

PREPARED *	*	UNIT INERTIA LOADS	PAGE NO. **3.2-354
CHECKED **	*		MODEL *****C-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. *IG10554-12-
DATE *****11/08/68*		SWEPT AXIS SYSTEM	CASE ID *** F10403

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	15028.0	.0	.0	15034.5	22256.0	1768.0	1306.5

STA.	SZNZ	MXNZ	WYNZ	SXTDD	SYTDD	SZTDD
.000	-144662.	-67.272	-3.256	-10952.	-3642.	103343.
120.361	-138279.	-69.255	-3.239	-9606.	-3185.	101696.
120.362	-138279.	-69.255	-3.239	-9606.	-3185.	101696.
197.900	-122202.	-58.904	-2.339	-6475.	-2124.	97422.
263.600	-108675.	-51.127	-1.593	-3841.	-1274.	93065.
329.600	-101137.	-43.854	-1.505	-2597.	-861.	89153.
395.752	-94903.	-37.105	-1.363	-1674.	-555.	85857.
469.686	-87548.	-30.062	-1.195	-671.	-223.	81532.
469.687	-87548.	-30.061	-1.195	-671.	-223.	81532.
481.259	-86419.	-28.991	-1.139	-518.	-172.	80868.
481.260	-75508.	-29.645	.729	-1628.	-540.	78414.
492.632	-74198.	-28.773	.723	-1463.	-485.	77503.
492.633	-74197.	-28.773	.723	-1463.	-485.	77503.
527.700	-70157.	-26.106	.762	-955.	-317.	74692.
577.275	-66569.	-22.571	.823	-507.	-166.	72153.
577.276	-66569.	-22.557	-1.139	-491.	-212.	72153.
659.000	-62509.	-16.707	-1.256	-93.	-46.	68472.
733.919	-56594.	-11.544	-1.303	360.	155.	62927.
733.920	-56594.	-11.544	-1.303	360.	155.	62927.
748.918	-55646.	-10.905	-1.283	417.	180.	62223.
748.919	-44900.	-11.585	.192	-1271.	-546.	55339.
758.917	-43909.	-11.110	.167	-1206.	-520.	54823.
758.918	-43909.	-11.110	.167	-1206.	-520.	54823.
791.504	-40673.	-9.587	.146	-994.	-429.	51511.
857.500	-34153.	-6.875	.108	-616.	-266.	44544.
923.400	-27936.	-4.656	.084	-324.	-140.	37486.
969.400	-21356.	-2.863	.043	-99.	-43.	29465.
1055.300	-15144.	-1.558	.045	50.	22.	21569.
1121.300	-9442.	-.673	.034	107.	46.	13845.
1154.300	-6837.	-.378	.027	105.	43.	10171.
1187.256	-4462.	-.176	.026	87.	37.	6750.
1220.200	-2161.	-.060	.029	52.	23.	3363.
1253.200	-332.	-.016	.010	11.	5.	550.
1286.200	-162.	-.006	.007	6.	3.	278.
1319.175	0.	-.000	.000	0.	0.	0.

PREPARED *	UNIT INERTIA LOADS	PAGE NO. **3.2-355
CHECKED **		MODEL *****C-5A
APPROVED *	*** WING (FUEL INCLUDED) ***	REPORT NO. *LG1US54-12-
DATE *****1/06/68*	SWEEP AXIS SYSTEM	CASE ID *** FI0403

FUEL WT. 77187.5 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	15028.0	.0	.0	15034.5	22256.0	1763.0	1300.5

STA.	XATOD	MYTOD	MZTOD	SXTCS	SYTCS	SZTCS
.000	83.216	-2.533	3.076	98565.	32503.	11570.
120.361	70.156	-2.520	1.752	96523.	32003.	10120.
120.362	70.156	-2.520	1.752	96528.	32003.	10120.
197.900	62.038	-2.501	1.096	92471.	30602.	6747.
263.800	55.460	-2.665	.740	88335.	29291.	4047.
329.800	49.066	-2.477	.516	84622.	28000.	2736.
395.752	42.987	-2.451	.370	81493.	27022.	1764.
469.600	36.471	-2.451	.281	77338.	25601.	707.
469.607	36.471	-2.451	.281	77338.	25601.	707.
461.259	35.478	-2.469	.267	76758.	25452.	545.
481.260	35.549	-2.661	.263	74429.	24630.	1715.
492.632	34.625	-2.633	.248	73564.	24393.	1542.
492.633	34.625	-2.633	.248	73564.	24393.	1542.
527.700	31.789	-2.589	.202	70326.	23509.	1006.
577.275	27.963	-2.590	.166	68491.	22711.	535.
577.276	28.082	-.153	.160	66261.	28571.	535.
559.600	21.693	.021	.138	62376.	27111.	101.
728.919	15.981	.127	.149	57734.	24916.	-392.
738.920	15.981	.127	.149	57734.	24916.	-392.
748.918	15.271	.115	.151	57142.	24639.	-454.
748.919	15.546	-.464	.144	51275.	22139.	1384.
758.917	14.949	-.430	.132	50342.	21707.	1313.
758.918	14.949	-.430	.132	50342.	21707.	1313.
791.504	13.027	-.375	.093	47301.	20396.	1033.
857.500	9.536	-.301	.034	40904.	17637.	671.
923.400	6.583	-.236	.002	34422.	14842.	353.
989.400	4.138	-.145	-.014	27057.	11607.	103.
1055.300	2.305	-.122	-.016	19797.	8536.	-55.
1121.300	1.023	-.083	-.011	12713.	5482.	-117.
1134.300	.585	-.065	-.007	9340.	4027.	-114.
1187.250	.280	-.057	-.004	6199.	2673.	-95.
1220.200	.100	-.054	-.001	3033.	1332.	-57.
1253.200	.027	-.019	-.000	505.	218.	-12.
1286.200	.011	-.013	-.000	255.	110.	-7.
1319.173	-.000	.000	.000	0.	0.	-J.

PREPARED *	*	UNIT INERTIA LOADS	PAGE NO. **3.2-356
CHECKED **	*		MODEL *****C-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. *IG1US54-12-
DATE *****1/10/58*		SWEPT AXIS SYSTEM	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 A.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1106.583 B.L.	.000 A.L. 265.000

PANK	1	2	3	4	5	6	7	8
WT. 24794.5	15028.0	.0	.0	15034.5	22256.0	1768.0	1306.5	

STA.	AXTDS	MYTDS	BZTDS	SZPD	MXPD	MYPD
.000	5.511	-6.241	-78.189	-217209.	-176.386	-.965
120.361	3.619	-5.349	-65.797	-216009.	-148.937	-.975
120.362	3.619	-5.349	-65.797	-216009.	-148.937	-.975
197.900	2.813	-5.002	-53.079	-209357.	-151.676	-.596
263.800	2.350	-4.736	-51.803	-201383.	-117.542	-.142
329.800	1.976	-4.320	-45.793	-195432.	-103.767	-.070
395.752	1.592	-3.927	-40.031	-189611.	-90.443	.065
462.386	1.461	-3.513	-33.846	-181211.	-76.049	.265
469.387	1.461	-3.513	-33.846	-181211.	-76.049	.265
481.259	1.427	-3.454	-32.898	-179823.	-73.852	.331
481.260	1.287	-3.046	-32.905	-166405.	-74.535	2.687
492.632	1.252	-2.935	-32.037	-164703.	-72.565	2.679
492.633	1.252	-2.935	-32.037	-164702.	-72.565	2.679
527.700	1.144	-2.806	-29.359	-159450.	-66.595	2.731
577.275	1.026	-2.566	-25.727	-154352.	-58.444	2.816
577.276	1.244	-2.463	-25.726	-154352.	-58.463	-2.268
659.600	1.037	-2.056	-19.929	-147516.	-44.315	-2.451
733.919	.892	-1.690	-14.725	-136958.	-32.470	-2.536
738.920	.892	-1.690	-14.725	-136957.	-32.470	-2.536
748.918	.874	-1.647	-14.069	-135538.	-30.935	-2.499
748.919	.528	-.359	-14.092	-114452.	-32.066	.438
758.917	.498	-.821	-13.557	-112430.	-30.849	.388
758.918	.498	-.321	-13.557	-112479.	-30.849	.388
791.594	.403	-.700	-11.814	-106651.	-26.928	.334
857.500	.249	-.493	-8.638	-92105.	-19.754	.270
923.400	.141	-.322	-6.951	-77803.	-13.672	.213
989.100	.055	-.187	-3.742	-61493.	-8.603	.118
1055.300	.025	-.098	-2.063	-45054.	-4.783	.131
1121.500	.005	-.039	-.906	-28987.	-2.111	.106
1154.300	.001	-.020	-.512	-21312.	-1.221	.086
1187.250	-.001	-.008	-.234	-14112.	-.567	.085
1220.200	-.001	-.002	-.070	-6944.	-.198	.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. **3.2-357
CHECKED **	*		MODEL ****C-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. *IG1US54-12-
DATE *****11/04/68*		SLEPT AXIS SYSTEM	CASE ID *** F10403

FUEL WT. 77167.5 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	13028.0	.0	.0	15034.5	22256.0	1768.0	1308.5

STA.	MZPD	SXPS	SYPS	MYPS	MZPS
.000	1.128	-68364.	206170.	17.931	4.758
120.361	.690	-67986.	205031.	14.625	4.122
120.362	.690	-67986.	205031.	14.625	4.122
197.900	.662	-65893.	198717.	12.330	3.557
263.300	.700	-63383.	191148.	11.589	3.106
329.300	.629	-61510.	185499.	10.008	2.788
395.752	.597	-59678.	179977.	9.341	2.468
469.366	.589	-57034.	172002.	8.280	2.125
469.337	.589	-57034.	172002.	8.280	2.125
431.259	.592	-56629.	170779.	8.118	2.068
481.250	.390	-52374.	157948.	6.906	1.879
492.532	.383	-51838.	156332.	6.761	1.838
492.533	.383	-51838.	156332.	6.761	1.838
527.700	.370	-50185.	151346.	6.317	1.705
577.275	.366	-48580.	143507.	5.749	1.521
577.276	.366	-48115.	141737.	5.595	2.014
659.500	.337	-38527.	135735.	4.696	1.653
738.919	.336	-34223.	125765.	3.921	1.325
738.920	.336	-34223.	125764.	3.921	1.325
748.919	.339	-33636.	124507.	3.324	1.260
748.919	.077	-45317.	105098.	1.931	.743
758.917	.070	-44536.	103237.	1.842	.713
758.913	.070	-44536.	103237.	1.842	.713
791.504	.049	-41990.	97383.	1.553	.616
857.500	.020	-36469.	84578.	1.062	.436
923.400	.004	-30806.	71444.	.674	.286
969.400	-.006	-24343.	56468.	.378	.169
1055.500	-.007	-17839.	41372.	.139	.069
1121.500	-.005	-11477.	26618.	.071	.036
1154.300	-.004	-8433.	19570.	.035	.019
1137.250	-.002	-5587.	12958.	.013	.008
1220.250	-.001	-2749.	6376.	.003	.003
1253.200	-.001	-437.	1014.	.002	.001
1286.200	-.000	-217.	503.	.001	.001
1319.173	.000	0.	-0.	.000	.000

