2.563	-27.339	-154537.	-62.474	1.513
577.275	.981	-2.320	-23.847	-151348.	-54.484	1.517
577.276	1.173	-2.226	-23.847	-151348.	-54.489	-3.218
659.380	.949	-1.853	-18.287	-141545.	-41.108	-3.340
738.919	.837	-1.570	-13.521	-126228.	-29.685	-3.135
738.920	.837	-1.570	-13.521	-126228.	-29.685	-3.135
748.918	.824	-1.539	-12.920	-124297.	-28.266	-3.041
748.919	.478	-.751	-12.943	-103131.	-29.417	-.104
758.917	.453	-.720	-12.467	-101374.	-28.387	-.114
758.918	.453	-.720	-12.467	-101374.	-28.387	-.114
791.004	.374	-.626	-10.917	-95550.	-24.887	-.050
857.500	.236	-.443	-8.020	-87196.	-18.389	.092
923.400	.126	-.291	-5.416	-75234.	-12.483	.054
989.700	.059	-.159	-3.332	-57116.	-7.558	-.031
1055.300	.022	-.091	-1.304	-40744.	-4.148	-.013
1121.300	.006	-.039	-.776	-25270.	-1.780	-.014
1134.300	.002	-.022	-.440	-18249.	-1.063	-.009
1137.256	.000	-.010	-.206	-12615.	-.478	.023
1229.200	-.000	-.003	-.067	-6136.	-.180	.072
1253.200	-.000	-.001	-.017	-1104.	-.083	.035
1286.200	-.000	-.000	-.005	-547.	-.022	.024
1319.173	.000	.000	-.000	0.	-.000	.000

PREPARED *	*	UNIT INERTIA LOADS				PAGE NO. **3.2-325	
CHECKED **	*					MODEL ****C-5A	
APPROVED *	*	*** WING (FUEL INCLUDED) ***				REPORT NO. *IG1US54-12-	
DATE ****11/23/68*		SCEPT AXIS SYSTEM				CASE II *** F10.01	
FUEL WT. 17187.5 LB.	DENSITY 6.500 LB./GAL.		ALTITUDE -29.000 DEG.				
LOAD AXIS ORIGIN	F.S. 1106.583	B.L.	.000	A.L.	350.250		
ROTATIONAL AXIS ORIGIN	F.S. 1106.583	B.L.	.000	A.L.	265.000		
TANK	1	2	3	4	5	6	7
WT. 21794.5	15924.0	.0	.0	15034.5	22256.0	1728.0	1306.5
ST.	WZPS	SYPS	SYPS	SYPS	SYPS	WZPS	WZPS
.000	1.107	-66539.	200816.	17.468	4.626	50.820	
120.361	.633	-66211.	199677.	14.086	4.007	42.203	
120.362	.633	-66211.	199677.	14.096	4.007	42.203	
137.900	.620	-64014.	193051.	12.300	3.426	37.337	
253.300	.631	-61656.	185841.	11.019	2.990	33.426	
329.800	.599	-58954.	177791.	9.886	2.647	29.522	
395.752	.600	-56644.	170326.	8.910	2.322	25.826	
469.856	.598	-54513.	164398.	7.916	1.995	21.711	
469.867	.598	-54513.	164398.	7.916	1.995	21.711	
481.259	.601	-54186.	163412.	7.765	1.942	21.109	
481.260	.399	-49931.	150582.	6.552	1.752	23.562	
492.632	.390	-49613.	149638.	6.407	1.714	22.947	
492.633	.390	-49613.	149638.	6.407	1.714	22.947	
527.700	.366	-48654.	146730.	5.961	1.591	21.099	
577.275	.347	-47635.	143657.	5.367	1.414	18.588	
577.276	.347	-39926.	138079.	5.224	1.815	18.588	
659.000	.306	-56044.	129977.	4.348	1.540	13.210	
738.019	.319	-49979.	115912.	3.705	1.260	8.879	
738.920	.319	-49979.	115911.	3.705	1.260	8.879	
748.918	.324	-49215.	114139.	3.626	1.210	8.408	
748.919	.063	-40846.	94730.	1.733	.678	11.552	
758.917	.058	-40139.	93089.	1.659	.682	11.115	
758.918	.058	-40139.	93089.	1.659	.682	11.115	
791.504	.044	-37833.	87741.	1.119	.584	9.797	
837.510	.024	-34525.	80070.	.973	.393	7.354	
923.493	.006	-29789.	69086.	.505	.260	4.981	
989.400	-.005	-22613.	52448.	.343	.153	3.003	
1055.300	-.006	-16133.	37414.	.175	.022	1.630	
1121.300	-.004	-10005.	23205.	.071	.026	.692	
1154.300	-.003	-7225.	16758.	.039	.020	.389	
1187.260	-.002	-4757.	11033.	.018	.010	.210	
1220.200	-.001	-2430.	5635.	.006	.004	.138	
1253.200	-.001	-437.	1014.	.002	.001	.053	
1266.200	-.000	-217.	503.	.001	.001	.031	
1319.173	.000	0.	-0.	.000	.000	.000	

PREPARED *	*	UNIT INERTIA LOADS	PAGE NO. **3.2-326
CHECKED **	*		MODEL *****C-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. IG10554-12-1
DATE *****11/06/68*		SWEPT AXIS SYSTEM	CASE I. *** F10-01

FUEL WT. 77167.5 LB.	DENSITY 6.500 LB./GAL.	ALTITUDE -29.000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583 B.L.	.000 W.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1106.583 B.L.	.000 W.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT.	21794.3	15023.0	.0	.0	15034.5	20256.0	1718.0	1306.5

ST.	XPSP100	SYSP100	XPSP100	MYSP100	XPSP100	MYSP100
.000	232045.	73442.	-1.077	-15.799	-136.399	-22.964
120.361	230230.	76688.	-.841	-13.655	-156.951	-19.565
120.362	230230.	76688.	-.841	-13.655	-156.951	-19.565
197.910	222261.	71026.	-.720	-12.378	-138.448	-17.075
263.800	213879.	66297.	-.621	-11.346	-123.452	-15.000
329.800	204151.	61710.	-.535	-10.345	-108.776	-13.211
395.752	195994.	56149.	-.450	-9.385	-94.925	-11.522
469.836	188499.	55167.	-.353	-8.335	-79.951	-9.859
469.837	188499.	55167.	-.353	-8.335	-79.950	-9.859
461.239	187349.	54710.	-.330	-8.174	-77.658	-9.575
481.280	173747.	51566.	-.501	-6.956	-78.027	-7.130
492.032	172622.	51156.	-.486	-6.811	-75.943	-6.923
492.033	172622.	51156.	-.486	-6.811	-75.942	-6.923
527.700	169158.	49094.	-.440	-6.362	-69.543	-6.240
577.275	165549.	46594.	-.374	-5.749	-60.766	-5.259
577.276	165520.	46553.	.127	-5.750	-60.766	-5.259
659.000	155440.	56355.	.140	-4.797	-46.043	-5.078
738.919	135473.	49539.	.149	-4.020	-33.473	-4.641
738.920	136473.	49539.	.149	-4.020	-33.473	-4.641
748.918	136335.	48680.	.151	-3.922	-31.929	-4.512
748.919	114397.	41999.	-.068	-1.900	-32.825	-1.391
758.017	112411.	41225.	-.066	-1.826	-31.516	-1.352
758.018	112411.	41225.	-.066	-1.826	-31.516	-1.352
791.504	105936.	38703.	-.057	-1.583	-27.730	-1.121
857.300	96708.	35149.	-.038	-1.113	-20.482	-.666
920.400	83393.	30164.	-.023	-.708	-13.899	-.436
989.400	63236.	22716.	-.014	-.429	-8.585	-.329
1055.300	45087.	16084.	-.007	-.210	-4.688	-.174
1121.300	27946.	9904.	-.003	-.099	-1.997	-.086
1154.300	26176.	7123.	-.002	-.056	-1.170	-.051
1187.250	13291.	4678.	-.001	-.026	-.545	.004
1220.200	6807.	2381.	-.000	-.009	-.211	.071
1253.200	1232.	426.	-.000	-.003	-.063	.036
1286.200	513.	210.	-.000	-.001	-.027	.025
1319.173	-0.	-0.	-.000	.000	.000	.000

PREPARED *	*	UNIT INERTIA LOADS	PAGE NO. *3.2-327
CHECKED **	*		MODEL *****C-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. IG10S54-12-
DATE *****11/05/68*		SKEPT AXIS SYSTEM	CASE ID *** F10401

FUEL WT. 77187.5 LB.	DENSITY 6.500 LB./GAL.	ATTITUDE -29.000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583 B.L.	.000 A.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1106.583 B.L.	.000 A.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT.	21794.5	15028.0	.0	.0	13034.5	22256.0	1743.0	1306.5

STA.	MXOR	MYOR	MXPR	MYPR	SX20	SY20
.000	-167.869	-2.333	-77.995	1.357	-169588.	-160786.
120.361	-140.998	-2.291	-65.469	1.187	-169124.	-158351.
120.362	-140.998	-2.291	-65.469	1.187	-169124.	-158351.
197.900	-124.219	-1.853	-57.732	1.225	-163841.	-152106.
265.800	-110.491	-1.419	-51.462	1.329	-158003.	-145911.
329.800	-97.236	-1.140	-45.425	1.217	-151432.	-138449.
395.752	-84.595	-.841	-39.763	1.248	-145657.	-132547.
469.386	-70.910	-.630	-33.675	1.243	-140297.	-127195.
469.887	-70.910	-.630	-33.675	1.243	-140297.	-127195.
481.259	-59.820	-.580	-32.745	1.262	-139473.	-126375.
481.260	-59.738	1.690	-32.894	1.687	-127417.	-119791.
492.632	-57.859	1.674	-32.018	1.653	-126654.	-118934.
492.633	-57.859	1.674	-32.018	1.653	-126654.	-118934.
527.700	-62.079	1.644	-29.324	1.571	-124308.	-116292.
577.275	-54.087	1.648	-25.634	1.538	-121765.	-113656.
577.276	-54.026	-3.053	-25.671	-.695	-111432.	-123797.
659.600	-40.728	-3.176	-19.555	-.334	-104515.	-115097.
738.919	-29.331	-2.978	-14.383	-.791	-93350.	-102304.
738.920	-29.331	-2.977	-14.383	-.791	-93350.	-102304.
746.916	-27.924	-2.884	-13.745	-.753	-91943.	-100692.
746.919	-29.404	-.098	-14.170	.175	-7506-.	-86456.
758.917	-28.323	-.108	-13.646	.160	-73766.	-84943.
758.918	-28.323	-.108	-13.646	.160	-73766.	-84943.
791.504	-24.842	-.043	-11.959	.162	-69543.	-80034.
857.500	-18.340	.100	-8.817	.194	-63432.	-73112.
923.400	-12.433	.063	-5.958	.139	-54773.	-62970.
989.400	-7.639	-.024	-3.650	.051	-41560.	-47635.
1055.300	-4.143	-.011	-1.983	.042	-29743.	-35927.
1121.300	-1.777	-.013	-.355	.019	-18465.	-21080.
1154.300	-1.001	-.009	-.485	.015	-13340.	-15153.
1187.256	-.477	.023	-.235	.024	-8775.	-9993.
1220.200	-.179	.072	-.091	.042	-4462.	-5149.
1253.200	-.052	.035	-.027	.019	-796.	-942.
1286.200	-.022	.024	-.011	.013	-393.	-472.
1319.173	.000	.000	-.000	.000	0.	0.