PREPARED *		UNIT INERTIA LOADS	PAGE NO. **3.2-358
CHECKED **	*		MODEL *****C-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. *IG1US54-12-
DATE *****11/08/68*		SWEPT AXIS SYSTEM	CASE ID *** F10+03

FUEL WT. 77187.5 LB.	DENSITY 6.500 LB./GAL.	ALTITUDE .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.	21794.5	15028.0	.0	.0	15034.5	22256.0	1783.0	1306.5

SIA.	SXPSID	SYPSID	MXPSID	MYPSID	MZPSID	MZPSID
.000	238854.	79346.	-1.280	-16.692	-195.323	-23.596
120.351	237039.	77592.	-1.019	-14.484	-165.522	-19.547
120.362	237039.	77592.	-1.019	-14.484	-165.521	-19.647
197.900	229330.	72297.	-.878	-13.146	-146.477	-17.202
263.800	220439.	67224.	-.768	-12.094	-130.969	-14.942
329.800	213559.	64107.	-.661	-11.009	-115.866	-13.200
395.752	206997.	61352.	-.557	-9.955	-101.053	-11.502
439.836	197663.	57706.	-.447	-8.837	-85.253	-9.659
489.337	197663.	57706.	-.447	-8.837	-85.253	-9.659
481.259	196231.	57146.	-.430	-8.665	-82.852	-9.340
481.260	182628.	54002.	-.592	-7.447	-63.210	-6.895
492.632	180725.	53302.	-.576	-7.300	-61.044	-6.648
492.633	180725.	53301.	-.576	-7.300	-61.044	-6.648
527.700	174855.	51140.	-.526	-6.844	-74.408	-5.807
577.275	169218.	49088.	-.455	-6.230	-65.405	-4.659
577.275	170308.	61606.	.067	-6.246	-65.446	-4.658
659.500	162547.	58620.	.111	-5.212	-50.296	-4.435
738.919	150680.	53863.	.133	-4.272	-36.641	-4.197
738.920	150680.	53863.	.133	-4.272	-36.641	-4.197
743.916	149146.	53269.	.136	-4.154	-34.947	-4.115
743.919	127208.	46583.	-.053	-2.132	-35.843	-.993
738.917	124994.	45742.	-.079	-2.042	-34.476	-.988
738.918	124994.	45742.	-.079	-2.042	-34.476	-.988
791.504	117779.	42985.	-.067	-1.747	-30.882	-.846
857.500	102215.	37085.	-.046	-1.233	-22.065	-.569
923.400	86287.	31150.	-.030	-.308	-15.274	-.342
989.400	68134.	24447.	-.017	-.474	-9.610	-.225
1055.300	49908.	17789.	-.009	-.249	-5.363	-.054
1121.300	32100.	11370.	-.004	-.101	-2.375	.027
1134.300	23597.	9333.	-.002	-.052	-1.383	.043
1187.258	15631.	5501.	-.001	-.021	-.849	.069
1220.200	7708.	2697.	-.000	-.006	-.233	.095
1253.200	1232.	426.	-.000	-.003	-.063	.036
1236.200	613.	210.	-.000	-.001	-.027	.025
1319.173	-0.	-0.	-.000	.000	.000	.000

PREPARED *	*	UNIT I INERTIA LOADS	PAGE NO. **3.2-351
CHECKED **	*		MODEL *****C-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. *IG1US54-12-
DATE *****11/09/68*		SWEPT AXIS SYSTEM	CASE ID *** F10403

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

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

STA.	MXQR	MYQR	MXPR	MYPR	SXEQ	SYEQ
.000	-175.920	-.818	-83.068	2.085	-173487.	-166929.
120.361	-148.343	-.778	-69.959	1.926	-173023.	-164514.
120.382	-148.343	-.778	-69.958	1.926	-173023.	-164514.
197.900	-131.058	-.391	-61.833	1.943	-168055.	-158364.
263.800	-116.945	.056	-55.262	2.068	-161856.	-151718.
329.800	-103.156	.132	-48.663	1.866	-15744.	-146132.
395.752	-89.827	.271	-42.781	1.829	-152952.	-141171.
469.866	-75.429	.471	-36.266	1.831	-146341.	-134422.
469.887	-75.429	.471	-36.266	1.831	-146341.	-134422.
481.259	-73.232	.536	-35.272	1.849	-145327.	-133387.
481.260	-74.151	2.815	-35.421	2.275	-133260.	-126303.
492.632	-72.200	2.807	-34.497	2.248	-131939.	-125403.
492.633	-72.200	2.807	-34.497	2.248	-131939.	-125402.
527.700	-66.210	2.658	-31.662	2.205	-127838.	-121081.
577.273	-58.064	2.942	-27.237	2.210	-123796.	-117071.
577.276	-58.100	-2.109	-27.923	-.215	-113186.	-127376.
669.800	-44.480	-2.294	-21.536	-.386	-108624.	-121403.
733.919	-32.112	-2.382	-15.826	-.485	-100649.	-112012.
733.920	-32.112	-2.382	-15.826	-.485	-100649.	-112012.
748.918	-30.577	-2.344	-15.117	-.473	-99866.	-110826.
748.919	-32.057	.442	-15.542	.455	-82989.	-96592.
758.917	-30.838	.392	-14.944	.419	-81581.	-94373.
758.918	-30.838	.392	-14.944	.419	-81581.	-94373.
791.504	-26.914	.340	-13.021	.361	-76988.	-89292.
857.500	-19.736	.277	-9.529	.283	-66941.	-77372.
923.400	-13.653	.221	-6.575	.218	-56602.	-65226.
989.400	-8.590	.125	-4.130	.127	-44801.	-51405.
1038.500	-4.777	.134	-2.302	.115	-32836.	-37636.
1121.300	-2.108	.107	-1.021	.089	-21136.	-24190.
1154.300	-1.199	.087	-.584	.063	-15543.	-17778.
1187.256	-.566	.086	-.279	.056	-10235.	-11756.
1220.200	-.197	.095	-.100	.054	-5045.	-5837.
1253.200	-.052	.035	-.027	.019	-796.	-942.
1286.200	-.022	.024	-.011	.013	-397.	-472.
1319.173	.000	.000	-.000	.000	0.	0.

PREPARED *	*	UNIT INERTIA LOADS	PAGE NO. **3.2-360
CHECKED **	*		MODEL *****C-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. *IG10354-12-1
DATE *****11/09/68*		SYNPT AXIS SYSTEM	CASE ID *** FI0403

FUEL WT. 77187.5 LB.	DENSITY 6.500 LB./GAL.	ALTITUDE .000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583 8.L.	.000 W.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1106.583 8.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	1768.0	1306.5

STA.	MXPG	MYPG	MZPG
.000	-10.999	12.620	139.111
120.361	-9.471	11.006	117.202
120.362	-9.471	11.006	117.202
197.900	-8.559	10.017	103.215
263.800	-7.842	9.239	91.629
329.800	-7.108	8.432	80.722
395.752	-6.395	7.650	69.976
469.386	-5.638	6.819	58.295
469.387	-5.638	6.819	58.295
481.259	-5.522	6.692	56.485
481.260	-4.925	5.618	56.188
492.632	-4.823	5.509	54.656
492.633	-4.823	5.509	54.656
527.700	-4.511	5.174	49.888
577.275	-4.087	4.723	43.328
577.276	-4.482	4.351	43.328
659.600	-3.714	3.659	33.553
738.919	-3.015	3.030	24.610
738.920	-3.015	3.030	24.610
748.918	-2.927	2.950	23.456
748.919	-1.607	1.403	22.691
758.917	-1.539	1.344	21.860
758.918	-1.539	1.344	21.860
791.504	-1.317	1.150	19.092
857.500	-.928	.813	13.981
923.400	-.608	.533	9.647
989.400	-.356	.312	6.086
1055.300	-.187	.164	3.316
1121.300	-.076	.066	1.416
1154.300	-.039	.034	.777
1187.256	-.016	.014	.323
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. **3.2-361
CHECKED **	*		MODEL *****C-5A
APPROVED *	*	*** FUEL ***	REPORT NO. *IG10S54-12-1
DATE *****11/06/66*			CASE IS *** F10404

FUEL WT. 77187.5 LB.	DENSITY 6.500 LB./GAL.	ALTITUDE 8.000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583 B.L.	0.000 H.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1106.583 B.L.	0.000 H.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT.	21794.5	15026.0	.0	.0	15034.5	22256.0	1748.0	1306.5

STA.	SZNZ	MXNZ	MYNZ	MYXZ	SZTOD	SXTOD
.000	-77187.	-48.195	23.573	3.356	61056.	-8351.
120.361	-77187.	-38.905	23.573	2.635	61056.	-8351.
120.362	-77187.	-38.904	23.573	2.635	61056.	-8351.
197.900	-65214.	-33.364	22.545	2.297	58393.	-5855.
263.800	-54788.	-29.408	21.377	2.109	55367.	-3731.
329.800	-52054.	-25.905	21.005	1.841	54406.	-3275.
395.752	-49346.	-22.555	20.511	1.572	53125.	-2899.
469.366	-44776.	-19.079	19.556	1.314	50652.	-2264.
469.367	-44776.	-19.079	19.556	1.314	50652.	-2264.
481.259	-44075.	-18.546	19.410	1.275	50273.	-2167.
481.260	-44075.	-18.546	19.410	1.275	50273.	-2167.
492.632	-43200.	-18.064	19.205	1.244	49743.	-2045.
492.633	-43200.	-18.064	19.205	1.244	49743.	-2045.
527.700	-40502.	-16.577	18.573	1.150	48108.	-1670.
577.275	-38590.	-14.637	18.116	1.018	46921.	-1406.
577.276	-38590.	-14.637	18.116	1.018	46921.	-1406.
659.600	-38093.	-11.471	17.926	.779	46429.	-1367.
738.919	-35415.	-8.547	16.884	.539	43732.	-1170.
738.920	-35415.	-8.546	16.884	.539	43732.	-1170.
748.918	-35077.	-8.178	16.753	.510	43391.	-1145.
748.919	-35077.	-8.178	16.753	.510	43391.	-1145.
758.917	-34428.	-7.840	16.493	.485	42719.	-1099.
758.918	-34428.	-7.840	16.493	.485	42719.	-1099.
791.504	-32314.	-6.739	15.647	.403	40526.	-952.
857.598	-26615.	-4.764	13.278	.275	34392.	-578.
923.400	-21807.	-3.198	11.208	.173	29026.	-320.
989.400	-18710.	-1.920	8.817	.093	22836.	-127.
1055.300	-11483.	-.991	6.244	.043	16173.	11.
1121.300	-.865.	-.389	3.839	.013	9946.	64.
1154.300	-.4766.	-.196	2.791	.004	6996.	64.
1157.266	-2799.	-.071	1.606	-.000	4161.	49.
1220.200	-959.	-.009	.557	-.001	1442.	20.
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 *	*	UNIT INERTIA LOADS	PAGE NO. **3.2-362
CHECKED **	*		MODEL ****C-5A
APPROVED *	*	*** FUEL ***	REPORT NO.*LG1US54-12-1
DATE *****1/25/68*			CASE ID *** F10404

FUEL WT. 77187.5 LB.	DENSITY 6.500 LB./GAL.	ATTITUDE 6.000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583 8.L.	.000 W.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1106.583 8.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	1708.0	1306.5

SIA.	MYTDD	MYTDD	MZTDD	MYTDS	SZPD	MXPD
.000	50.621	-24.739	3.053	-5.205	-124829.	-103.920
120.361	43.273	-24.617	2.048	-4.635	-124829.	-88.973
120.362	43.273	-24.617	2.048	-4.635	-124829.	-88.973
197.900	36.643	-24.568	1.494	-4.081	-119843.	-79.481
263.800	34.893	-24.195	1.178	-3.587	-113603.	-71.773
329.800	31.275	-24.069	.952	-3.246	-111562.	-64.373
395.752	27.727	-23.842	.747	-2.897	-109000.	-57.107
469.386	23.390	-23.334	.558	-2.473	-103776.	-49.240
469.387	23.890	-23.334	.558	-2.473	-103776.	-49.240
481.239	23.302	-23.255	.529	-2.408	-102974.	-48.034
481.260	23.301	-23.255	.529	-2.408	-102974.	-48.034
492.632	22.741	-23.130	.507	-2.340	-101829.	-46.888
492.633	22.741	-23.130	.507	-2.340	-101828.	-46.887
527.700	21.015	-22.744	.439	-2.131	-98293.	-43.354
577.275	18.672	-22.461	.366	-1.898	-95011.	-38.579
577.276	18.672	-22.461	.366	-1.898	-95011.	-38.579
659.500	14.820	-22.233	.251	-1.582	-94784.	-30.734
738.919	11.235	-21.234	.149	-1.223	-89846.	-23.399
738.920	11.235	-21.234	.149	-1.223	-89846.	-23.399
748.918	10.784	-21.102	.137	-1.177	-89222.	-22.474
748.919	10.783	-21.102	.137	-1.177	-89222.	-22.474
758.917	10.363	-20.831	.126	-1.128	-87926.	-21.603
758.918	10.363	-20.831	.126	-1.128	-87926.	-21.608
791.504	6.993	-19.942	.092	-.966	-83701.	-18.786
857.500	6.511	-17.330	.040	-.643	-71502.	-13.639
923.400	4.428	-15.054	.012	-.395	-60439.	-9.309
989.400	2.759	-12.134	-.003	-.193	-47794.	-5.716
1055.300	1.426	-8.837	-.007	-.054	-33954.	-3.016
1121.300	.571	-5.630	-.005	.018	-20943.	-1.207
1154.300	.290	-3.976	-.003	.030	-14758.	-.616
1187.256	.106	-2.394	-.001	.029	-8791.	-.225
1220.200	.014	-.839	-.000	.014	-3054.	-.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. **3.2-363
CHECKED **	*		MODEL *****C-5A
APPROVED *	*	*** FUEL ***	REPORT NO. *IG1US54-12-1
DATE *****11/08/53*			PAGE 10 *** F10404

FUEL WT. 77187.5 LB.	DENSITY 6.500 LB./GAL.	ATTITUDE 0.000 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	20256.0	1708.0	1330.5

STA.	MYPO	MZPO	MXPS	MXPSID0	MYPSID0	MZPSID0
.000	50.621	1.504	10.642	-3.701	-7.663	-128.932
120.561	50.621	1.504	8.471	-3.131	-6.422	-113.957
120.562	50.621	1.504	8.471	-3.131	-6.422	-113.957
197.000	50.199	1.290	7.217	-2.792	-5.724	-104.131
263.000	49.499	1.052	6.375	-2.535	-5.197	-96.110
329.000	49.219	.933	5.576	-2.253	-4.624	-88.554
395.752	48.751	.924	4.798	-1.973	-4.050	-81.033
469.886	47.663	.792	4.011	-1.681	-3.453	-72.628
469.887	47.663	.792	4.011	-1.681	-3.453	-72.628
481.259	47.496	.772	3.890	-1.637	-3.362	-71.339
481.260	47.496	.772	3.890	-1.637	-3.362	-71.338
492.532	47.228	.743	3.788	-1.597	-3.281	-70.066
492.533	47.228	.743	3.788	-1.597	-3.281	-70.066
527.700	46.401	.656	3.473	-1.476	-3.034	-66.144
577.275	45.758	.593	3.056	-1.306	-2.690	-61.079
577.276	45.758	.593	3.056	-1.306	-2.690	-61.079
659.660	45.444	.578	2.327	-1.004	-2.077	-53.035
738.919	43.523	.501	1.649	-.721	-1.500	-44.639
738.920	43.523	.501	1.649	-.721	-1.500	-44.639
748.918	43.280	.492	1.564	-.686	-1.427	-43.580
748.919	43.280	.492	1.564	-.686	-1.427	-43.580
758.917	42.761	.474	1.488	-.654	-1.362	-42.441
758.918	42.761	.474	1.488	-.654	-1.362	-42.441
791.504	41.069	.415	1.241	-.551	-1.150	-38.732
857.500	36.002	.260	.842	-.383	-.642	-31.013
923.400	31.233	.150	.526	-.244	-.514	-24.356
969.400	25.304	.050	.279	-.134	-.283	-17.843
1055.500	18.493	-.009	.126	-.063	-.104	-11.349
1121.500	11.720	-.036	.035	-.019	-.040	-6.785
1154.500	8.366	-.036	.010	-.006	-.013	-4.591
1187.250	5.046	-.028	-.003	.001	.001	-2.619
1220.200	1.773	-.012	-.004	.002	.004	-.667
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 FERTILIZERS	PAGE NO. **3.2-364
CHECKED **	*		MODEL *****C-5A
APPROVED *	*	*** FUEL ***	REPORT NO. *IG1US54-12-1
DATE *****1/03/68*			CASE ID *** F10404

FUEL WT. 77167.5 LB.	DENSITY 6.500 LB./GAL.	ALTITUDE 8.000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583 8.L.	.000 8.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1106.583 8.L.	.000 8.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT.	21794.5	15023.0	.0	.0	15034.5	22256.0	1763.0	1306.5

STA.	MZPSIDS	MXGR	MYPR	MZPO
.000	.000	-104.242	25.062	79.180
120.361	7.349	-39.140	24.984	64.156
120.362	7.349	-39.140	24.984	64.156
197.900	11.556	-79.612	24.699	54.213
263.300	14.606	-71.915	24.337	47.576
329.300	17.943	-64.434	24.191	40.303
395.732	21.024	-57.135	23.926	33.260
469.886	23.773	-49.294	23.368	25.906
469.367	23.773	-49.294	23.367	25.906
481.259	24.194	-48.033	23.305	24.778
481.260	24.194	-48.033	23.305	24.778
492.632	24.486	-46.936	23.179	23.757
492.633	24.486	-46.936	23.179	23.757
527.700	25.386	-43.399	22.789	20.610
577.275	27.086	-38.619	22.500	16.118
577.276	27.086	-38.619	22.500	16.118
659.500	30.524	-30.756	22.304	8.452
733.919	32.287	-23.404	21.240	2.164
738.920	32.287	-23.404	21.240	2.164
748.918	32.496	-22.478	21.105	1.372
748.919	32.496	-22.478	21.105	1.372
758.917	32.398	-21.610	20.833	.777
758.918	32.398	-21.610	20.833	.777
791.504	32.077	-18.783	19.946	-1.163
857.500	29.491	-13.633	17.374	-3.741
923.400	26.805	-9.303	15.048	-5.745
989.400	22.594	-5.710	12.123	-6.418
1035.300	17.067	-3.012	8.833	-5.821
1121.300	11.150	-1.205	5.578	-4.373
1154.300	8.076	-.614	3.975	-3.361
1187.266	4.940	-.225	2.393	-2.168
1220.200	1.759	-.028	.839	-.810
1253.200	.000	.000	.000	.000
1236.200	.000	.000	.000	.000
1319.173	.000	.000	.000	.000

PREPARED *	*	UNIT INERTIA LOADS	PAGE NO. **3.2-365
CHECKED **	*		MODEL ****C-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. *LG10S54-12-1
DATE ****11/06/66*			CASE ID *** F10404

FUEL WT. 77187.5 LB.	DENSITY 6.500 LB./GAL.	ALTITUDE 0.000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583 B.L.	0.000 W.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1106.583 B.L.	0.000 W.L. 285.000

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

STA.	SZNZ	MXNZ	MYNZ	MYGX	SZTOD	SXTOD
.000	-144662.	-84.351	40.625	7.337	105222.	-11644.
120.361	-138279.	-67.244	39.796	6.561	103076.	-10194.
120.362	-138279.	-67.244	39.796	6.561	103076.	-10194.
197.900	-122355.	-57.123	38.111	5.905	98712.	-6856.
263.300	-108897.	-49.502	36.406	5.463	94294.	-4122.
329.300	-102093.	-42.541	35.014	4.950	90628.	-2955.
395.752	-96371.	-36.607	33.802	4.461	87550.	-2059.
469.386	-88651.	-29.168	32.035	3.970	82973.	-938.
469.387	-88651.	-29.168	32.035	3.970	82973.	-938.
481.239	-87467.	-28.119	31.764	3.304	82271.	-766.
481.280	-76555.	-28.151	30.817	2.920	79812.	-1936.
492.632	-75081.	-27.318	30.424	2.865	78801.	-1734.
492.633	-75081.	-27.318	30.424	2.865	78801.	-1733.
527.700	-70532.	-24.747	29.214	2.696	75660.	-1109.
577.275	-66569.	-21.357	28.144	2.472	72695.	-572.
577.276	-66569.	-21.367	28.144	2.472	72695.	-572.
659.500	-62899.	-16.634	26.840	2.377	69510.	-169.
738.919	-57698.	-11.244	24.883	1.721	64448.	275.
738.920	-57698.	-11.244	24.883	1.721	64448.	275.
748.918	-57042.	-10.640	24.636	1.676	63805.	331.
748.919	-48094.	-10.679	22.169	.669	57420.	-1508.
758.917	-48069.	-10.241	21.754	.638	56345.	-1431.
758.918	-48068.	-10.241	21.754	.638	56345.	-1431.
791.504	-41725.	-8.616	20.402	.537	52840.	-1135.
857.500	-34474.	-6.290	17.375	.374	45000.	-751.
923.400	-26005.	-4.256	14.532	.243	37641.	-355.
989.400	-21426.	-2.820	11.414	.140	29564.	-159.
1055.300	-15193.	-1.417	8.351	.072	21624.	55.
1121.300	-9469.	-.806	5.361	.029	13604.	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	3369.	57.
1253.200	-332.	-.010	.212	.001	550.	12.
1286.200	-162.	-.003	.107	.000	271.	7.
1319.173	0.	.000	.000	.000	0.	0.