PREPARED *	*	UNIT INERTIA LOADS				PAGE NO. **3.2-328		
CHECKED **	*					MODEL ****C-5A		
APPROVED *	*	*** WING (FUEL INCLUDED) ***				REPORT NO. *IG1US54-12-1		
DATE ***** 1/05/68*		SLEPT AXIS SYSTEM				CASE ID *** F10401		
FUEL WT. 77127.5 LB.		DENSITY 6.500 LB./GAL.				ALTITUDE -29,000 DEG.		
LOAD AXIS ORIGIN		F.S. 1106.583	B.L.	.000		A.L. 350.250		
ROTATIONAL AXIS ORIGIN		F.S. 1106.583	B.L.	.000		A.L. 265.000		
TANK 1	2	3	4	5	6	7	8	
WT. 21794.5	15028.0	.0	.0	15034.5	22256.0	1748.0	1300.5	
STA.	WXPQ	MYPC	WZPQ					
.000	-10.303	12.025	134.235					
120.361	-8.833	10.447	112.821					
120.362	-8.833	10.447	112.821					
197.900	-7.973	9.495	99.157					
263.800	-7.277	8.727	87.864					
329.300	-6.610	7.976	77.201					
395.752	-5.968	7.257	66.361					
469.856	-5.263	6.473	55.724					
469.867	-5.263	6.473	55.724					
481.259	-5.155	6.352	54.001					
481.260	-4.558	5.279	53.705					
492.632	-4.459	5.171	52.237					
492.633	-4.459	5.171	52.237					
527.720	-4.154	4.839	47.686					
577.273	-3.734	4.386	41.292					
577.276	-4.101	4.046	41.291					
659.000	-3.392	3.395	31.660					
738.919	-2.621	2.668	23.145					
738.920	-2.821	2.868	23.145					
748.913	-2.749	2.802	22.033					
748.919	-1.429	1.255	21.269					
758.917	-1.373	1.206	20.501					
758.918	-1.373	1.206	20.501					
791.504	-1.190	1.046	17.945					
857.500	-.836	.736	13.132					
923.400	-.531	.469	8.906					
989.400	-.322	.234	5.532					
1055.300	-.172	.153	2.985					
1121.300	-.075	.066	1.230					
1154.300	-.042	.037	.717					
1187.256	-.020	.017	.313					
1220.200	-.007	.006	.061					
1253.200	-.002	.002	.006					
1286.200	-.001	.001	-.006					
1319.175	.000	-.000	.000					

PREPARED *	UNIT INERTIA LOADS	PAGE NO. ***3.2- 329	MODEL *****0-5A
CHECKED **			
APPROVED *	*** FUEL ***	REPORT NO. *IG1US54-12-	
DATE *****11/03/68*		CASE ID *** F10402	

FUEL WT. 77187.5 LB.	DENSITY 6.500 LB./GAL.	ATTITUDE -12.000 DEG.
LOAD AXIS ORIGIN	F.S. 1100.583 B.L. .000	W.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1106.583 B.L. .000	W.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT.	21794.5	15028.0	.0	.0	15034.5	22256.2	1743.0	1306.5

STA.	SZNZ	MXNZ	MYNZ	MYBX	SZTDC	SXTDC
.000	-77187.	-46.629	22.000	3.267	56982.	-6581.
120.361	-77187.	-37.339	22.000	2.546	56982.	-8561.
120.362	-77187.	-37.339	22.000	2.546	56982.	-8561.
197.900	-54510.	-31.843	21.020	2.238	54448.	-5880.
263.800	-54708.	-27.912	19.946	2.033	51663.	-3914.
329.800	-49558.	-24.435	19.273	1.780	49913.	-3049.
395.752	-45578.	-21.351	18.627	1.537	48248.	-2457.
459.636	-41938.	-18.133	17.919	1.290	46413.	-1967.
459.687	-41938.	-18.133	17.919	1.290	46413.	-1967.
481.259	-41379.	-17.640	17.811	1.252	46132.	-1392.
481.260	-41379.	-17.639	17.811	1.252	46132.	-1392.
492.632	-40923.	-17.180	17.709	1.216	45866.	-1837.
492.633	-40923.	-17.180	17.709	1.216	45866.	-1837.
527.700	-39517.	-15.762	17.395	1.108	45058.	-1686.
577.275	-38590.	-13.835	17.180	.960	44498.	-1557.
577.276	-38590.	-13.835	17.180	.960	44498.	-1557.
659.500	-35864.	-10.691	16.561	.718	42895.	-1375.
738.919	-31751.	-3.005	14.933	.523	38677.	-951.
738.920	-31751.	-3.005	14.933	.523	38677.	-951.
748.918	-31132.	-7.666	14.728	.468	38146.	-898.
748.919	-31132.	-7.666	14.727	.468	38146.	-898.
738.917	-30573.	-7.367	14.526	.476	37620.	-858.
738.918	-30573.	-7.367	14.526	.476	37620.	-858.
791.504	-28751.	-6.391	13.868	.404	35920.	-728.
857.500	-25373.	-4.606	12.559	.271	32556.	-528.
923.400	-21223.	-3.049	10.806	.165	27969.	-319.
989.400	-15803.	-1.827	8.310	.095	21524.	-102.
1055.300	-10909.	-.947	5.916	.045	15322.	22.
1121.500	-6560.	-.373	3.660	.014	9479.	67.
1154.300	-4568.	-.189	2.583	.005	6690.	63.
1187.258	-2691.	-.059	1.541	.000	3992.	48.
1220.200	-926.	-.009	.538	-.001	1389.	20.
1253.200	0.	.000	.000	.000	0.	0.
1286.200	0.	.000	.000	.000	0.	0.
1319.173	0.	.000	.000	.000	0.	0.

PREPARED *	*	UNIT INERTIA LOADS				PAGE NO. **3.2-330	
CHECKED **	*					MODEL *****0-5A	
APPROVED *	*	*** FUEL ***				REPORT NO. *IG1US54-12-1	
DATE *****11/09/63*						CASE 10 *** FI0402	
FUEL WT. 77187.5 LB.		DENSITY 6.500 LB./GAL.				ATTITUDE -12.000 DEG.	
LOAD AXIS ORIGIN		F.S. 1106.583	B.L.	.000	A.L.	350.250	
ROTATIONAL AXIS ORIGIN		F.S. 1106.583	B.L.	.000	A.L.	265.000	
TANK 1	2	3	4	5	6	7	8
WT. 21794.5	15028.0	.0	.0	15034.5	22256.0	1768.0	1306.5
SFA.	MX100	MY100	MZ100	MYTRS	SZPD	MXPD	
.000	46.924	-22.302	3.014	-4.858	-120774.	-99.019	
120.381	40.066	-22.332	1.981	-4.325	-120774.	-84.563	
120.382	40.066	-22.332	1.981	-4.325	-120774.	-84.562	
197.900	35.752	-22.154	1.419	-3.805	-115543.	-75.394	
263.300	32.254	-21.320	1.096	-3.347	-109675.	-67.962	
329.300	28.903	-21.592	.870	-2.978	-105752.	-60.672	
395.752	25.669	-21.325	.639	-2.631	-102019.	-54.033	
469.866	22.175	-20.972	.528	-2.266	-97899.	-46.658	
469.867	22.175	-20.972	.528	-2.266	-97899.	-46.658	
481.269	21.640	-20.918	.503	-2.210	-97267.	-45.527	
481.260	21.640	-20.918	.503	-2.210	-97267.	-45.527	
492.532	21.121	-20.860	.483	-2.158	-96671.	-44.436	
492.633	21.121	-20.860	.483	-2.158	-96671.	-44.436	
527.700	19.523	-20.631	.421	-1.996	-94835.	-41.072	
577.275	17.309	-20.556	.342	-1.800	-93534.	-36.422	
577.276	17.309	-20.556	.342	-1.800	-93534.	-36.422	
659.600	13.672	-20.044	.217	-1.461	-90327.	-23.784	
738.919	10.464	-18.634	.126	-1.083	-81374.	-22.022	
738.920	10.464	-18.634	.126	-1.083	-81373.	-22.022	
748.918	10.060	-18.456	.115	-1.035	-80245.	-21.170	
743.919	10.060	-18.456	.115	-1.035	-80245.	-21.170	
758.917	9.689	-18.266	.107	-.993	-79129.	-20.391	
755.915	9.689	-18.266	.107	-.993	-79129.	-20.391	
791.504	8.483	-17.648	.080	-.856	-75494.	-17.854	
857.500	6.225	-16.347	.038	-.609	-68234.	-13.111	
923.400	4.203	-14.394	.009	-.380	-58657.	-8.875	
989.400	2.371	-11.399	-.005	-.182	-45228.	-5.441	
1055.300	1.359	-8.349	-.008	-.051	-32272.	-2.682	
1121.300	.546	-5.306	-.005	.017	-20017.	-1.157	
1154.300	.279	-3.794	-.003	.029	-14144.	-.591	
1187.256	.102	-2.292	-.001	.027	-8451.	-.217	
1220.200	.013	-.807	-.000	.013	-2948.	-.028	
1253.200	.000	.000	.000	.000	0.	.000	
1286.200	.000	.000	.000	.000	0.	.000	
1319.173	.000	.000	.000	.000	0.	.000	

PREPARED *		*		UNIT INERTIA LOADS				PAGE NO. **3.2-331									
CHECKED **		*						MODEL ***C-5A									
APPROVED *		*		*** FUEL ***				REPORT NO.*IG1US34-12-									
DATE *****11/03/68*								CASE ID *** F10402									
FUEL WT. 77187.5 LB.		DENSITY 6.500 LB./GAL.		ATTITUDE -12.000 DEG.													
LOAD AXIS ORIGIN		F.S. 1106.583		B.L. .000		F.L. 350.250											
ROTATIONAL AXIS ORIGIN		F.S. 1106.583		B.L. .000		F.L. 265.000											
TANK		1		2		3		4		5		6		7		8	
WT.		21794.5		15028.0		.0		.0		15034.5		22256.0		1743.0		1306.5	
STA.		MYPD		MZPD		MXPS		MXPSIDD		MYPSIDD		MZPSIDD					
.000		46.924		1.428		10.296		-3.430		-7.282		-121.840					
120.361		46.924		1.428		8.135		-2.898		-6.184		-107.104					
120.362		46.924		1.428		8.135		-2.898		-6.184		-107.103					
197.900		46.527		1.213		6.912		-2.592		-5.493		-97.686					
263.800		45.882		.996		6.072		-2.351		-4.976		-89.921					
329.800		45.366		.883		5.303		-2.095		-4.434		-82.575					
395.752		44.762		.786		4.592		-1.846		-3.903		-75.442					
469.836		43.964		.689		3.861		-1.577		-3.383		-67.692					
469.887		43.964		.689		3.861		-1.577		-3.383		-67.692					
481.259		43.841		.674		3.749		-1.535		-3.246		-66.503					
481.260		43.841		.674		3.749		-1.535		-3.246		-66.503					
492.632		43.708		.662		3.644		-1.496		-3.162		-65.351					
492.633		43.708		.662		3.644		-1.496		-3.162		-65.351					
527.730		43.299		.624		3.322		-1.372		-2.902		-61.799					
577.275		42.997		.598		2.885		-1.202		-2.543		-57.012					
577.276		42.997		.598		2.885		-1.202		-2.543		-57.012					
659.600		41.965		.539		2.170		-.922		-1.983		-48.844					
738.919		39.001		.396		1.579		-.687		-1.483		-40.661					
738.920		39.001		.396		1.579		-.687		-1.483		-40.661					
746.916		38.627		.378		1.505		-.657		-1.390		-39.630					
746.919		38.627		.378		1.505		-.657		-1.390		-39.630					
758.917		38.225		.354		1.439		-.629		-1.302		-38.660					
758.918		38.225		.354		1.439		-.629		-1.302		-38.660					
791.604		36.913		.316		1.222		-.540		-1.112		-35.602					
857.508		34.142		.238		.825		-.371		-.716		-29.453					
923.400		30.048		.148		.502		-.232		-.403		-23.262					
989.400		23.867		.047		.282		-.135		-.287		-16.834					
1055.300		17.528		-.014		.131		-.065		-.139		-11.227					
1121.300		11.175		-.039		.039		-.021		-.045		-6.462					
1154.300		8.000		-.037		.013		-.008		-.016		-4.384					
1187.256		4.841		-.026		-.001		-.000		-.001		-2.309					
1220.200		1.708		-.012		-.003		.001		.003		-.835					
1253.200		.000		.000		.000		.000		.000		.000					
1286.200		.000		.000		.000		.000		.000		.000					
1319.173		.000		.000		.000		.000		.000		.000					