PREPARED *	*	UNIT INERTIA LOADS	PAGE NO. *3.2-366
CHECKED **	*		MODEL ***0-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. *LG1US54-12-1
DATE *****11/00/68*			CASE ID *** F10404

FUEL WT. 77187.5 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.	21794.5	15023.0	.0	.0	15034.5	22256.0	1768.0	1306.5

STA.	MXIDD	MYIDD	MZIDD	MYIDS	SZPD	MXPD
.000	79.331	-40.633	3.182	-8.970	-218476.	-169.109
120.361	66.773	-40.357	1.849	-7.824	-217276.	-142.926
120.362	66.773	-40.357	1.849	-7.824	-217276.	-142.926
197.900	58.950	-39.695	1.185	-6.899	-210669.	-126.320
263.800	52.591	-38.988	.823	-6.108	-202621.	-112.678
329.800	46.490	-38.022	.589	-5.410	-197398.	-99.479
395.752	40.620	-37.261	.426	-4.775	-192043.	-86.047
469.586	34.316	-36.115	.317	-4.052	-183213.	-72.747
469.587	34.316	-36.115	.317	-4.052	-183213.	-72.746
481.259	33.349	-35.939	.300	-3.941	-181856.	-70.614
481.260	33.357	-35.485	.297	-3.824	-188340.	-70.522
492.632	32.475	-35.189	.280	-3.708	-186421.	-68.654
492.633	32.475	-35.189	.280	-3.708	-186421.	-68.654
527.700	29.754	-34.277	.228	-3.352	-180499.	-62.895
577.275	26.082	-33.431	.189	-2.949	-154875.	-55.096
577.276	26.082	-33.431	.189	-2.949	-154875.	-55.097
659.600	20.219	-32.211	.158	-2.368	-148989.	-42.579
738.919	14.901	-30.250	.161	-1.803	-139415.	-31.115
738.920	14.901	-30.250	.161	-1.803	-139415.	-31.115
748.918	14.231	-30.002	.161	-1.731	-138297.	-29.670
748.919	14.254	-20.253	.155	-1.558	-117071.	-29.546
758.917	13.704	-27.810	.141	-1.488	-115029.	-28.422
758.918	13.704	-27.810	.141	-1.488	-115029.	-28.422
791.504	11.912	-25.366	.098	-1.259	-108372.	-24.760
857.800	8.673	-23.050	.035	-.842	-92850.	-18.089
923.400	5.973	-19.770	.002	-.512	-78001.	-12.509
989.400	3.754	-15.903	-.014	-.250	-61691.	-7.381
1055.300	2.074	-11.575	-.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	-14146.	-.483
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 I ERTIA LOADS	PAGE NO. **3.2-367
CHECKED **	*		MODEL *****C-5A
APPROVAL *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. *IG1US54-12-
DATE ***** 1/10/66*			PAGE ID *** F10404

FUEL WT. 77187.5 LB.	DENSITY 6.500 LB./GAL.	ALTITUDE 8.000 DEG.
LOAD AXIS ORIGIN	F.S. 1176.583 B.L.	.000 I.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1176.583 B.L.	.000 I.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT.	21794.5	18028.0	.0	.0	15034.5	22256.0	1738.0	1306.5

STA.	MYPD	MZPD	MXPS	MXPS100	MYPS100	MZPS100
.000	79.331	2.458	18.625	-6.513	-15.473	-209.290
120.361	79.180	2.267	15.266	-5.558	-13.418	-182.652
120.362	79.180	2.267	15.266	-5.558	-13.418	-182.652
197.900	76.485	1.907	13.367	-4.993	-12.143	-165.359
263.800	77.485	1.557	12.038	-4.551	-11.215	-151.034
329.800	76.399	1.309	10.802	-4.101	-10.212	-136.852
395.782	75.268	1.113	9.659	-3.662	-9.233	-123.246
469.826	73.252	.853	8.518	-3.199	-8.201	-108.200
469.827	73.252	.853	8.518	-3.199	-8.201	-108.199
481.259	72.943	.813	8.343	-3.123	-8.043	-105.891
481.260	71.770	.925	7.133	-2.899	-6.836	-105.592
492.632	71.259	.870	6.984	-2.838	-6.704	-103.430
492.633	71.259	.870	6.984	-2.838	-6.704	-103.430
527.700	69.683	.702	6.525	-2.650	-6.297	-96.763
577.275	68.162	.557	5.935	-2.392	-5.746	-88.176
577.276	68.162	.557	5.935	-2.392	-5.746	-88.176
659.000	66.073	.411	4.964	-1.957	-4.806	-74.391
738.919	62.472	.244	4.106	-1.559	-3.945	-60.972
738.920	62.472	.244	4.106	-1.559	-3.945	-60.971
748.918	62.018	.223	3.993	-1.503	-3.837	-59.280
748.919	57.256	.649	2.048	-.909	-1.394	-57.736
758.917	56.430	.618	1.954	-.870	-1.312	-56.213
758.918	56.430	.618	1.954	-.870	-1.312	-56.213
791.504	53.737	.518	1.645	-.741	-1.517	-51.103
857.500	47.263	.316	1.136	-.526	-1.102	-41.113
923.400	40.729	.164	.732	-.348	-.710	-32.259
989.400	33.004	.046	.415	-.204	-.429	-23.785
1055.300	24.898	-.035	.209	-.107	-.226	-16.321
1121.300	15.477	-.068	.080	-.043	-.051	-9.305
1154.300	12.286	-.067	.040	-.023	-.047	-6.959
1187.256	8.270	-.056	.015	-.009	-.019	-4.461
1220.260	4.182	-.034	.004	-.003	-.005	-2.178
1253.200	.708	-.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. **3.2-368
CHECKED **	*		MODEL *****C-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. *IG10S54-12-1
DATE *****11/02/88*			CASE ID *** F10404

FUEL WT. 77187.5 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.	21794.3	15028.0	.0	.0	15034.5	22256.0	1768.0	1306.5

STA.	MZPSIDS	MXGR	MYPR	MZPG
.000	.000	-168.637	40.181	128.456
120.361	12.406	-142.296	39.726	102.569
120.362	12.406	-142.295	39.726	102.569
197.900	14.535	-125.664	39.039	86.625
263.800	24.875	-112.045	38.355	73.690
329.800	29.909	-98.830	37.373	61.457
395.752	34.648	-85.985	36.599	49.386
469.866	38.936	-72.085	35.453	36.632
469.367	38.936	-72.085	35.453	36.632
481.259	39.594	-69.952	35.277	34.675
481.260	38.413	-70.107	35.070	35.037
492.532	38.784	-68.241	34.776	33.465
492.533	38.785	-68.240	34.776	33.465
527.700	39.929	-62.485	33.867	28.618
577.276	42.080	-54.695	33.079	21.616
577.276	42.080	-54.695	33.079	21.616
659.500	45.854	-42.179	31.812	10.368
738.919	47.571	-30.722	29.856	.866
738.920	47.571	-30.722	29.856	.865
748.918	47.767	-29.277	29.609	-.332
748.919	43.003	-29.533	28.240	1.293
758.917	42.726	-28.408	27.796	.613
758.918	42.726	-28.409	27.796	.612
791.504	41.323	-24.742	26.348	-1.606
857.300	38.590	-18.038	23.029	-4.961
923.400	34.756	-12.489	19.749	-7.261
989.400	29.251	-7.862	15.884	-8.021
1055.300	22.825	-4.346	11.969	-7.623
1121.300	15.569	-1.899	7.903	-6.004
1154.300	11.774	-1.069	5.886	-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	-.319
1286.200	.357	-.011	.184	-.174
1319.175	.000	.000	.000	.000

PREPARED *	*	UNIT INERTIA LOADS	PAGE NO. **3-2-369
CHECKED **	*		MODEL *****0-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. *LG1US54-12-
DATE *****11/08/68*		SWEEP AXIS SYSTEM	CASE ID *** F10404

FUEL WT. 77187.5 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.	21794.0	15028.0	.0	.0	15034.5	22256.0	1748.0	1300.5

STX	SXNX	SYNX	MXNX	MYNX	MZNX	MZNY
.000	-137310.	-45531.	-2.467	7.439	84.351	-24.910
120.361	-131251.	-43522.	-2.065	6.227	67.244	-19.256
120.362	-131251.	-43522.	-2.065	6.227	67.244	-19.256
197.900	-116137.	-33510.	-1.858	5.605	57.123	-16.790
263.300	-103363.	-34274.	-1.719	5.185	49.502	-15.050
329.300	-96905.	-32133.	-1.558	4.698	42.841	-12.758
395.752	-91473.	-30332.	-1.404	4.234	36.067	-10.686
469.086	-84146.	-27902.	-1.249	3.768	29.168	-8.592
469.087	-84146.	-27902.	-1.249	3.768	29.168	-8.592
481.259	-83022.	-27529.	-1.226	3.696	28.119	-8.304
481.260	-72665.	-24095.	-.919	2.771	28.161	-10.283
492.632	-71265.	-23631.	-.902	2.720	27.313	-10.003
492.633	-71265.	-23631.	-.902	2.720	27.313	-10.003
527.700	-66947.	-22199.	-.849	2.559	24.747	-9.210
577.275	-63136.	-20952.	-.773	2.346	21.367	-8.169
577.276	-61129.	-20353.	-.979	2.270	21.367	-8.170
659.000	-57759.	-24906.	-.323	1.908	16.034	-5.734
738.919	-52933.	-22345.	-.681	1.590	11.244	-3.549
738.920	-52983.	-22345.	-.681	1.580	11.244	-3.549
748.918	-52530.	-22586.	-.663	1.539	10.640	-3.299
748.919	-42327.	-18251.	-.265	.614	10.679	-4.927
753.917	-41335.	-17845.	-.253	.586	10.241	-4.701
753.918	-41335.	-17845.	-.253	.586	10.241	-4.701
791.594	-38315.	-16521.	-.213	.493	8.316	-4.028
857.500	-31553.	-13650.	-.148	.344	6.290	-2.856
923.400	-25716.	-11088.	-.096	.224	4.256	-1.950
939.400	-19674.	-8483.	-.055	.128	2.620	-1.178
1055.500	-13951.	-5015.	-.029	.066	1.417	-.680
1121.500	-8695.	-3749.	-.011	.026	.600	-.293
1154.500	-5290.	-2715.	-.006	.013	.337	-.175
1187.250	-4108.	-1771.	-.002	.005	.182	-.094
1220.200	-1938.	-857.	-.001	.001	.044	-.051
1253.200	-305.	-131.	-.000	.001	.010	-.016
1286.200	-149.	-64.	-.000	.000	.003	-.009
1319.175	0.	0.	-.000	.000	-.000	-.000