PREPARED *	*	UNIT INERTIA LOADS	PAGE NO. **3.2-332
CHECKED **	*		MODEL *****C-5A
APPROVED *	*	*** FUEL ***	REPORT NO. *IG1US54-12-
DATE *****1/04/68*			CASE ID *** F10402

FUEL WT. 77187.5 LB.	DENSITY 6.500 LB./GAL.	ALTITUDE -12.000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583	B.L. .000
ROTATIONAL AXIS ORIGIN	F.S. 1106.583	B.L. .000

TAKE	1	2	3	4	5	6	7	8
WT.	21794.5	15023.0	.0	.0	15034.5	22256.0	1768.0	1306.5

STA.	MZPSIDS	MXCF	MYPR	MZPO
.000	.000	-99.338	22.621	76.717
120.361	6.858	-84.722	22.541	62.181
120.362	6.858	-84.722	22.541	62.181
197.900	10.774	-75.532	22.292	53.240
253.800	13.629	-68.101	21.959	46.142
329.800	16.463	-60.983	21.703	39.280
395.752	19.093	-54.118	21.410	32.708
469.886	21.788	-46.720	21.034	25.686
469.887	21.788	-46.720	21.034	25.686
481.259	22.201	-45.585	20.976	24.609
481.260	22.201	-45.585	20.976	24.609
492.532	22.587	-44.491	20.915	23.576
492.533	22.587	-44.491	20.915	23.576
527.700	23.776	-41.118	20.727	20.391
577.275	25.688	-36.456	20.590	15.866
577.276	25.688	-36.456	20.590	15.866
659.600	28.293	-28.800	20.060	6.740
738.919	28.537	-22.027	18.639	3.388
738.920	28.537	-22.027	18.639	3.388
748.918	28.566	-21.174	18.460	2.714
748.919	28.566	-21.174	18.460	2.713
758.917	28.536	-20.394	18.269	2.125
758.918	28.536	-20.394	18.269	2.125
791.504	28.431	-17.854	17.648	.206
857.500	27.916	-13.106	16.342	-3.236
923.400	25.845	-6.868	14.357	-5.520
989.400	21.296	-5.435	11.394	-5.959
1055.300	16.169	-2.876	8.345	-5.467
1121.300	13.629	-1.156	5.305	-4.149
1154.300	7.722	-.590	3.792	-3.202
1187.256	4.739	-.217	2.292	-2.075
1220.200	1.695	-.028	.807	-.779
1253.200	.000	.000	.000	.000
1286.200	.000	.000	.000	.000
1319.178	.000	.000	.000	.000

PREPARED *	*	UNIT INERTIA LOADS	PAGE 10. **3.2-333
CHECKED **	*		MODEL *****0-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. *IG10554-12-
DATE *****11/08/68*			CASE I. *** F10402

FUEL WT. 77187.5 LB.	DENSITY 6.500 LB./GAL.	ALTITUDE -12.000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583 B.L.	.000 A.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1106.583 B.L.	.000 A.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT.	21794.8	15024.0	.0	.0	13064.5	22254.7	1788.0	1300.5

STA.	SINZ	COSZ	MYNZ	MYNX	SZTOL	SXTOD
.000	-144862.	-82.785	39.052	7.746	101140.	-11874.
120.361	-138279.	-65.678	38.223	6.472	99002.	-10424.
120.382	-138279.	-65.678	38.223	6.472	99002.	-10424.
197.900	-121650.	-55.602	36.587	5.846	94762.	-6331.
263.800	-103817.	-48.007	34.976	5.387	90594.	-4306.
329.800	-99598.	-41.121	33.281	4.888	86291.	-2729.
395.752	-92603.	-34.803	31.918	4.426	82671.	-1617.
464.826	-85613.	-28.222	30.398	3.945	78734.	-641.
469.867	-85813.	-28.222	30.398	3.945	78734.	-641.
481.259	-84771.	-27.213	30.165	3.871	78132.	-491.
481.260	-73860.	-27.245	29.218	2.897	75676.	-1661.
492.632	-72803.	-26.434	28.928	2.837	74922.	-1525.
492.633	-72803.	-26.434	28.928	2.837	74922.	-1525.
527.700	-69547.	-23.932	28.036	2.654	72613.	-1105.
577.275	-66569.	-20.565	27.208	2.414	70471.	-724.
577.278	-66569.	-20.565	27.208	2.414	70471.	-724.
659.600	-61474.	-13.254	25.476	2.025	65922.	-176.
738.919	-54034.	-10.703	22.931	1.704	59393.	493.
738.920	-54034.	-10.703	22.931	1.704	59393.	493.
748.918	-50097.	-10.129	22.610	1.664	58563.	573.
748.919	-42149.	-10.167	20.144	.667	62174.	-1250.
758.917	-41213.	-9.758	19.787	.629	51249.	-1190.
758.918	-41213.	-9.758	19.787	.629	51249.	-1190.
791.504	-38161.	-8.468	18.623	.578	48233.	-962.
857.500	-33232.	-6.112	16.666	.370	43167.	-651.
920.400	-27421.	-4.106	14.131	.236	38602.	-355.
989.400	-20519.	-2.527	10.908	.142	28252.	-54.
1056.300	-14620.	-1.373	8.022	.074	20773.	65.
1121.300	-9164.	-.590	5.161	.030	13420.	120.
1159.300	-6657.	-.330	3.820	.016	9893.	113.
1187.256	-4365.	-.149	2.548	.006	6599.	94.
1220.200	-2132.	-.044	1.281	.002	3317.	57.
1253.200	-332.	-.010	.212	.001	550.	12.
1286.200	-162.	-.003	.107	.000	270.	7.
1319.173	0.	.000	.000	.000	0.	0.

PREPARED *	*	UNIT INERTIA LOADS	PAGE NO. **3-2-374
CHECKED **	*		MODEL *****C-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. *LG10S54-12
DATE *****1/14/68*			CASE I *** F12+02

FUEL WT. 77167.5 LB.	DENSITY 6.500 LB./GAL.	ALTITUDE -12.000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583 B.L.	.000 H.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1106.583 B.L.	.000 H.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT.	21794.5	15028.0	.0	.0	15034.5	22256.0	1748.0	1398.5

STA.	SZTOD	MYTOD	MZTOD	MYTOS	SZPOS	MXPOS
.000	75.634	-38.215	3.143	-8.623	-214421.	-164.208
120.361	63.566	-37.921	1.781	-7.515	-213221.	-138.515
120.362	63.566	-37.921	1.781	-7.515	-213221.	-138.515
197.900	56.059	-37.281	1.110	-6.623	-206360.	-122.233
263.800	49.952	-36.614	.741	-5.868	-198090.	-108.867
329.800	44.118	-35.545	.508	-5.143	-191584.	-95.978
395.752	38.562	-34.738	.367	-4.509	-185063.	-83.573
469.886	32.602	-33.753	.267	-3.845	-177331.	-70.165
469.887	32.602	-33.753	.267	-3.845	-177331.	-70.164
481.259	31.688	-33.602	.275	-3.743	-176150.	-68.108
481.260	31.695	-33.148	.271	-3.625	-162630.	-68.015
492.632	30.855	-32.919	.250	-3.525	-161263.	-66.203
492.633	30.855	-32.919	.250	-3.525	-161263.	-66.202
527.700	28.262	-32.214	.209	-3.217	-157041.	-60.613
577.275	24.719	-31.577	.165	-2.351	-152790.	-52.941
577.276	24.719	-31.577	.165	-2.351	-152790.	-52.941
659.600	14.071	-29.973	.124	-2.244	-144531.	-40.829
738.919	14.130	-27.649	.137	-1.663	-130943.	-29.736
738.920	14.130	-27.649	.137	-1.663	-130943.	-29.736
748.918	13.507	-27.356	.139	-1.589	-129231.	-28.366
748.919	13.500	-25.607	.133	-1.416	-108094.	-28.242
753.917	13.030	-25.245	.122	-1.353	-106230.	-27.205
753.918	13.030	-25.245	.122	-1.353	-106230.	-27.205
791.504	11.402	-24.065	.066	-1.149	-100180.	-23.828
857.500	8.387	-22.018	.033	-.308	-89637.	-17.562
923.400	5.740	-19.110	-.001	-.498	-76210.	-12.075
989.400	3.615	-15.168	-.016	-.239	-59120.	-7.005
1055.500	2.007	-11.467	-.017	-.070	-43510.	-4.213
1121.300	.884	-7.633	-.011	.024	-28140.	-1.652
1154.300	.501	-5.708	-.007	.043	-20753.	-1.047
1157.200	.231	-3.870	-.004	.043	-13800.	-.479
1220.200	.070	-2.003	-.001	.031	-6851.	-.143
1253.200	.017	-.354	-.000	.007	-1104.	-.035
1285.200	.005	-.135	-.000	.004	-547.	-.011
1319.170	.000	.000	.000	.000	0.	.000

STA.	MYPD	MZPD	MXPS	MXPS100	MXPS100	MZPS100
.000	75.634	2.382	13.279	-6.241	-13.137	-201.949
120.361	75.482	2.191	14.931	-5.324	-13.149	-175.799
120.362	75.482	2.191	14.931	-5.324	-13.149	-175.798
197.900	74.812	1.830	13.062	-4.793	-11.952	-158.865
263.000	73.849	1.502	11.735	-4.357	-10.994	-144.544
329.320	72.547	1.139	10.530	-3.944	-10.022	-130.874
395.752	71.279	.974	9.453	-3.535	-9.066	-117.656
469.836	69.553	.750	8.366	-3.094	-8.081	-103.264
469.837	69.553	.750	8.366	-3.094	-8.081	-103.263
481.259	69.289	.716	8.202	-3.027	-7.927	-101.056
481.260	68.115	.828	6.991	-2.798	-6.720	-100.756
492.632	67.740	.739	6.840	-2.736	-6.584	-98.714
492.633	67.740	.739	6.840	-2.736	-6.584	-98.714
527.710	66.582	.670	6.374	-2.547	-6.155	-92.418
577.275	65.400	.562	5.763	-2.248	-5.599	-84.109
577.276	65.400	.562	5.763	-2.248	-5.599	-84.109
659.668	62.594	.372	4.806	-1.875	-4.683	-70.196
738.919	57.951	.139	4.036	-1.524	-3.899	-56.994
738.920	57.951	.139	4.036	-1.524	-3.899	-56.994
743.913	57.365	.110	3.939	-1.479	-3.800	-55.330
748.919	52.604	.536	1.990	-.890	-1.837	-53.836
758.917	51.894	.508	1.904	-.845	-1.782	-52.437
758.918	51.894	.508	1.904	-.845	-1.782	-52.437
791.504	49.581	.419	1.626	-.730	-1.589	-47.578
857.500	45.403	.293	1.119	-.514	-1.086	-39.559
923.400	39.544	.152	.708	-.335	-.709	-31.164
959.400	31.557	.034	.418	-.206	-.434	-22.756
1055.300	23.953	-.040	.215	-.110	-.232	-15.699
1121.300	15.932	-.069	.065	-.045	-.096	-9.482
1164.300	11.921	-.067	.043	-.024	-.031	-6.752
1187.266	3.035	-.055	.017	-.010	-.021	-4.351
1220.200	4.117	-.034	.005	-.003	-.006	-2.145
1253.200	.705	-.008	.002	-.001	-.003	-.383
1286.200	.352	-.005	.001	-.001	-.001	-.195
1319.173	.000	.000	.000	.000	.000	.000

PREPARED *	*	UNIT INERTIA LOADS	PAGE NO. **3.2-336
CHECKED **	*		MODEL *****C-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. *LG1US54-12-1
DATE *****11/08/63*			CASE ID *** F10402

FUEL WT. 77187.5 LB.	DENSITY 6.500 LB./GAL.	ATTITUDE -12.000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583 B.L. .000	A.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1106.583 B.L. .000	A.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT.	21794.5	15028.0	.0	.0	15034.5	22256.0	1765.0	1306.5

GIA.	MZPOSIDS	MXGR	MYPR	MZSG
.000	.000	-163.733	37.741	125.993
120.351	11.916	-137.878	37.283	100.594
120.352	11.916	-137.877	37.283	100.594
197.900	13.753	-121.533	36.632	34.952
263.800	23.898	-108.231	35.977	72.254
329.300	23.429	-95.329	34.896	60.433
395.752	32.717	-82.917	34.083	48.834
469.886	36.951	-69.511	33.099	36.412
469.837	36.951	-69.511	33.099	36.412
481.259	37.601	-67.454	32.948	34.506
481.260	36.420	-67.609	32.741	34.868
492.532	36.885	-65.795	32.512	33.284
492.633	36.885	-65.795	32.512	33.284
527.700	33.319	-60.204	31.805	28.399
577.275	40.681	-52.532	31.168	21.364
577.275	40.681	-52.532	31.168	21.364
659.600	43.523	-40.223	29.567	10.656
733.919	43.821	-29.345	27.255	2.989
733.920	43.821	-29.345	27.255	2.989
743.915	43.859	-27.973	26.964	1.909
743.919	39.074	-23.229	25.594	2.635
755.917	36.864	-27.192	25.232	1.960
755.913	33.854	-27.192	25.232	1.960
791.504	33.173	-23.812	24.049	-.237
857.500	37.015	-17.541	21.997	-4.456
923.400	33.796	-12.054	19.089	-7.035
939.400	27.953	-7.587	15.149	-7.562
1055.300	21.927	-4.212	11.481	-7.268
1121.500	15.043	-1.849	7.629	-5.790
1154.500	11.420	-1.045	5.705	-4.561
1137.250	7.835	-.473	3.871	-3.393
1220.200	4.047	-.143	2.002	-1.859
1253.200	.639	-.034	.353	-.319
1235.200	.357	-.011	.184	-.174
1319.173	.000	.000	.000	.000

PREPARED *	*	UNIT INERTIA LOADS	PAGE NO. **3.2-337
CHECKED **	*		MODEL *****0-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. *LG10S54-12-1
DATE *****1/26/68*		SWEPT AXIS SYSTEM	CASE ID *** F10402

FUEL WT. /7187.5 LB.	DENSITY 6.500 LB./GAL.	ALTITUDE -12.000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583 B.L. .000	A.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1106.583 B.L. .000	A.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT.	21794.6	15023.0	.0	.0	15034.5	22256.1	1733.0	1306.5

STA.	SXIX	SYIX	MXIX	MYIX	ZXIX	MZNY
.000	-137310.	-43531.	-2.439	7.354	82.755	-23.337
120.351	-131251.	-43522.	-2.037	6.143	65.678	-17.683
120.352	-131251.	-43522.	-2.037	6.143	65.678	-17.683
197.900	-115463.	-33298.	-1.840	5.549	65.682	-15.338
263.800	-103287.	-34249.	-1.695	5.113	48.007	-13.636
329.800	-94536.	-31347.	-1.539	4.540	41.121	-11.570
395.752	-87897.	-29146.	-1.393	4.201	34.803	-9.706
469.835	-81452.	-27009.	-1.242	3.745	28.222	-7.706
469.837	-81452.	-27009.	-1.242	3.745	28.222	-7.706
481.259	-60463.	-25631.	-1.218	3.674	27.213	-7.423
481.260	-70106.	-23246.	-.912	2.750	27.245	-9.407
492.632	-69103.	-22914.	-.893	2.693	26.434	-9.127
492.633	-69103.	-22914.	-.893	2.693	26.434	-9.127
527.700	-66012.	-21889.	-.835	2.519	23.932	-8.312
577.275	-63155.	-20952.	-.750	2.291	20.565	-7.234
577.276	-61129.	-26358.	-.956	2.216	20.565	-7.234
659.610	-58450.	-24340.	-.802	1.360	15.254	-4.848
733.919	-49613.	-21395.	-.675	1.565	10.703	-2.952
733.920	-49613.	-21395.	-.675	1.565	10.703	-2.952
743.913	-43757.	-21023.	-.659	1.523	10.129	-2.749
743.919	-33705.	-16389.	-.260	.604	10.137	-4.377
763.917	-37345.	-16315.	-.249	.578	9.758	-4.193
763.918	-37845.	-16313.	-.249	.578	9.758	-4.193
791.604	-35042.	-15110.	-.213	.494	8.468	-3.548
857.500	-30515.	-13158.	-.147	.340	6.112	-2.680
923.400	-25180.	-10857.	-.093	.216	4.106	-1.811
989.400	-13842.	-8124.	-.056	.130	2.527	-1.105
1055.300	-13423.	-5789.	-.029	.068	1.873	-.622
1121.300	-8415.	-3629.	-.012	.028	.590	-.232
1154.300	-6113.	-2636.	-.006	.014	.330	-.166
1187.255	-4003.	-1728.	-.003	.006	.149	-.090
1220.200	-1953.	-.244.	-.001	.002	.044	-.050
1253.200	-.305.	-.131.	-.000	.001	.010	-.016
1286.200	-.149.	-.64.	-.000	.000	.003	-.009
1319.173	0.	0.	-.000	.000	-.000	-.000

PREPARED * *	UNIT INERTIA LOADS	PAGE NO. **3.2-338
CHECKED ** *		MODEL ****C-5A
APPROVED * *	*** WING (FUEL INCLUDED) ***	REPORT NO. *LG1US54-12-1
DATE ****11/09/64*	SWEPT AXIS SYSTEM	CASE ID *** F10+02

FUEL WT. 77167.5 LB.	DENSITY 6.500 LB./GAL.	ATTITUDE -12.000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583 S.L.	.000 A.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1106.583 S.L.	.000 A.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT.	21794.5	18023.0	.0	.0	15034.5	22256.0	1760.0	1306.3

STA.	SZXZ	MXNZ	MYNZ	SXTOD	SYTOD	SZTOD
.000	-144662.	-85.923	-3.905	-11271.	-3737.	101146.
120.361	-133279.	-87.906	-3.887	-9894.	-3281.	99002.
120.362	-133279.	-87.906	-3.887	-9894.	-3281.	99002.
197.900	-121650.	-87.619	-2.894	-6531.	-2166.	94762.
263.800	-103817.	-49.859	-2.167	-4087.	-1355.	90590.
320.800	-99593.	-42.673	-1.961	-2590.	-859.	86201.
395.752	-92603.	-36.089	-1.741	-1535.	-509.	82671.
463.666	-85813.	-29.213	-1.569	-609.	-202.	78734.
463.687	-85813.	-29.213	-1.569	-609.	-202.	78734.
481.259	-84771.	-28.162	-1.514	-466.	-155.	78130.
481.260	-73860.	-28.821	.354	-1577.	-523.	75676.
492.632	-72803.	-27.963	.343	-1448.	-480.	74927.
492.633	-72803.	-27.963	.343	-1448.	-480.	74927.
527.700	-69547.	-25.331	.357	-1049.	-343.	72615.
577.275	-66569.	-21.796	.394	-687.	-228.	70471.
577.276	-66569.	-21.748	-1.500	-665.	-227.	70471.
659.600	-61474.	-13.927	-1.588	-163.	-79.	65985.
736.919	-54034.	-10.997	-1.527	453.	195.	59394.
736.920	-54034.	-10.997	-1.527	453.	195.	59395.
743.918	-53097.	-10.390	-1.486	531.	229.	58563.
743.919	-42149.	-11.070	-.006	-1157.	-499.	52174.
753.917	-41213.	-10.630	-.016	-1092.	-471.	51249.
753.918	-41213.	-10.630	-.016	-1092.	-471.	51249.
791.564	-38161.	-9.220	-.003	-883.	-381.	48236.
857.500	-33232.	-5.673	.041	-599.	-253.	43167.
923.400	-27421.	-4.438	.037	-326.	-141.	36600.
969.460	-20519.	-2.758	.014	-77.	-33.	28252.
1056.300	-14620.	-1.507	.023	61.	26.	20773.
1121.300	-9164.	-.653	.025	110.	47.	13420.
1156.300	-6857.	-.368	.022	106.	46.	9893.
1187.256	-4565.	-.173	.024	87.	37.	6599.
1220.200	-2132.	-.060	.028	52.	23.	3317.
1253.200	-332.	-.016	.010	11.	3.	330.
1286.200	-162.	-.006	.007	6.	3.	278.
1319.173	0.	-.000	.000	0.	0.	0.