PREPARED *	*	UNIT INERTIA LOADS	PAGE NO. **3.2-370
CHECKED **	*		MODEL ****FC-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. *IG1US54-12-
DATE ****11/06/68*		SKEPT AXIS SYSTEM	CASE ID *** F10404

FUEL WT. 77187.5 LB.	DENSITY 6.500 LB./GAL.	ALTITUDE 8,000 DEG.
LOAD 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	15028.0	.0	.0	15034.5	22256.0	1768.0	1306.5

STA.	SZMZ	MXMZ	MYMZ	SXT00	SYT00	SZT00
.000	-144062.	-37.004	-2.905	-11052.	-3665.	105222.
120.361	-130279.	-39.337	-2.337	-9676.	-3208.	103076.
120.362	-138279.	-39.837	-2.337	-9676.	-3208.	103076.
197.900	-122355.	-39.504	-2.042	-6502.	-2158.	98712.
263.000	-108897.	-31.723	-1.295	-3913.	-1297.	94294.
329.800	-102093.	-44.395	-1.280	-2805.	-930.	90688.
395.752	-96371.	-37.541	-1.120	-1954.	-642.	87550.
469.880	-88651.	-30.390	-1.025	-890.	-295.	82973.
469.887	-88651.	-30.390	-1.025	-890.	-295.	82973.
481.259	-87467.	-29.304	-.968	-727.	-241.	82271.
481.260	-76555.	-29.957	.900	-1838.	-609.	79813.
492.632	-75081.	-29.078	.897	-1645.	-546.	78801.
492.633	-75081.	-29.078	.897	-1645.	-546.	78801.
527.700	-70532.	-26.388	.953	-1053.	-349.	75666.
577.275	-66569.	-22.852	1.029	-543.	-180.	72395.
577.276	-66569.	-22.855	-.953	-526.	-227.	72395.
659.000	-62899.	-16.994	-1.083	-155.	-67.	69513.
738.919	-57698.	-11.730	-1.193	253.	109.	64443.
738.920	-57698.	-11.730	-1.193	253.	109.	64443.
748.918	-57042.	-11.077	-1.184	304.	131.	63308.
748.919	-46094.	-11.757	.296	-1333.	-598.	57420.
758.917	-45089.	-11.266	.262	-1314.	-507.	56345.
758.918	-45068.	-11.266	.262	-1314.	-587.	56345.
791.504	-41725.	-9.690	.288	-1038.	-469.	52343.
857.500	-34474.	-6.910	.141	-843.	-277.	45003.
923.400	-28005.	-4.630	.105	-326.	-141.	37640.
989.400	-21426.	-2.872	.045	-100.	-43.	29564.
1055.300	-15193.	-1.563	.045	50.	22.	21629.
1121.300	-9469.	-.674	.034	108.	40.	13584.
1154.300	-6856.	-.379	.027	105.	45.	10200.
1187.250	-4473.	-.177	.027	87.	38.	6768.
1220.200	-2165.	-.000	.029	52.	23.	3369.
1253.200	-332.	-.016	.010	11.	5.	550.
1286.200	-162.	-.006	.007	6.	3.	278.
1319.175	0.	-.000	.000	0.	0.	0.

PREPARED *	*	UNIT INERTIA LOADS	PAGE NO. **3.2-37/
CHECKED **	*		MODEL ***C-5A
APPROVED *	*	*** WING (FILE INCLUDED) ***	REPORT NO. *IG1US54-12-
DATE *****11/08/68*		SWEPT AXIS SYSTEM	CASE ID *** FIC404

FUEL WT. 77187.5 LB.	DENSITY 6.500 LB./GAL.	ALTITUDE 8.000 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.	21790.5	15028.0	.0	.0	15034.5	22256.0	1788.0	1306.5

STA.	XTOD	MYTOD	MZTOD	SXTDS	SYTDS	SZTDS
.000	84.497	-2.769	3.182	99875.	33117.	11644.
120.361	71.262	-2.756	1.849	97837.	32442.	10194.
120.362	71.262	-2.756	1.849	97837.	32442.	10194.
197.803	63.034	-2.797	1.185	93695.	31068.	6850.
263.800	56.369	-2.903	.823	89502.	29678.	4122.
329.800	49.372	-2.693	.589	86079.	28543.	2955.
395.752	43.674	-2.650	.426	83101.	27555.	2059.
469.686	37.033	-2.652	.317	78757.	26115.	933.
469.687	37.033	-2.652	.317	78756.	26115.	938.
481.209	36.021	-2.671	.300	76290.	25894.	766.
481.200	36.092	-2.862	.297	75761.	25122.	1936.
492.632	35.154	-2.836	.280	74797.	24802.	1734.
492.633	35.154	-2.836	.280	74796.	24802.	1733.
527.700	32.276	-2.801	.228	71621.	23815.	1109.
577.275	28.410	-2.810	.189	69190.	22943.	572.
577.276	28.547	-.333	.189	66937.	22862.	572.
659.000	22.084	-.153	.158	63837.	27526.	169.
738.919	16.225	.005	.161	59131.	25518.	-275.
738.920	16.225	.005	.161	59131.	25518.	-275.
748.918	15.496	.002	.161	58594.	25265.	-331.
748.919	15.771	-.577	.155	52727.	22738.	1506.
758.917	15.154	-.534	.141	51740.	22311.	1431.
758.918	15.154	-.534	.141	51740.	22311.	1431.
791.004	13.167	-.453	.093	48524.	20923.	1135.
857.000	9.591	-.339	.035	41325.	17319.	701.
923.000	6.617	-.260	.002	34563.	14903.	355.
989.000	4.151	-.147	-.014	27148.	11706.	109.
1055.000	2.311	-.122	-.016	19861.	8504.	-55.
1121.000	1.026	-.034	-.011	12750.	5497.	-117.
1154.000	.587	-.065	-.007	9356.	4039.	-115.
1187.250	.230	-.057	-.004	6215.	2680.	-95.
1220.200	.100	-.054	-.001	3034.	1334.	-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 I ERTIA LOADS	PAGE NO. **3.2- 372
CHECKED **		MODEL *****C-5A
APPROVED *	*** WING (FUEL INCLUDED) ***	REPORT NO. *IG1US54-12-1
DATE *****11/06/63*	SKEET AXIS SYSTEM	CASE ID *** F10404

FUEL WT. 77187.5 LB.	DENSITY 6.500 LB./GAL.	ALTITUDE 8.000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.533	B.L. .000
ROTATIONAL AXIS ORIGIN	F.S. 1106.533	B.L. .000

TANK	1	2	3	4	5	6	7	8
WT.	21794.5	18028.0	.0	.0	15834.5	22256.0	1768.0	1306.5

SIA.	MXIDS	MYIDS	MZIDS	SZPD	MXPD	MYPD
.000	5.446	-6.312	-79.331	-218476.	-178.013	-.453
120.361	3.741	-5.408	-66.773	-217276.	-150.425	-.464
120.362	3.741	-5.408	-66.773	-217276.	-150.425	-.464
197.960	2.920	-5.042	-53.950	-210569.	-133.049	-.106
263.800	2.449	-4.772	-52.591	-202621.	-118.827	.348
323.800	2.059	-4.338	-46.490	-197395.	-104.926	.363
395.752	1.752	-3.929	-40.620	-192045.	-91.435	.449
469.860	1.498	-3.511	-34.316	-183213.	-76.856	.646
469.867	1.498	-3.511	-34.316	-183213.	-76.856	.646
481.259	1.461	-3.451	-33.349	-181558.	-74.631	.713
481.260	1.322	-3.043	-33.357	-168340.	-75.316	3.070
492.632	1.284	-2.934	-32.475	-166421.	-73.347	3.066
492.633	1.284	-2.934	-32.475	-166421.	-73.346	3.066
527.700	1.172	-2.811	-29.754	-160499.	-67.304	3.140
577.275	1.053	-2.577	-26.082	-154875.	-59.125	3.243
577.276	1.273	-2.475	-26.082	-154875.	-59.133	-1.897
659.600	1.060	-2.060	-20.219	-143989.	-45.466	-2.093
738.919	.902	-1.635	-14.901	-139415.	-32.893	-2.269
738.920	.902	-1.635	-14.901	-139415.	-32.897	-2.269
748.916	.882	-1.640	-14.231	-138207.	-31.332	-2.271
748.919	.536	-.852	-14.254	-117071.	-32.463	.655
758.917	.505	-.813	-13.704	-115029.	-31.210	.598
758.918	.504	-.813	-13.704	-115029.	-31.210	.598
791.504	.484	-.691	-11.912	-108372.	-27.175	.490
857.500	.248	-.439	-3.673	-92656.	-19.850	.351
923.400	.141	-.323	-5.973	-78001.	-13.733	.266
989.400	.066	-.108	-3.754	-61891.	-3.635	.122
1055.300	.025	-.099	-2.074	-45197.	-4.797	.132
1121.300	.005	-.039	-.909	-29069.	-2.117	.107
1154.300	.001	-.020	-.513	-21372.	-1.264	.037
1187.256	-.001	-.008	-.235	-14148.	-.583	.086
1220.200	-.001	-.002	-.070	-6957.	-.193	.095
1253.200	-.000	-.001	-.017	-1104.	-.053	.035
1286.200	-.000	-.000	-.005	-547.	-.022	.024
1319.173	.000	.000	-.006	0.	-.000	.000

PREPARED *	*	UNIT INERTIA LOADS	PAGE NO. **3.2-373
CHECKED **	*		MODEL *****C-5A
APPROVED *	*	*** KING (FUEL INCLUDED) ***	REPORT NO. *IG1US54-12-
DATE *****11/30/68*		SPECTRAXIS SYSTEM	CASE ID *** F10+04

FUEL WT. 77167.5 LB.	DENSITY 6.500 LB./GAL.	ATTITUDE 0.000 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	1768.0	1305.5