PREPARED *	*	UNIT INERTIA LOADS	PAGE NO. **3.2-339
CHECKED **	*		MODEL ****4C-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. *LG1US54-12-1
DATE *****11/08/68*		SWEEP AXIS SYSTEM	CASE ID *** F10402

FUEL WT. 77167.5 LB.	DENSITY 6.500 LB./GAL.	ATTITUDE -12.000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583	B.L. .000
ROTATIONAL AXIS ORIGIN	F.S. 1106.583	B.L. .000

TANK	1	2	3	4	5	6	7	8
WT.	21794.5	15028.0	.0	.0	15034.5	22256.0	1738.0	1306.5

ST1.	MYT00	MYT00	MZT00	SKTDS	SYTDS	SZTDS
.000	80.360	-2.038	3.143	96003.	31835.	11374.
120.362	67.642	-2.023	1.781	93970.	31160.	10424.
120.362	67.642	-2.023	1.781	93970.	31160.	10424.
197.900	59.746	-2.069	1.110	89946.	29825.	6881.
263.800	53.345	-2.169	.741	85986.	26512.	4306.
329.800	47.149	-2.017	.508	81320.	27131.	2729.
395.752	41.294	-2.014	.367	78470.	26020.	1617.
469.836	35.015	-2.014	.287	74733.	24781.	641.
469.837	35.015	-2.014	.297	74733.	24781.	641.
481.259	34.058	-2.030	.275	74159.	24591.	491.
481.260	34.129	-2.221	.271	71330.	23818.	1661.
492.032	33.233	-2.191	.256	71119.	23582.	1525.
492.033	33.233	-2.191	.256	71119.	23582.	1525.
527.700	30.483	-2.133	.209	68925.	22855.	1105.
577.275	26.746	-2.121	.165	66390.	22180.	724.
577.276	26.829	.208	.165	64712.	27901.	724.
653.680	20.513	.359	.124	60592.	26126.	178.
730.919	15.227	.371	.137	54540.	23517.	-493.
733.920	15.227	.371	.137	54539.	23517.	-493.
748.918	14.561	.343	.139	53777.	23186.	-578.
748.919	14.536	-.236	.133	47910.	20658.	1260.
753.917	14.283	-.216	.122	47251.	20292.	1190.
753.918	14.283	-.216	.122	47251.	20292.	1190.
791.567	12.504	-.202	.086	44294.	19099.	962.
857.500	9.226	-.214	.033	39539.	17092.	551.
920.400	6.334	-.172	-.001	33609.	14492.	355.
989.450	3.931	-.103	-.016	25943.	11186.	34.
1055.500	2.227	-.096	-.017	19080.	8227.	-65.
1121.300	.993	-.070	-.011	12323.	5314.	-120.
1154.300	.570	-.057	-.007	9085.	3917.	-115.
1187.200	.274	-.053	-.004	6060.	2613.	-94.
1220.200	.099	-.053	-.001	3046.	1313.	-57.
1255.200	.027	-.019	-.000	505.	213.	-12.
1286.200	.011	-.013	-.000	255.	110.	-7.
1319.173	-.000	.000	.000	0.	0.	-0.

PREPARED *	*	UNIT INERTIA LOADS				PAGE NO. **3-2-390							
CHECKED **	*					MODEL *****C-5A							
APPROVED *	*	*** WING (FUEL INCLUDED) ***				REPORT NO. *IG1US54-12-1							
DATE ***** 1/00/68*		SWEPT AXIS SYSTEM				CASE ID *** F10402							
FUEL WT. 77167.5 LB.		DENSITY 6.500 LB./GAL.		ATTITUDE -12.000 DEG.									
LOAD AXIS ORIGIN		F.S. 1106.583		B.L. .000		W.L. 350.250							
ROTATIONAL AXIS ORIGIN		F.S. 1106.583		B.L. .000		W.L. 205.000							
TANK		1	2	3	4	5	6	7	8				
WT.		21794.5	15028.0	.0	.0	15034.5	22256.0	1768.0	1306.5				
STA.		MYTDS		MYTDS		MYTDS		SZPD		MYPD		MYPD	
.000		5.291		-5.971		-75.634		-214421.		-172.336		-2.002	
120.361		3.569		-5.103		-63.566		-213221.		-145.264		-2.013	
120.362		3.569		-5.103		-63.566		-213221.		-145.264		-2.013	
197.900		2.761		-4.799		-56.059		-206369.		-128.249		-1.595	
263.300		2.295		-4.535		-49.952		-198693.		-114.314		-1.154	
329.800		1.913		-4.157		-44.118		-191584.		-100.739		-.989	
395.752		1.646		-3.796		-38.562		-185063.		-87.729		-.781	
469.886		1.429		-3.393		-32.602		-177336.		-73.730		-.577	
469.837		1.429		-3.393		-32.602		-177336.		-73.730		-.577	
481.259		1.397		-3.341		-31.688		-176150.		-71.534		-.514	
481.260		1.258		-2.933		-31.695		-162633.		-72.238		1.843	
492.632		1.222		-2.872		-30.855		-161263.		-70.353		1.826	
492.633		1.222		-2.872		-30.855		-161263.		-70.353		1.826	
527.700		1.113		-2.690		-28.262		-157041.		-64.470		1.845	
577.275		.985		-2.443		-24.719		-152793.		-56.404		1.897	
577.275		1.194		-2.353		-24.719		-152793.		-56.366		-3.007	
659.600		.980		-1.930		-19.071		-144532.		-42.340		-3.142	
733.919		.857		-1.640		-14.130		-130943.		-31.063		-3.019	
733.920		.857		-1.640		-14.130		-130943.		-31.063		-3.019	
743.916		.843		-1.603		-13.507		-129230.		-29.821		-2.943	
743.919		.496		-.815		-13.530		-108094.		-30.732		-.007	
753.917		.469		-.731		-13.030		-106233.		-29.614		-.029	
753.913		.469		-.731		-13.030		-106232.		-29.614		-.029	
791.504		.335		-.675		-11.402		-100156.		-25.949		-.001	
857.530		.241		-.477		-8.387		-89637.		-19.166		.096	
923.400		.133		-.311		-5.748		-76210.		-13.187		.085	
989.400		.064		-.139		-3.615		-59125.		-8.299		.037	
1053.300		.025		-.101		-2.007		-43516.		-4.629		.031	
1121.300		.006		-.041		-.384		-28143.		-2.052		.080	
1154.300		.001		-.022		-.501		-20751.		-1.170		.070	
1187.255		-.000		-.009		-.231		-13608.		-.565		.077	
1220.290		-.001		-.002		-.070		-6651.		-.166		.092	
1253.200		-.000		-.001		-.017		-1104.		-.033		.035	
1286.200		-.000		-.000		-.005		-547.		-.022		.024	
1319.173		.000		.000		-.000		0.		-.000		.000	

PREPARED *	UNIT 1 TERTIA LOADS	PAGE NO. *3.2-34/
CHECKED **		MODEL *****5A
APPROVED *	*** WING (FUEL INCLUDED) ***	REPORT NO. HG10S54-12-1
DATE *****17/04/60*	SABOT AXIS SYSTEM	CASE NO. *** F10402

FUEL WT. 77167.5 LB.	DENSITY 6.500 LB./GAL.	ALTITUDE -12.000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583 B.L.	.000 A.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1106.583 B.L.	.000 A.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT.	21704.5	15023.0	.0	.0	15034.5	22256.0	1733.0	1306.5

STA.	MZPD	SXPS	GYPS	MYPS	MYPS	MZPS
.000	1.092	-67483.	203524.	17.694	4.717	52.341
120.361	.643	-67109.	202334.	14.374	4.069	43.310
120.362	.643	-67109.	202384.	14.374	4.069	43.809
197.900	.631	-64952.	195881.	12.537	3.512	38.851
263.800	.657	-62536.	188595.	11.346	3.070	34.884
329.800	.604	-60299.	181348.	10.135	2.741	30.783
395.752	.536	-58246.	175658.	9.153	2.419	26.869
469.886	.561	-55814.	168323.	8.126	2.013	22.658
469.867	.581	-55814.	168323.	8.126	2.083	22.658
481.269	.584	-55441.	167198.	7.969	2.007	22.042
481.260	.382	-51187.	154368.	6.756	1.838	24.495
492.632	.374	-50756.	153068.	6.610	1.738	23.878
492.633	.374	-50756.	153068.	6.610	1.738	23.878
527.700	.356	-49427.	149060.	6.162	1.868	22.043
577.275	.345	-48091.	145033.	5.579	1.446	19.553
577.276	.345	-60500.	140310.	5.429	1.965	19.553
659.000	.313	-57227.	132720.	4.537	1.616	14.097
738.919	.321	-51346.	120241.	3.834	1.363	9.535
738.920	.321	-51346.	120241.	3.834	1.363	9.535
748.918	.326	-51168.	118668.	3.746	1.261	9.026
748.919	.064	-42799.	99260.	1.353	.729	12.170
758.917	.058	-42062.	97551.	1.772	.701	11.698
758.918	.058	-42062.	97550.	1.772	.701	11.698
791.504	.042	-39660.	91980.	1.519	.615	10.274
857.530	.020	-35491.	82311.	1.035	.425	7.577
923.400	.005	-30178.	69990.	.652	.278	5.300
989.400	-.006	-23411.	54293.	.382	.171	3.320
1055.300	-.007	-17230.	39959.	.195	.001	1.907
1121.300	-.005	-11143.	25343.	.076	.008	.386
1154.300	-.004	-8219.	19062.	.033	.000	.523
1187.250	-.002	-5467.	12680.	.015	.009	.290
1220.250	-.001	-2713.	6291.	.004	.003	.162
1253.200	-.001	-437.	1014.	.002	.001	.053
1286.200	-.000	-217.	503.	.001	.001	.031
1319.173	.000	0.	-0.	.000	.000	.000

PREPARED *	*	UNIT INERTIA LOADS	PAGE NO. *B.2-342
CHECKED **	*		MODEL ****C-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. 4G1US54-12-1
DATE *****11/06/68*		SHEPT AXIS SYSTEM	CASE ID *** F10402

FUEL WT. 77187.5 LB.	DENSITY 6.500 LB./GAL.	ATTITUDE -12.000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583 B.L.	.000 Y.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1106.583 B.L.	.000 Y.L. 265.000

TANK	1	2	3	4	5	6	7	8
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WT. 21794.5	15023.0	.0	.0	15034.5	22256.0	1748.0	1306.5
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STA.	SXPSIDD	SYPSIDD	MXPSIDD	MYPSIDD	MZPSIDD	MZPSIDS
.000	235359.	78757.	-1.160	-16.332	-190.960	-23.293
120.361	233544.	77003.	-.915	-14.157	-161.092	-19.757
120.362	233544.	77003.	-.915	-14.157	-161.092	-19.757
197.900	225706.	71484.	-.788	-12.853	-142.362	-17.208
263.380	217107.	66623.	-.685	-11.810	-127.079	-15.068
329.800	203978.	62889.	-.589	-10.754	-112.083	-13.335
395.752	201673.	59781.	-.495	-9.737	-97.826	-11.572
469.866	193104.	56423.	-.394	-8.645	-82.443	-9.944
469.887	193104.	56423.	-.394	-8.645	-82.443	-9.944
481.239	191782.	55908.	-.376	-8.477	-80.100	-9.645
481.260	173186.	52764.	-.540	-7.259	-80.439	-7.201
492.532	173650.	52203.	-.525	-7.111	-78.335	-6.976
492.633	173650.	52203.	-.525	-7.111	-78.335	-6.976
527.766	171914.	50475.	-.478	-6.653	-71.823	-6.220
577.275	167213.	48773.	-.410	-6.034	-62.984	-5.166
577.275	168213.	61154.	.115	-6.047	-62.984	-5.166
659.600	153646.	57590.	.132	-5.042	-48.065	-4.974
733.919	143758.	51393.	.145	-4.134	-35.033	-4.595
738.920	143758.	51393.	.145	-4.134	-35.033	-4.595
748.916	141856.	50637.	.146	-4.075	-33.424	-4.481
748.919	119913.	43956.	-.073	-2.054	-34.320	-1.360
756.917	117843.	43155.	-.070	-1.971	-33.046	-1.332
756.918	117842.	43155.	-.070	-1.971	-33.046	-1.332
791.564	111079.	40543.	-.061	-1.703	-28.949	-1.128
857.300	99403.	36089.	-.042	-1.201	-21.391	-.711
923.400	84481.	30504.	-.027	-.734	-14.720	-.448
989.400	65485.	23487.	-.017	-.480	-9.258	-.295
1053.300	46186.	17170.	-.009	-.256	-5.182	-.100
1121.300	31157.	11033.	-.004	-.106	-2.307	.002
1150.300	22979.	6113.	-.002	-.055	-1.322	.027
1187.256	15293.	5331.	-.001	-.023	-.635	.060
1220.200	7605.	2661.	-.000	-.007	-.230	.092
1253.200	1232.	426.	-.000	-.003	-.063	.036
1286.200	613.	210.	-.000	-.001	-.027	.025
1319.173	-0.	-0.	-.000	.000	.000	.000

PREPARED *	*	UNIT I, INERTIA LOADS				PAGE NO. **3.2-343		
CHECKED **	*					MODEL ***C-5A		
APPROVED *	*	*** WING (FUEL INCLUDED) ***				REPORT NO. *IG1US54-12-		
DATE *****11/05/68		SWEPT AXIS SYSTEM				CASE ID *** F10-02		
FUEL WT. 77,67.5 LB.		DENSITY 6.500 LB./GAL.		ALTITUDE -12,000 DEG.				
LOAD AXIS ORIGIN		F.S. 1106.583		B.L. .000		A.L. 350.250		
ROTATIONAL AXIS ORIGIN		F.S. 1106.583		B.L. .000		A.L. 265.000		
TANK	1	2	3	4	5	6	7	8
WT.	21794.6	15023.0	.0	.0	15034.5	22256.1	1748.0	1336.5
STA.	MXOR	MYOR	MXPR	MYPR	SYPR	SYPR	SYPR	
.000	-171.866	-1.853	-80.210	1.588	-171866.	-163494.		
120.361	-144.659	-1.812	-67.442	1.423	-171225.	-161079.		
120.362	-144.659	-1.812	-67.442	1.423	-171225.	-161079.		
197.960	-127.632	-1.390	-59.542	1.453	-166055.	-154899.		
253.800	-113.709	-.953	-53.145	1.564	-160080.	-148522.		
329.800	-100.173	-.785	-46.945	1.400	-154717.	-142119.		
395.752	-87.166	-.574	-41.088	1.392	-149638.	-136716.		
469.686	-73.109	-.371	-34.810	1.393	-143543.	-130547.		
469.687	-73.109	-.371	-34.810	1.393	-143543.	-130547.		
481.259	-70.963	-.308	-33.852	1.410	-142606.	-129601.		
481.260	-71.882	1.971	-34.001	1.835	-130549.	-123017.		
492.632	-69.967	1.956	-33.105	1.805	-129485.	-121875.		
492.633	-69.967	1.956	-33.105	1.805	-129485.	-121875.		
527.700	-64.082	1.974	-30.354	1.745	-126205.	-118352.		
577.275	-56.017	2.025	-26.617	1.734	-122853.	-114981.		
577.276	-56.931	-2.845	-26.667	-.593	-112406.	-125212.		
659.640	-42.517	-2.982	-20.453	-.732	-106593.	-117819.		
733.919	-30.722	-2.863	-15.071	-.733	-96725.	-106386.		
733.920	-30.722	-2.863	-15.071	-.733	-96725.	-106386.		
748.916	-29.231	-2.738	-14.406	-.703	-95481.	-104945.		
748.919	-30.741	-.002	-14.931	.224	-78602.	-90709.		
753.917	-29.602	-.024	-14.278	.204	-77258.	-89123.		
753.918	-29.602	-.024	-14.278	.204	-77258.	-89123.		
791.504	-25.934	.006	-12.497	.187	-72801.	-83954.		
857.500	-19.147	.104	-9.218	.195	-65219.	-75131.		
923.400	-13.137	.094	-6.325	.153	-55498.	-63787.		
969.400	-8.232	.044	-3.974	.086	-43107.	-49354.		
1055.300	-4.023	.034	-2.224	.090	-31732.	-36309.		
1121.300	-2.049	.082	-.992	.067	-20529.	-23467.		
1154.300	-1.168	.071	-.569	.055	-15144.	-17304.		
1187.250	-.554	.077	-.273	.052	-10067.	-11527.		
1220.200	-.195	.092	-.099	.052	-4978.	-5759.		
1253.200	-.052	.035	-.027	.019	-796.	-942.		
1286.200	-.022	.024	-.011	.013	-393.	-472.		
1319.173	.000	.000	-.000	.000	0.	0.		

PREPARED *	*	UNIT INERTIA LOADS	PAGE NO. **3.2- 344
CHECKED **	*		MODEL *****C-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. *IG1US54-12-
DATE *****11/22/55*		SWEPT AXIS SYSTEM	CASE ID *** F10402

FUEL WT. 77167.5 LB.	DENSITY 6.500 LB./GAL.	ATTITUDE -12.000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583 B.L.	.000 .L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1106.583 B.L.	.000 .L. 265.000

TANK	1	2	3	4	5	6	7	8
WT.	21794.5	15023.0	.0	.0	15034.5	22256.0	1758.0	1306.5

STA.	MXPD	MYPD	MPDQ
.000	-10.638	12.403	136.981
120.361	-9.192	10.805	115.300
120.362	-9.192	10.805	115.300
197.900	-8.311	9.833	101.465
263.800	-7.605	9.061	90.019
329.300	-6.897	8.271	79.225
395.752	-6.215	7.512	68.664
469.886	-5.481	6.697	57.232
469.887	-5.481	6.697	57.232
481.259	-5.368	6.572	55.462
481.250	-4.770	5.496	55.165
492.632	-4.669	5.388	53.663
492.633	-4.669	5.388	53.663
527.700	-4.358	5.050	48.994
577.275	-3.934	4.594	42.509
577.276	-4.318	4.235	42.509
659.800	-3.576	3.557	32.797
733.919	-2.943	2.977	24.050
738.920	-2.943	2.977	24.050
743.918	-2.853	2.904	22.215
748.919	-1.543	1.357	22.151
753.917	-1.432	1.302	21.352
758.918	-1.432	1.302	21.352
791.504	-1.280	1.124	18.692
857.500	-.902	.794	13.712
923.400	-.589	.519	9.409
989.400	-.361	.317	5.935
1055.300	-.192	.169	3.249
1121.300	-.080	.070	1.395
1154.300	-.042	.037	.769
1187.250	-.018	.015	.322
1220.200	-.005	.004	.055
1253.200	-.002	.002	.006
1286.200	-.001	.001	-.006
1319.173	.000	-.000	.000

PREPARED * *	UNIT I, INERTIA LOADS	PAGE NO. **3.2-345
CHECKED ** *		MODEL ****C-5A
APPROVED * *	*** FUEL ***	REPORT NO. *LG1US54-12-
DATE *****11/06/68*		CASE ID *** F10403

FUEL WT. 77187.5 LB.	DENSITY 6.500 LB./GAL.	ATTITUDE .000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583 S.L. .000	S.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1106.583 S.L. .000	S.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT.	21794.5	15028.0	.0	.0	15034.5	22256.0	1768.0	1306.5

STA.	SXNZ	MXNZ	MYNZ	MYXZ	SXT00	SXT00
.000	-77187.	-47.706	23.040	3.385	59675.	-8277.
120.361	-77187.	-38.416	23.040	2.664	59675.	-8277.
120.362	-77187.	-38.415	23.040	2.664	59675.	-8277.
197.960	-65061.	-32.888	22.047	2.329	57104.	-5746.
263.800	-54765.	-28.936	20.902	2.136	54138.	-3655.
329.300	-51098.	-25.463	20.413	1.868	52670.	-3056.
395.752	-47879.	-22.196	19.857	1.606	51432.	-2603.
469.836	-43673.	-18.821	19.000	1.349	49211.	-2034.
469.887	-43672.	-18.821	19.000	1.349	49211.	-2034.
481.259	-43027.	-18.303	18.866	1.310	48870.	-1946.
481.260	-43027.	-18.303	18.866	1.310	48870.	-1946.
492.632	-42317.	-17.829	18.704	1.276	48445.	-1853.
492.633	-42317.	-17.829	18.704	1.276	48444.	-1853.
527.700	-40127.	-16.370	18.197	1.173	47132.	-1567.
577.273	-38590.	-14.435	17.831	1.033	46185.	-1368.
577.276	-38590.	-14.435	17.831	1.033	46185.	-1368.
659.600	-37699.	-11.275	17.521	.783	45362.	-1293.
733.919	-34310.	-8.421	16.297	.554	42211.	-1053.
733.920	-34310.	-8.421	16.297	.554	42211.	-1053.
743.913	-33883.	-8.061	16.143	.525	41811.	-1022.
743.919	-33883.	-8.061	16.143	.525	41810.	-1022.
753.317	-33269.	-7.735	15.905	.499	41195.	-982.
753.913	-33269.	-7.735	15.905	.499	41195.	-982.
791.504	-31257.	-6.671	15.135	.417	39185.	-849.
857.530	-26360.	-4.764	13.101	.280	33933.	-543.
923.400	-21739.	-3.185	11.146	.173	28875.	-317.
989.400	-16640.	-1.912	8.779	.092	22737.	-127.
1055.300	-11434.	-.937	6.217	.043	16103.	11.
1121.300	-7833.	-.337	3.324	.013	9904.	64.
1154.300	-4747.	-.195	2.690	.004	6967.	64.
1187.236	-2787.	-.071	1.600	-.000	4143.	49.
1220.200	-955.	-.009	.554	-.001	1435.	20.
1253.200	0.	.000	.000	.000	0.	0.
1285.200	0.	.000	.000	.000	0.	0.
1319.173	0.	.000	.000	.000	0.	0.