STA.	MZPD	SXPS	SYPS	MY25	MYPS	MZPS
.000	1.193	-08765.	207373.	18.054	4.700	55.597
120.361	.753	-08385.	206233.	14.727	4.091	46.904
120.362	.753	-08385.	206233.	14.727	4.091	46.904
197.900	.712	-06305.	199962.	12.912	3.532	41.775
263.800	.749	-03772.	192323.	11.662	3.078	37.730
329.800	.665	-02123.	187363.	10.462	2.769	33.369
395.752	.619	-00444.	182285.	9.363	2.452	29.204
469.886	.605	-57564.	173902.	8.276	2.107	24.603
469.887	.605	-57564.	173902.	8.276	2.107	24.603
481.259	.608	-57238.	172615.	8.110	2.049	24.166
481.260	.406	-52983.	159785.	6.898	1.860	26.618
492.632	.399	-52379.	157963.	6.754	1.820	25.995
492.633	.399	-52379.	157963.	6.754	1.820	25.995
527.700	.387	-50515.	152342.	6.315	1.686	24.163
577.275	.385	-48745.	147004.	5.754	1.503	21.591
577.276	.385	-48745.	147004.	5.754	1.503	21.591
639.800	.354	-56991.	136312.	4.698	1.340	16.030
738.919	.346	-55201.	128021.	3.907	1.308	10.924
738.920	.346	-55201.	128021.	3.907	1.308	10.924
748.918	.347	-54722.	126912.	3.922	1.264	10.320
748.919	.036	-46354.	107503.	1.915	.753	13.454
758.917	.077	-45545.	105628.	1.324	.705	12.906
758.918	.077	-45545.	105628.	1.324	.705	12.906
791.504	.053	-42310.	99515.	1.531	.602	11.209
857.500	.021	-36766.	85267.	1.052	.431	8.182
923.400	.004	-30834.	71326.	.674	.286	5.684
989.400	-.006	-24426.	56650.	.379	.170	3.531
1055.500	-.007	-17396.	41503.	.190	.069	2.021
1121.500	-.005	-11510.	26803.	.071	.037	.936
1154.500	-.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- 374
CHECKED **	*		MODEL *****C-5A
APPROVED *	*	*** LONG (FUEL INCLUDED) ***	REPORT NO. HG10S54-12-1
DATE *****1/08/63*		SHEPT AXIS SYSTEM	CASE ID *** F10404

FUEL WT. 77167.5 LB.	DENSITY 6.500 LB./GAL.	ALTITUDE 5.000 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	15028.0	.0	.0	15034.5	22256.0	1768.0	1306.5

STA.	XSPSIDD	SYSPIDD	XPSPIDD	YPSPIDD	ZPSPIDD	MZPSIDS
.000	240490.	79815.	-1.321	-16.708	-197.859	-23.734
120.361	232675.	78061.	-1.052	-14.485	-167.341	-19.869
120.362	233675.	78061.	-1.052	-14.485	-167.341	-19.869
197.900	231030.	72813.	-.905	-13.135	-148.153	-17.175
263.300	222001.	67685.	-.790	-12.079	-132.542	-14.861
329.300	215906.	64932.	-.679	-10.924	-117.023	-13.122
395.752	209840.	62393.	-.570	-9.917	-102.247	-11.416
469.366	201017.	58554.	-.455	-8.791	-86.253	-9.514
469.367	200016.	58554.	-.455	-8.791	-86.253	-9.514
481.259	198509.	57965.	-.438	-8.619	-83.825	-9.183
481.260	184906.	54821.	-.600	-7.401	-84.184	-6.739
492.632	182765.	54024.	-.584	-7.256	-81.997	-6.480
492.633	182765.	54024.	-.584	-7.256	-81.997	-6.480
527.700	176157.	51568.	-.534	-6.911	-75.303	-5.591
577.275	169947.	49283.	-.462	-6.207	-66.304	-4.390
577.276	171030.	51343.	.079	-6.224	-66.314	-4.390
659.600	164338.	59147.	.106	-5.138	-51.064	-4.139
738.919	153539.	54943.	.131	-4.240	-37.142	-3.977
738.920	153539.	54943.	.131	-4.240	-37.142	-3.977
748.916	152176.	54419.	.134	-4.121	-35.412	-3.911
748.919	138233.	47737.	-.095	-2.099	-36.303	-.739
758.917	127935.	46859.	-.091	-2.009	-34.869	-.798
758.918	127937.	46859.	-.091	-2.009	-34.869	-.798
791.504	120436.	43993.	-.063	-1.714	-30.371	-.702
857.600	103080.	37410.	-.047	-1.220	-22.177	-.491
923.400	86530.	31211.	-.030	-.808	-15.348	-.269
989.400	68355.	24525.	-.018	-.475	-9.841	-.122
1055.300	50067.	17845.	-.009	-.250	-5.374	-.053
1121.300	32191.	11402.	-.004	-.101	-2.362	.028
1154.300	23364.	8357.	-.002	-.052	-1.381	.043
1187.256	15672.	5515.	-.001	-.021	-.650	.069
1220.210	7723.	2702.	-.000	-.006	-.233	.095
1253.200	1232.	426.	-.000	-.003	-.083	.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- 375
CHECKED **	*		MODEL *****0-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. *IG10554-12-
DATE *****11/03/68*		SASPT AXIS SYSTEM	CASE ID *** F10404

FUEL WT. 77187.5 LB.	DENSITY 5.500 LB./GAL.	ALTITUDE 8.000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.533	B.L. .000
ROTATIONAL AXIS ORIGIN	F.S. 1106.533	B.L. .000

TANK	1	2	3	4	5	6	7	8
WT.	21794.5	15023.0	.0	.0	15034.5	22256.0	1765.0	1306.5

STA.	4XQR	MYQR	MYPR	YPR	SKPR	STPR
.000	-177.565	-.305	-84.349	2.321	-174255.	-163637.
120.361	-149.826	-.265	-71.064	2.153	-173791.	-166222.
120.362	-149.826	-.265	-71.064	2.153	-173791.	-166222.
157.900	-132.425	.101	-62.827	2.174	-168894.	-160000.
263.300	-113.226	.547	-56.170	2.302	-162646.	-153274.
329.800	-104.310	.567	-49.668	2.077	-158820.	-148207.
395.752	-90.807	.657	-43.465	2.022	-154729.	-143544.
469.386	-75.223	.855	-36.825	2.024	-147737.	-136+21.
469.387	-76.227	.855	-36.825	2.024	-147737.	-136+20.
481.259	-74.003	.921	-35.812	2.043	-146722.	-135323.
481.260	-74.922	3.200	-35.961	2.469	-134663.	-128744.
492.632	-72.954	3.196	-35.024	2.444	-133161.	-127176.
492.633	-72.954	3.196	-35.024	2.444	-133161.	-127175.
527.700	-66.916	3.269	-32.147	2.412	-126527.	-122336.
577.276	-53.742	3.374	-23.233	2.423	-124061.	-117935.
577.276	-58.813	-1.737	-23.387	-.036	-113358.	-123259.
659.000	-45.099	-1.055	-21.926	-.214	-109237.	-122323.
736.919	-32.636	-2.133	-16.069	-.366	-102503.	-114382.
736.920	-32.636	-2.133	-16.069	-.366	-102503.	-114382.
748.916	-30.971	-2.116	-15.341	-.353	-101647.	-113316.
748.919	-32.451	.670	-15.766	.565	-84766.	-99061.
756.917	-31.197	.603	-15.143	.521	-83316.	-97235.
756.918	-31.196	.603	-15.143	.521	-83316.	-97235.
791.504	-27.158	.497	-13.160	.436	-78592.	-91434.
857.500	-19.331	.359	-9.583	.320	-67449.	-78091.
923.400	-13.710	.274	-6.609	.241	-56723.	-65443.
969.400	-8.618	.129	-4.143	.129	-44944.	-51574.
1055.300	-4.791	.135	-2.309	.117	-32940.	-37757.
1121.300	-2.114	.108	-1.024	.081	-21196.	-24260.
1154.300	-1.202	.088	-.586	.063	-15567.	-17323.
1187.456	-.567	.086	-.230	.056	-10312.	-11317.
1220.800	-.197	.095	-.100	.054	-5055.	-5649.
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- 376
CHECKED **	*		MODEL *****0-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. *IG1US54-12-1
DATE *****11/06/05*		SWEPT AXIS SYSTEM	CASE ID *** F10404

FUEL WT. 77187.5 LB.	DENSITY 6.500 LB./GAL.	ALTITUDE 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	15028.0	.0	.0	15034.5	22256.7	1768.0	1306.5

STA.	MXPQ	MYPQ	MZPQ
.000	-11.042	12.608	139.886
120.361	-9.498	10.987	117.881
120.362	-9.498	10.987	117.880
197.900	-6.573	9.892	103.326
263.800	-7.850	9.213	92.181
329.800	-7.107	8.402	81.226
395.752	-6.332	7.611	70.386
469.888	-5.618	6.778	58.574
469.887	-5.618	6.778	58.573
481.259	-5.500	6.650	56.742
481.260	-4.903	5.576	56.446
492.632	-4.804	5.470	54.898
492.633	-4.804	5.470	54.898
527.700	-4.498	5.143	50.078
577.276	-4.079	4.701	43.489
577.278	-4.472	4.329	43.488
659.800	-3.700	3.638	33.694
738.919	-2.993	3.006	24.695
738.920	-2.993	3.006	24.695
746.918	-2.904	2.926	23.536
746.919	-1.585	1.379	22.772
758.917	-1.516	1.320	21.932
758.918	-1.516	1.320	21.932
791.804	-1.293	1.127	19.131
857.800	-.919	.803	13.980
923.400	-.608	.533	9.651
989.400	-.357	.313	6.103
1055.300	-.188	.165	3.325
1121.300	-.076	.066	1.419
1154.300	-.039	.034	.779
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 INERTIA LOADS	PAGE NO. *3.2-377
CHECKED *	*		MODEL *****C-5A
APPROVED *	*	*** FUEL ***	REPORT NO. IG1US54-12-1
DATE *****11/05/63*			CASE ID *** F10405

FUEL WT. 77.67.5 LB.	DENSITY 6.500 LB./GAL.	ATTITUDE 25.000 DEG.
LOAD AXIS ORIGIN	F.S. 1116.533 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	15028.0	.0	.0	15034.5	22256.0	1768.0	1306.5

STA.	SXNZ	YXNZ	MYNZ	MYMX	SXTOD	SXTOD
.000	-77187.	-48.397	23.906	3.268	61918.	-8580.
120.331	-77187.	-39.107	23.906	2.547	61918.	-8580.
120.362	-77187.	-39.107	23.906	2.547	61918.	-8580.
197.900	-65232.	-33.661	22.830	2.223	59132.	-6052.
263.000	-54821.	-29.605	21.666	2.038	56116.	-3920.
329.380	-52931.	-26.076	21.403	1.774	55442.	-3563.
395.762	-50614.	-22.655	20.957	1.506	54306.	-3249.
469.060	-45468.	-19.098	19.855	1.263	51426.	-2485.
469.087	-45468.	-19.098	19.855	1.263	51426.	-2485.
481.259	-44079.	-13.553	19.684	1.226	50964.	-2368.
481.260	-44079.	-13.553	19.684	1.226	50964.	-2368.
492.652	-43681.	-13.067	19.452	1.198	50381.	-2223.
492.653	-43681.	-13.067	19.452	1.198	50381.	-2223.
527.760	-42603.	-16.556	18.733	1.113	46521.	-1777.
577.275	-38590.	-14.627	18.254	.924	47279.	-1495.
577.276	-38590.	-14.627	18.254	.924	47279.	-1495.
659.000	-38111.	-11.480	16.066	.737	46793.	-1454.
733.919	-35310.	-8.538	16.933	.518	43858.	-1217.
738.920	-35310.	-8.538	16.933	.518	43858.	-1217.
743.918	-34956.	-3.169	16.790	.490	43437.	-1157.
743.919	-34956.	-3.169	16.790	.490	43437.	-1157.
758.916	-34317.	-7.332	16.526	.467	42804.	-1138.
758.917	-34317.	-7.332	16.526	.467	42804.	-1138.
791.504	-32234.	-6.734	15.666	.391	40576.	-977.
857.500	-26024.	-4.781	13.386	.268	34463.	-595.
923.400	-21759.	-3.196	11.198	.170	29004.	-326.
969.400	-16750.	-1.919	8.312	.092	22824.	-127.
1055.300	-11475.	-.691	6.240	.043	16102.	11.
1121.300	-856.	-.388	3.835	.013	9934.	64.
1154.300	-4762.	-.196	2.699	.004	6990.	64.
1167.256	-2796.	-.071	1.505	-.000	4157.	49.
1220.200	-958.	-.009	.556	-.001	1441.	20.
1255.200	0.	.000	.000	.000	0.	0.
1266.200	0.	.000	.000	.000	0.	0.
1319.175	0.	.000	.000	.000	0.	0.