PREPARED *	<	UNIT INERTIA LOADS	PAGE NO. **3.2-346
CHECKED **	<		MODEL ****C-5A
APPROVED *	<	*** FUEL ***	REPORT NO. *IG1US54-12-
DATE *****1/02/63*			CASE ID *** F10403

FUEL WT. 77127.5 LB.	DENSITY 6.500 LB./GAL.	ALTITUDE	000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583	B.L.	000
ROTATIONAL AXIS ORIGIN	F.S. 1106.583	B.L.	000

TANK	1	2	3	4	5	6	7	8
WT.	21794.5	15023.0	.0	.0	15034.5	22256.0	1768.0	1300.5

SIA.	MXTD	MYTD	MZTD	MYTD	SZPD	MXPD
.000	49.479	-23.953	2.947	-5.037	-123562.	-102.517
120.351	42.295	-24.040	1.951	-4.530	-123562.	-87.723
120.362	42.295	-24.040	1.951	-4.530	-123562.	-87.722
197.950	37.773	-23.806	1.405	-3.291	-118531.	-73.332
263.800	34.105	-23.442	1.095	-3.507	-112363.	-70.708
322.300	32.573	-23.276	.873	-3.154	-109592.	-63.410
395.752	27.133	-23.036	.691	-2.805	-106566.	-56.291
469.336	23.420	-22.596	.521	-2.403	-101774.	-48.595
469.337	23.420	-22.536	.521	-2.403	-101774.	-48.595
481.259	22.850	-22.517	.495	-2.341	-101039.	-47.414
481.260	22.850	-22.517	.495	-2.341	-101039.	-47.414
492.632	22.303	-22.413	.475	-2.279	-100110.	-46.286
492.633	22.303	-22.413	.475	-2.279	-100110.	-46.286
527.700	20.620	-22.114	.413	-2.033	-97244.	-42.810
577.275	18.316	-21.890	.343	-1.363	-95086.	-38.069
577.276	18.316	-21.890	.343	-1.363	-95086.	-38.069
659.500	14.530	-21.617	.232	-1.545	-93511.	-30.279
738.919	11.059	-20.463	.133	-1.131	-87388.	-23.104
738.920	11.059	-20.463	.133	-1.131	-87388.	-23.104
748.918	11.622	-20.317	.126	-1.134	-86003.	-22.200
748.919	11.622	-20.317	.126	-1.134	-86003.	-22.200
758.917	10.216	-20.073	.117	-1.037	-85377.	-21.360
758.918	10.216	-20.073	.117	-1.037	-85376.	-21.360
791.504	8.895	-19.299	.085	-.974	-81379.	-18.621
857.500	8.476	-17.129	.040	-.635	-70752.	-13.582
923.400	4.406	-14.950	.012	-.393	-60241.	-9.270
989.400	2.693	-12.830	-.003	-.193	-47596.	-5.692
1055.300	1.420	-8.799	-.007	-.054	-33810.	-3.004
1121.300	.560	-5.557	-.005	.017	-20801.	-1.202
1154.300	.289	-3.960	-.003	.030	-14693.	-.613
1187.286	.106	-2.334	-.001	.023	-8754.	-.225
1220.200	.013	-.835	-.000	.014	-3040.	-.025
1253.200	.000	.000	.000	.000	0.	.000
1286.200	.000	.000	.000	.000	0.	.000
1319.173	.000	.000	.000	.000	0.	.000

PREPARED *	UNIT INERTIA LOADS	PAGE NO. **3.2-347
CHECKED **		MODEL *****C-5A
APPROVED *	*** FUEL ***	REPORT NO. *IG1US54-12-
DATE *****1/30/68*		CASE ID *** F104J3

FUEL WT. 7187.5 LB.	DENSITY 6.500 LB./GAL.	ALTITUDE .000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583 B.L. .000	C.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1126.583 B.L. .000	C.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT.	21794.8	15026.0	.0	.0	15034.5	22256.0	1763.0	1330.5

STA.	TYPE	AZPD	MXPS	MXPS100	MXPS150	MXPS100
.000	49.479	1.430	10.534	-3.557	-7.556	-126.805
120.361	49.479	1.430	8.333	-3.100	-6.432	-111.933
120.362	49.479	1.430	8.333	-3.100	-6.432	-111.933
197.900	49.074	1.221	7.147	-2.770	-5.742	-102.275
263.800	46.386	.988	6.315	-2.519	-5.220	-94.296
329.800	46.014	.910	5.530	-2.244	-4.652	-86.805
395.752	47.492	.832	4.782	-1.973	-4.091	-79.413
469.806	46.518	.715	4.020	-1.688	-3.499	-71.242
469.887	46.518	.715	4.020	-1.688	-3.499	-71.242
481.259	46.369	.697	3.904	-1.644	-3.408	-69.989
481.260	46.369	.697	3.904	-1.644	-3.408	-69.989
492.632	46.154	.676	3.800	-1.603	-3.325	-68.761
492.633	46.154	.676	3.800	-1.603	-3.325	-68.760
527.700	45.491	.609	3.481	-1.479	-3.013	-64.973
577.275	44.978	.562	3.057	-1.306	-2.714	-60.001
577.276	44.978	.562	3.057	-1.306	-2.714	-60.001
659.800	42.464	.438	2.333	-1.033	-2.181	-51.919
738.919	42.218	.449	1.668	-.732	-1.500	-43.576
738.920	42.218	.449	1.668	-.732	-1.500	-43.576
748.918	41.934	.438	1.584	-.697	-1.423	-42.524
748.919	41.934	.438	1.584	-.697	-1.423	-42.524
758.917	41.461	.422	1.510	-.666	-1.393	-41.443
758.918	41.461	.422	1.510	-.666	-1.393	-41.443
791.504	39.916	.371	1.267	-.563	-1.181	-37.920
857.500	35.573	.247	.854	-.388	-.814	-30.707
923.400	31.069	.149	.526	-.244	-.514	-24.213
959.400	25.194	.060	.278	-.133	-.261	-17.766
1055.300	18.414	-.009	.126	-.063	-.113	-11.799
1121.300	11.673	-.036	.035	-.019	-.050	-6.757
1154.300	5.331	-.036	.010	-.006	-.013	-4.571
1187.256	5.024	-.028	-.003	.001	.001	-2.608
1220.200	1.765	-.012	-.004	.002	.004	-.863
1253.200	.000	.000	.000	.000	.000	.000
1286.200	.000	.000	.000	.000	.000	.000
1319.175	.000	.000	.000	.000	.000	.000

PREPARED *	*	UNIT INERTIA LOADS	PAGE NO. *3.2-348
CHECKED **	*		MODEL ***C-5A
APPROVED *	*	*** FUEL ***	REPORT NO. *IG10S54-12-1
DATE *****11/02/68*			CASE ID *** F10403

FUEL WT. 77187.5 LB.	DENSITY 6.500 LB./GAL.	ATTITUDE .000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583 B.L.	.000 W.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1106.583 B.L.	.000 W.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT.	21794.5	15028.0	.0	.0	15034.5	22256.0	1708.0	1300.5

SIA.	WZPSIDS	MXGR	MYPR	MZPO
.000	.000	-102.842	24.208	78.555
120.351	7.183	-87.893	24.211	63.682
120.362	7.183	-87.893	24.211	63.682
197.900	11.301	-78.469	23.943	54.526
253.300	14.282	-70.855	23.589	47.266
329.800	17.437	-63.527	23.393	40.134
395.752	20.354	-56.377	23.122	33.255
469.336	23.098	-48.657	22.648	26.009
469.387	23.098	-48.657	22.648	26.009
481.259	23.519	-47.472	22.575	24.398
481.250	23.519	-47.472	22.575	24.397
492.032	23.850	-46.343	22.474	23.868
492.033	23.850	-46.342	22.474	23.868
527.700	24.872	-42.859	22.163	20.696
577.275	26.661	-38.111	21.932	16.179
577.275	26.661	-38.111	21.932	16.179
659.600	29.934	-30.302	21.641	8.661
738.919	31.159	-23.113	20.472	2.641
738.920	31.159	-23.113	20.472	2.641
748.918	31.313	-22.207	20.324	1.383
748.919	31.313	-22.207	20.324	1.383
758.917	31.245	-21.365	20.083	1.281
758.918	31.245	-21.365	20.083	1.281
791.534	31.023	-18.521	19.300	-.679
857.500	29.097	-13.573	17.125	-3.547
925.400	26.063	-9.204	14.944	-5.680
989.100	22.496	-5.686	12.074	-6.387
1055.300	16.994	-3.000	8.795	-5.795
1121.300	11.105	-1.200	5.555	-4.355
1154.300	8.042	-.612	3.958	-3.347
1137.256	4.919	-.224	2.383	-2.159
1220.200	1.751	-.028	.835	-.307
1253.200	.000	.000	.000	.000
1286.200	.000	.000	.000	.000
1319.173	.000	.000	.000	.000

PREPARED *	*	UNIT I INERTIA LOADS	PAGE NO. **3.2-349
CHECKED **	*		MODEL *****0-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. *IG1US54-12-
DATE ***<11/06/68*			CASE ID *** F10403

FUEL WT. 77187.5 LB.	DENSITY 6.500 LB./GAL.	ATTITUDE .000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.533 B.L.	.000 W.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1106.533 B.L.	.000 W.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT.	21794.5	13028.0	.0	.0	15034.5	22256.0	1703.0	1306.5

STA.	SZU2	MXU2	MYU2	MYU3	SXT00	SXT00
.000	-144662.	-63.862	40.092	7.365	103843.	-11570.
120.361	-138279.	-66.755	39.264	6.589	101696.	-10120.
120.362	-138279.	-66.755	39.264	6.589	101696.	-10120.
197.900	-122202.	-66.646	37.614	5.936	97422.	-6747.
263.800	-102875.	-49.030	35.931	5.490	93065.	-4047.
329.800	-101137.	-42.099	34.421	4.977	89153.	-2736.
395.752	-94903.	-35.648	33.148	4.495	85857.	-1764.
469.686	-87548.	-28.910	31.478	4.005	81532.	-707.
469.687	-87548.	-28.910	31.478	4.005	81532.	-707.
481.259	-86419.	-27.876	31.222	3.929	80608.	-545.
481.260	-75508.	-27.908	30.275	2.955	78414.	-1715.
492.632	-74198.	-27.083	29.923	2.397	77503.	-1542.
492.633	-74197.	-27.083	29.923	2.397	77503.	-1542.
527.740	-70157.	-24.540	28.838	2.720	74692.	-1006.
577.275	-66569.	-21.165	27.859	2.487	72158.	-535.
577.276	-66569.	-21.165	27.859	2.487	72158.	-535.
659.630	-62509.	-15.839	26.435	2.090	68472.	-101.
738.919	-56594.	-11.118	24.295	1.735	62927.	392.
738.920	-56594.	-11.118	24.295	1.735	62927.	392.
748.918	-55648.	-10.523	24.025	1.691	62228.	454.
748.919	-44900.	-10.562	21.559	.684	55839.	-1364.
758.917	-43909.	-10.136	21.166	.653	54823.	-1313.
758.918	-43909.	-10.136	21.166	.653	54823.	-1313.
791.504	-40678.	-9.740	19.388	.551	51511.	-1083.
857.500	-34158.	-6.270	17.193	.380	44544.	-671.
923.400	-27936.	-4.242	14.473	.244	37486.	-353.
989.400	-21356.	-2.612	11.376	.139	29465.	-168.
1055.300	-15144.	-1.413	8.324	.072	21559.	65.
1121.300	-9442.	-.604	5.345	.023	13845.	117.
1154.300	-6837.	-.337	3.927	.015	10171.	114.
1187.250	-4462.	-.151	2.606	.006	6750.	95.
1220.200	-2161.	-.044	1.298	.002	3363.	57.
1253.200	-332.	-.010	.212	.001	550.	12.
1286.200	-162.	-.003	.107	.000	278.	7.
1319.175	0.	.000	.000	.000	0.	0.