PREPARED *	*	UNIT 1 EXTRA LOADS	PAGE NO. **3-2-378
CHECKED **	*		WFL *****C-5A
APPROVED *	*	*** FUEL ***	REPORT NO. *IG1US54-12-1
DATE ***** 1/00/68*			PAGE 1 ***** F10403

FUEL WT. 77187.5 LB.	DENSITY 6.500 LB./GAL.	ATTITUDE 25.000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583 B.L.	.000 A.L. 330.250
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	15934.5	22256.1	1766.0	1308.5

STA.	MYTD	MYTD0	MYTD0	MYTDS	SPD0	MXPD
.000	51.171	-25.182	3.204	-5.279	-125353.	-104.516
120.361	43.718	-25.262	2.171	-4.700	-125353.	-89.308
120.362	43.718	-25.262	2.171	-4.700	-125353.	-89.308
197.900	39.024	-24.694	1.599	-4.133	-120350.	-79.771
263.800	35.225	-24.623	1.271	-3.635	-114137.	-72.029
329.800	31.548	-24.541	1.029	-3.308	-112658.	-64.576
395.752	27.925	-24.332	.803	-2.962	-110558.	-57.220
469.840	24.010	-23.712	.591	-2.511	-104052.	-49.251
469.847	24.010	-23.712	.591	-2.511	-104052.	-49.251
481.259	23.410	-23.617	.559	-2.442	-103745.	-48.029
481.260	23.410	-23.617	.559	-2.442	-103745.	-48.029
492.632	22.843	-23.475	.535	-2.371	-102439.	-46.877
492.633	22.843	-23.475	.535	-2.371	-102439.	-46.877
527.700	21.097	-23.056	.462	-2.150	-98408.	-43.327
577.275	18.735	-22.740	.384	-1.913	-95584.	-38.551
577.276	18.735	-22.740	.384	-1.913	-95584.	-38.551
659.600	14.353	-22.560	.261	-1.594	-94791.	-30.708
738.919	11.248	-21.377	.154	-1.226	-89619.	-23.378
738.920	11.248	-21.377	.154	-1.226	-89619.	-23.378
748.918	10.794	-21.227	.141	-1.130	-88966.	-22.454
748.919	10.794	-21.227	.141	-1.130	-88966.	-22.454
758.917	10.373	-20.944	.130	-1.130	-87884.	-21.590
758.918	10.373	-20.944	.130	-1.130	-87884.	-21.590
791.504	9.000	-20.022	.085	-.967	-83528.	-18.774
857.500	5.512	-17.437	.042	-.645	-71514.	-13.529
923.400	4.427	-15.056	.012	-.394	-60319.	-9.303
989.400	2.708	-12.128	-.003	-.193	-47757.	-5.712
1055.300	1.425	-8.331	-.007	-.154	-33932.	-3.014
1121.300	.570	-5.574	-.005	.013	-20922.	-1.206
1154.000	.290	-3.973	-.003	.030	-14748.	-.515
1187.250	.106	-2.392	-.001	.029	-8783.	-.225
1220.200	.014	-.833	-.000	.014	-3051.	-.029
1253.200	.000	.000	.000	.000	0.	.000
1286.200	.000	.000	.000	.000	0.	.000
1319.175	.000	.000	.000	.000	0.	.000

PREPARED *	*	UNIT 1 ERTIA LOADS	PAGE NO. **3.2-379
CHECKED **	*		MODEL ****C-5A
APPROVED *	*	*** FUEL ***	REPORT NO. IG1US54-12-1
DATE *****11/00/80*			BASE ID *** F10405

FUEL WT. 77187.5 LB.	DENSITY 6.500 LB./GAL.	ALTITUDE 25.000 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.	24794.7	14028.0	.0	.0	10034.5	32256.	1768.0	1346.5

STA.	WYPO	WZPO	FXPS	%XPS100	WYPS100	WZPS100
.000	51.171	1.604	10.626	-3.675	-7.482	-129.006
120.361	51.171	1.604	8.483	-3.097	-6.312	-114.719
120.362	51.171	1.604	8.483	-3.097	-6.312	-114.719
197.900	50.726	1.378	7.215	-2.755	-5.616	-104.684
263.000	50.028	1.140	6.360	-2.495	-5.089	-96.782
329.000	49.833	1.096	5.545	-2.211	-4.510	-89.216
395.752	49.416	1.034	4.744	-1.928	-3.941	-81.616
469.060	48.142	.860	3.752	-1.642	-3.361	-73.008
489.027	48.142	.860	3.752	-1.642	-3.361	-73.008
481.259	47.946	.844	3.330	-1.598	-3.272	-71.667
481.260	47.946	.844	3.330	-1.598	-3.272	-71.667
492.632	47.642	.811	3.730	-1.560	-3.195	-70.393
492.633	47.642	.811	3.730	-1.560	-3.195	-70.393
527.706	46.702	.707	3.422	-1.443	-2.960	-66.404
577.275	46.028	.639	3.004	-1.273	-2.620	-61.326
577.276	46.028	.639	3.004	-1.273	-2.620	-61.326
659.000	45.713	.623	2.270	-.971	-2.009	-53.284
708.919	43.627	.528	1.603	-.698	-1.454	-44.757
708.920	43.627	.528	1.603	-.698	-1.454	-44.757
748.916	43.362	.516	1.525	-.664	-1.364	-43.632
748.919	43.362	.516	1.525	-.664	-1.364	-43.632
758.917	42.835	.496	1.452	-.634	-1.322	-42.534
758.918	42.835	.496	1.452	-.634	-1.322	-42.534
791.864	41.116	.430	1.217	-.537	-1.122	-38.792
857.500	36.863	.269	.628	-.375	-.766	-31.059
923.900	31.209	.153	.519	-.241	-.517	-24.352
989.400	25.290	.060	.279	-.133	-.282	-17.633
1055.300	16.481	-.009	.126	-.063	-.153	-11.341
1121.300	11.739	-.036	.033	-.019	-.040	-6.778
1134.300	3.359	-.036	.010	-.006	-.013	-4.667
1187.250	5.041	-.028	-.003	.001	.001	-2.617
1220.200	1.771	-.012	-.004	.002	.004	-.667
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. * 3.2-380
CHECKED * *		FUEL **** KC-5A
APPROVED * *	*** FUEL ***	REPORT NO. * IG10S54-12-1
DATE *****11/05/68*		CASE ID *** F10+35

FUEL WT. 77107.5 LB.	DENSITY 6.500 LB./GAL.	ATTITUDE 25.000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583 S.L.	.000 S.L. 330.250
ROTATIONAL AXIS ORIGIN	F.S. 1106.583 S.L.	.000 S.L. 285.000

TANK	1	2	3	4	5	6	7	8
WT.	21794.5	15028.0	.0	.0	15034.5	22256.0	1750.0	1300.5

STA.	HZPS105	PROR	MYPR	MYZP
.000	.000	-104.624	25.491	79.134
120.361	7.453	-69.457	25.410	64.946
126.362	7.453	-39.456	25.410	64.946
197.990	11.702	-79.890	25.113	54.777
263.860	14.803	-72.160	24.753	47.406
329.870	18.285	-64.675	24.640	40.235
395.752	21.492	-57.264	24.396	32.233
469.886	24.132	-49.296	23.757	25.539
469.887	24.132	-49.296	23.757	25.539
481.259	24.536	-48.070	23.658	24.412
481.260	24.536	-48.070	23.658	24.412
492.632	24.793	-46.918	23.516	23.402
492.633	24.793	-46.918	23.516	23.402
527.700	25.605	-43.568	23.077	20.291
577.275	27.293	-38.536	22.775	15.311
577.276	27.293	-38.536	22.775	15.311
659.000	30.865	-30.724	22.576	8.145
738.919	32.373	-23.330	21.379	2.001
738.920	32.373	-23.330	21.379	2.001
746.916	32.568	-22.454	21.223	1.227
746.919	32.568	-22.454	21.223	1.227
750.917	32.762	-21.539	20.944	.646
758.918	32.462	-21.539	20.944	.646
791.904	32.116	-13.770	20.013	-1.242
857.500	29.552	-13.623	17.430	-3.307
923.900	26.782	-9.297	15.049	-5.753
989.900	22.583	-5.706	12.122	-6.416
1055.900	17.055	-3.010	8.223	-5.318
1121.900	11.139	-1.204	5.573	-4.369
1154.900	8.068	-.614	3.972	-3.358
1187.256	4.935	-.225	2.391	-2.167
1220.200	1.753	-.026	.333	-.310
1253.200	.000	.000	.000	.000
1286.200	.000	.000	.000	.000
1319.175	.000	.000	.000	.000

PREPARED *	*	UNIT INERTIA LOADS	PAGE NO. **3.2-381
CHECKED **	*		MODEL *****0-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. *LG1US54-12-1
DATE *****11/01/68*			CASE ID *** F10405

FUEL WT. 77187.5 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.	21794.5	15028.0	.0	.0	15034.5	22256.0	1763.0	1306.5