PREPARED *	*	UNIT INERTIA LOADS	PAGE NO. **3.2-350
CHECKED **	*		MODEL *****0-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. *IG1US54-12-
DATE *****11/08/68*			CASE ID *** F10413

FUEL WT. 77187.5 LB.	DENSITY 6.500 LB./GAL.	ATTITUDE .000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583 B.L.	.000 W.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1106.583 B.L.	.000 W.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT.	21794.5	15029.0	.0	.0	15034.5	22256.0	1768.0	1306.5

STA.	MYTOD	MYTOS	SZPD	MXPD		
.000	78.189	-39.876	3.070	-8.353	-217209.	-167.706
120.361	65.797	-39.579	1.752	-7.720	-216009.	-141.675
120.362	65.797	-39.579	1.752	-7.720	-216009.	-141.675
127.200	58.079	-38.933	1.096	-6.809	-209357.	-125.171
263.000	51.803	-38.235	.740	-6.029	-201383.	-111.613
329.000	45.793	-37.229	.516	-5.319	-195432.	-98.516
395.752	40.031	-36.449	.370	-4.683	-189611.	-85.831
469.686	33.846	-35.366	.281	-3.981	-181211.	-72.101
469.687	33.846	-35.366	.281	-3.981	-181211.	-72.101
481.259	32.698	-35.200	.267	-3.874	-179923.	-69.995
481.260	32.698	-35.200	.267	-3.874	-179923.	-69.995
492.632	32.037	-34.477	.248	-3.647	-164703.	-68.053
492.633	32.037	-34.477	.248	-3.647	-164703.	-68.053
527.700	29.359	-33.647	.202	-3.309	-159450.	-62.351
577.275	25.727	-32.911	.166	-2.919	-154352.	-54.538
577.276	25.726	-32.911	.166	-2.919	-154352.	-54.538
659.500	19.929	-31.546	.138	-2.332	-147816.	-42.123
738.919	14.725	-29.478	.149	-1.761	-136953.	-30.821
738.920	14.725	-29.478	.149	-1.761	-136953.	-30.821
748.918	14.069	-29.218	.151	-1.638	-135588.	-29.396
748.919	14.092	-27.468	.144	-1.515	-114432.	-29.272
756.917	13.557	-27.057	.132	-1.448	-112480.	-28.174
756.918	13.557	-27.057	.132	-1.448	-112479.	-28.174
791.504	11.814	-25.717	.093	-1.227	-106051.	-24.595
857.500	8.638	-22.600	.034	-.833	-92105.	-18.033
923.400	5.951	-19.666	.002	-.510	-77803.	-12.470
939.400	3.742	-15.849	-.014	-.250	-61493.	-7.858
1035.300	2.368	-11.937	-.016	-.072	-45054.	-4.340
1121.300	.906	-7.833	-.011	.024	-28967.	-1.597
1154.300	.512	-5.874	-.007	.044	-21312.	-1.069
1187.256	.234	-3.964	-.004	.046	-14112.	-.437
1220.200	.070	-2.031	-.001	.032	-6944.	-.144
1253.200	.017	-.354	-.000	.007	-1104.	-.035
1286.200	.005	-.135	-.000	.004	-547.	-.011
1319.173	.000	.000	.000	.000	0.	.000

PREPARED *	*	UNIT INERTIA LOADS	PAGE NO. *3.2-351
CHECKED **	*		MODEL *****0-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. #G1US54-12-1
DATE *****11/04/68*			CASE ID *** F10433

FUEL WT. 77187.5 LB.	DENSITY 6.500 LB./GAL.	ATTITUDE .000 DEG.
LOAD AXIS ORIGIN	F.S. 1126.583 B.L.	W.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1116.583 B.L.	W.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT.	21794.5	15028.0	.0	.0	15034.5	22256.0	1783.0	1306.5

STA.	MYPD	MZPD	MXPS	MXPS100	MYPS100	MZPS100
.000	78.189	2.334	18.517	-6.468	-15.441	-207.114
120.361	78.037	2.194	15.179	-5.526	-13.423	-180.628
120.362	78.037	2.194	15.179	-5.526	-13.423	-180.628
197.900	77.359	1.838	13.297	-4.371	-12.201	-163.453
263.800	76.353	1.493	11.978	-4.535	-11.233	-149.220
329.800	75.195	1.225	10.756	-4.093	-10.241	-135.191
395.782	74.009	1.020	9.643	-3.662	-9.274	-121.626
469.886	72.108	.776	8.523	-3.205	-8.247	-106.814
469.887	72.108	.776	8.523	-3.205	-8.247	-106.814
481.259	71.816	.739	8.357	-3.135	-8.090	-104.542
481.260	70.643	.850	7.146	-2.906	-6.883	-104.242
492.632	70.185	.303	6.996	-2.844	-6.747	-102.124
492.633	70.185	.803	6.996	-2.844	-6.747	-102.124
527.700	68.774	.653	6.533	-2.654	-6.331	-95.592
577.275	67.382	.526	5.935	-2.383	-5.770	-87.093
577.276	67.382	.526	5.935	-2.383	-5.770	-87.093
659.800	65.093	.371	4.969	-1.962	-4.800	-73.272
733.919	61.168	.192	4.125	-1.569	-3.976	-59.909
733.920	61.167	.192	4.125	-1.569	-3.976	-59.909
748.913	60.672	.169	4.019	-1.520	-3.868	-58.224
748.919	55.911	.595	2.059	-.920	-1.925	-56.730
753.917	55.130	.556	1.976	-.881	-1.843	-55.220
753.918	55.130	.556	1.976	-.881	-1.843	-55.220
791.504	52.385	.674	1.670	-.754	-1.577	-50.296
857.500	46.834	.303	1.148	-.531	-1.114	-40.813
923.400	40.566	.132	.732	-.347	-.730	-32.116
989.400	32.395	.046	.414	-.204	-.428	-23.687
1055.300	24.819	-.035	.209	-.107	-.225	-16.271
1121.300	13.430	-.068	.080	-.043	-.091	-9.777
1154.300	12.252	-.066	.040	-.023	-.047	-6.946
1187.256	3.249	-.056	.015	-.009	-.019	-4.450
1220.200	4.174	-.034	.004	-.003	-.005	-2.174
1253.200	.706	-.008	.002	-.001	-.003	-.388
1286.200	.362	-.005	.001	-.001	-.001	-.195
1319.173	.000	.000	.000	.000	.000	.000

PREPARED *	*	UNIT INERTIA LOADS	PAGE NO. **3.2-352
CHECKED **	*		MODEL *****C-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. *IG1US54-12-
DATE *****11/06/68*			CASE ID *** F10403

FUEL WT. 77187.5 LB.	DENSITY 6.300 LB./GAL.	ALTITUDE .000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583 B.L.	.000 W.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1106.583 B.L.	.000 W.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT.	21794.5	15022.0	.0	.0	15034.5	22256.0	1763.0	1306.5

STA.	MZPSICS	MXGR	MYPR	MZPR
.000	.000	-137.237	39.407	127.830
120.361	12.240	-1+1.049	38.953	102.096
120.382	12.240	-1+1.049	38.953	102.096
197.700	19.280	-124.521	38.282	86.233
263.800	24.550	-110.934	37.607	73.373
329.800	29.403	-97.372	36.585	61.287
395.752	33.978	-85.177	35.795	49.382
469.380	38.261	-71.448	34.713	36.735
469.687	38.261	-71.448	34.713	36.735
481.259	38.918	-69.342	34.547	34.795
481.250	37.738	-69.496	34.340	35.156
492.652	38.149	-67.647	34.071	33.576
492.633	38.149	-67.647	34.071	33.576
527.700	39.415	-61.945	33.242	28.704
577.275	41.655	-54.137	32.510	21.677
577.276	41.655	-54.137	32.510	21.677
659.600	45.164	-41.726	31.148	10.577
738.919	46.443	-30.430	29.088	1.342
738.920	46.443	-30.430	29.088	1.342
748.918	46.603	-29.007	28.928	.179
748.919	41.819	-29.252	27.458	1.304
758.917	41.573	-28.153	27.046	1.117
758.918	41.573	-28.153	27.046	1.117
791.504	40.771	-24.530	25.701	-1.122
857.500	38.197	-18.013	22.780	-4.767
923.400	34.614	-12.450	19.645	-7.195
989.400	29.153	-7.839	15.829	-7.901
1055.300	22.751	-4.334	11.231	-7.597
1121.300	15.524	-1.894	7.830	-5.386
1154.300	11.740	-1.006	5.871	-4.305
1187.256	8.014	-.485	3.963	-3.477
1220.200	4.103	-.147	2.030	-1.387
1253.200	.689	-.034	.353	-.319
1286.200	.357	-.011	.184	-.174
1319.175	.000	.000	.000	.000

PREPARED *	*	UNIT INERTIA LOADS				PAGE NO. **3.2-353	
CHECKED **	*					MODEL *****0-5A	
APPROVED *	*	*** WING (FUEL INCLUDED) ***				REPORT NO. *IG1US54-12-	
DATE *****11/08/68*		SWEPT AXIS SYSTEM				CASE ID *** F10483	
FUEL WT. 77187.5 LB.		DENSITY 6.500 LB./GAL.		ALTITUDE .000 DEG.			
LOAD AXIS ORIGIN		F.S. 1106.583	B.L.	.000	W.L.	350.250	
ROTATIONAL AXIS ORIGIN		F.S. 1106.583	B.L.	.000	W.L.	265.000	
TANK 1	2	3	4	5	6	7	8
WT. 21794.5	18028.0	.0	.0	15034.5	22256.0	1768.0	1306.5
STX.	SXNX	SYNX	MXNX	MYNX	PZNX	MZYX	
.000	-137310.	-45531.	-2.476	7.466	63.862	-24.377	
120.361	-131251.	-43522.	-2.074	6.255	66.755	-18.723	
120.362	-131251.	-43522.	-2.074	6.255	66.755	-18.723	
197.900	-115992.	-38462.	-1.866	5.534	56.646	-16.319	
263.600	-103342.	-34267.	-1.728	5.211	49.030	-14.580	
329.600	-95997.	-31832.	-1.566	4.724	42.099	-12.374	
395.752	-90080.	-29870.	-1.415	4.267	35.646	-10.385	
469.666	-83098.	-27555.	-1.260	3.801	28.910	-8.327	
469.687	-83098.	-27555.	-1.260	3.801	28.910	-8.327	
481.259	-82027.	-27199.	-1.237	3.730	27.875	-8.043	
481.260	-71670.	-23765.	-.930	2.805	27.903	-10.023	
492.032	-70427.	-23353.	-.912	2.750	27.083	-9.742	
492.033	-70427.	-23353.	-.912	2.750	27.083	-9.742	
527.700	-66592.	-22061.	-.856	2.581	24.540	-8.940	
577.275	-63106.	-20952.	-.783	2.360	21.165	-7.635	
577.276	-61129.	-26358.	-.985	2.283	21.165	-7.685	
659.800	-57400.	-24750.	-.828	1.920	15.639	-5.451	
738.919	-51969.	-22408.	-.687	1.593	11.116	-3.370	
738.920	-51969.	-22408.	-.687	1.593	11.116	-3.370	
748.916	-51284.	-22113.	-.669	1.552	10.523	-3.135	
748.919	-41231.	-17778.	-.271	.623	10.582	-4.763	
758.917	-40320.	-17386.	-.259	.600	10.136	-4.552	
758.918	-40320.	-17386.	-.259	.600	10.136	-4.552	
791.504	-37953.	-16106.	-.218	.506	8.748	-3.925	
857.500	-31567.	-13525.	-.150	.349	6.270	-2.821	
923.400	-25653.	-11061.	-.096	.224	4.242	-1.921	
989.400	-19611.	-8456.	-.055	.123	2.612	-1.173	
1055.300	-13906.	-5996.	-.023	.066	1.413	-.658	
1121.300	-8670.	-3738.	-.011	.026	.504	-.297	
1154.300	-6278.	-2707.	-.006	.013	.337	-.174	
1187.256	-4097.	-1787.	-.002	.005	.151	-.094	
1220.200	-1985.	-856.	-.001	.001	.044	-.051	
1253.200	-305.	-131.	-.000	.001	.010	-.016	
1286.200	-149.	-64.	-.000	.000	.003	-.009	
1319.173	0.	0.	-.000	.000	-.000	-.000	