STA.	GNZ	MXNZ	MYNZ	MYNY	SZTOD	SXTOD
.010	-144662.	-34.553	40.958	7.748	106086.	-11373.
120.361	-133279.	-67.447	40.129	6.472	103939.	-10423.
120.362	-133279.	-67.446	40.129	6.472	103939.	-10423.
197.900	-122373.	-37.320	38.397	5.830	99450.	-7053.
263.300	-103930.	-49.700	36.695	5.392	95043.	-4311.
329.300	-102870.	-42.712	35.414	4.893	91724.	-3248.
395.752	-97639.	-36.107	34.258	4.395	86731.	-2409.
469.386	-89344.	-29.188	32.334	3.919	83747.	-1159.
489.387	-89343.	-29.188	32.334	3.919	83747.	-1159.
481.269	-88071.	-28.126	32.039	3.846	82932.	-967.
481.266	-77159.	-23.158	31.091	2.871	80529.	-2137.
492.632	-75562.	-27.321	30.671	2.819	79440.	-1912.
492.633	-75561.	-27.321	30.671	2.819	79440.	-1912.
527.706	-70633.	-24.738	29.374	2.660	76081.	-1216.
577.275	-66569.	-21.356	28.282	2.438	73252.	-661.
577.275	-66569.	-21.356	28.282	2.438	73252.	-661.
639.580	-62921.	-16.023	26.981	2.044	69885.	-257.
733.919	-57593.	-11.235	24.931	1.699	64574.	227.
736.920	-57593.	-11.235	24.931	1.699	64574.	227.
748.918	-56921.	-10.632	24.673	1.656	63905.	283.
748.919	-45974.	-10.670	22.206	.649	57516.	-1549.
753.937	-44957.	-10.234	21.787	.620	56430.	-1470.
758.916	-44957.	-10.234	21.737	.620	56430.	-1470.
791.504	-41545.	-8.311	20.421	.525	52892.	-1211.
857.500	-34483.	-6.236	17.403	.368	45074.	-713.
923.400	-27957.	-4.254	14.523	.241	37618.	-361.
989.400	-21416.	-2.619	11.410	.139	29552.	-109.
1055.500	-15185.	-1.416	8.346	.072	21618.	54.
1121.500	-9462.	-.606	5.357	.028	13875.	117.
1154.500	-6352.	-.337	3.936	.015	10194.	115.
1187.266	-4471.	-.152	2.612	.006	6764.	95.
1220.200	-2165.	-.044	1.300	.002	3368.	67.
1253.200	-552.	-.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	BASE IC. *3.2- 382
CHECKED *	*		MODEL ***Q-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. 4G1US54-12-1
DATE ***11/03/68*			CASE ID *** F10405

FUEL WT. 77187.5 LB.	DENSITY 5.500 LB./GAL.	ATTITUDE 25.000 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

TAIL	1	2	3	4	5	6	7	8
WT. 21794.5	15028.0	.0	.0	15034.5	22256.7	1763.0	1306.5	

STA.	MXIDD	MYIDD	MZIDD	MYIDS	SZPD	MXPD
.000	79.331	-41.096	3.333	-9.044	-219000.	-169.505
120.361	67.219	-40.802	1.972	-7.390	-217800.	-143.261
120.362	67.219	-40.802	1.972	-7.390	-217800.	-143.261
197.950	59.330	-40.121	1.290	-6.951	-211188.	-126.610
263.000	52.923	-39.416	.916	-6.157	-203155.	-112.934
329.000	46.763	-38.493	.666	-5.472	-198501.	-99.632
395.752	40.818	-37.746	.481	-4.839	-193602.	-86.760
469.866	34.437	-36.493	.350	-4.090	-184089.	-72.758
469.867	34.437	-36.493	.350	-4.090	-184089.	-72.757
481.259	33.458	-36.301	.330	-3.975	-182629.	-70.609
481.260	33.465	-36.347	.327	-3.853	-169111.	-70.617
492.632	32.577	-35.534	.308	-3.738	-167032.	-68.644
492.633	32.576	-35.534	.308	-3.738	-167032.	-68.644
527.700	29.837	-34.569	.250	-3.370	-160614.	-62.658
577.275	26.146	-33.760	.206	-2.963	-154848.	-55.670
577.276	26.145	-33.760	.206	-2.963	-154848.	-55.669
659.600	20.252	-32.438	.168	-2.381	-146996.	-42.552
738.916	14.914	-30.392	.166	-1.806	-139188.	-31.095
738.920	14.914	-30.392	.166	-1.806	-139188.	-31.095
748.916	14.241	-30.128	.165	-1.734	-137951.	-29.650
748.919	14.264	-28.378	.159	-1.561	-113815.	-29.526
758.917	13.713	-27.923	.145	-1.490	-114792.	-28.405
758.918	13.713	-27.923	.145	-1.490	-114791.	-28.404
791.584	11.919	-26.440	.101	-1.260	-108197.	-24.749
857.500	8.674	-23.107	.036	-.843	-92667.	-18.030
923.400	5.972	-19.772	.002	-.511	-77881.	-12.504
989.400	3.752	-15.897	-.014	-.250	-51004.	-7.377
1053.300	2.073	-11.969	-.016	-.073	-45175.	-4.350
1121.300	.908	-7.901	-.011	.024	-29048.	-1.901
1154.300	.512	-5.887	-.007	.044	-21359.	-1.071
1187.256	.235	-3.972	-.004	.047	-14145.	-.487
1220.200	.070	-2.034	-.001	.032	-6955.	-.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. **3.2-383
CHECKED **	*		MODEL ***C-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. *IG1US54-12-1
DATE *****11/08/68*			CASE ID *** F10405

FUEL WT. 77187.5 LB.	DENSITY 6.500 LB./GAL.	ATTITUDE 25.000 DEG.
LOAD AXIS ORIGIN	F.S. 1136.583 S.L. .000	W.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1136.583 S.L. .000	W.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT.	21794.3	15028.0	.0	.0	15034.5	22256.1	1703.0	1300.5

STA.	MYPD	MZPD	MXPS	MXPS100	MYPS100	MZPS100
.000	79.881	2.558	18.670	-6.486	-15.337	-210.115
120.361	79.729	2.367	15.279	-5.523	-13.307	-183.414
120.362	79.729	2.367	15.279	-5.523	-13.307	-183.414
197.900	79.012	1.995	13.365	-4.956	-12.075	-166.062
263.800	77.995	1.645	12.023	-4.511	-11.107	-151.706
329.800	77.014	1.412	10.771	-4.060	-10.104	-137.514
395.752	75.933	1.222	9.606	-3.617	-9.124	-123.830
469.866	73.731	.931	8.459	-3.160	-8.109	-108.580
469.887	73.731	.931	8.459	-3.160	-8.109	-108.579
481.259	73.394	.886	8.283	-3.089	-7.943	-106.240
481.260	72.220	.997	7.073	-2.860	-6.746	-105.941
492.632	71.673	.938	6.926	-2.301	-6.618	-103.757
492.633	71.673	.938	6.926	-2.301	-6.618	-103.757
527.700	69.985	.753	6.474	-2.618	-6.223	-97.023
577.275	68.432	.604	5.902	-2.360	-5.676	-88.423
577.276	68.432	.604	5.882	-2.360	-5.676	-88.423
659.600	66.347	.457	4.906	-1.924	-4.733	-74.636
733.919	62.576	.271	4.065	-1.536	-3.899	-61.090
733.920	62.576	.271	4.065	-1.536	-3.899	-61.090
748.912	62.101	.247	3.959	-1.437	-3.794	-59.382
748.919	57.339	.673	2.010	-.887	-1.851	-57.833
753.917	56.504	.640	1.918	-.850	-1.773	-56.310
753.918	56.504	.640	1.918	-.850	-1.773	-56.310
791.504	53.783	.533	1.620	-.728	-1.519	-51.168
857.500	47.325	.325	1.122	-.513	-1.086	-41.165
923.400	40.705	.167	.725	-.344	-.723	-32.255
989.400	32.991	.046	.415	-.204	-.429	-23.755
1053.300	24.886	-.034	.209	-.107	-.226	-16.313
1121.300	16.466	-.068	.080	-.043	-.091	-9.798
1134.300	12.279	-.067	.040	-.023	-.047	-6.955
1167.256	8.266	-.056	.015	-.009	-.019	-4.458
1220.200	4.180	-.034	.004	-.003	-.005	-2.177
1253.200	.706	-.008	.002	-.001	-.003	-.338
1286.200	.362	-.005	.001	-.001	-.001	-.195
1319.173	.000	.000	.000	.000	.000	.000

UNPREPARED *	*	UNIT INERTIA LOADS	PAGE NO. ***3.2-384
CHECKED **	*		MODEL *****C-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. *IG10S54-12-1
DATE *****11/01/66*			CASE ID *** F10405

FUEL WT. 77187.5 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.	21794.6	15028.0	.0	.0	15034.5	22256.0	1728.0	1300.5

STA.	MZPSIDS	FXGR	MYPR	MZPR
.000	.000	-169.019	40.610	128.409
120.361	12.510	-142.612	40.153	102.460
120.362	12.510	-142.612	40.153	102.459
197.900	19.681	-125.942	39.452	26.489
263.800	25.072	-112.290	38.771	73.518
329.800	30.251	-99.021	37.832	61.189
395.752	35.115	-86.084	37.070	49.015
469.686	39.295	-72.087	35.822	36.265
469.687	39.295	-72.087	35.822	36.265
481.259	39.936	-69.939	35.631	34.309
481.260	38.755	-70.094	35.424	34.671
492.632	39.097	-68.223	35.113	33.110
492.633	39.097	-68.223	35.113	33.110
527.700	40.148	-62.454	34.155	28.299
577.275	42.287	-54.663	33.354	21.309
577.276	42.287	-54.663	33.354	21.309
659.600	46.095	-42.147	32.064	10.064
738.919	47.662	-30.698	29.995	.703
738.920	47.662	-30.697	29.995	.702
748.918	47.859	-29.254	29.732	-.477
748.919	43.075	-29.510	28.362	1.148
753.917	42.790	-28.367	27.906	.481
753.916	42.790	-28.367	27.906	.481
791.504	41.864	-24.729	26.420	-1.691
857.500	38.651	-16.056	23.066	-5.028
923.400	34.733	-12.483	19.751	-7.268
989.400	29.239	-7.858	15.878	-8.019
1055.300	22.814	-4.344	11.963	-7.619
1121.300	15.558	-1.897	7.897	-6.000
1154.300	11.766	-1.068	5.885	-4.316
1187.256	8.031	-.486	3.971	-3.485
1220.200	4.110	-.143	2.033	-1.890
1253.200	.689	-.034	.353	-.319
1286.200	.357	-.011	.184	-.174
1319.175	.000	.000	.000	.000

PREPARED *	*	UNIT INERTIA LOADS	PAGE NO. **3.2-385
CHECKED **	*		MODEL *****C-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. **IG1US54-12-
DATE *****11/08/68*		SWEPT AXIS SYSTEM	CASE ID *** F10405

FUEL WT. 77187.5 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.	21794.5	15025.0	.0	.0	15034.5	22256.0	1753.0	1306.5

S1A.	SXMX	SYNX	MXMX	MYNX	MZMX	MZNY
.000	-137310.	-45531.	-2.439	7.355	84.553	-25.243
120.361	-131251.	-43522.	-2.037	6.143	87.447	-19.589
120.362	-131251.	-43522.	-2.037	6.143	87.446	-19.589
197.900	-116134.	-38515.	-1.835	5.534	57.320	-17.072
263.800	-103394.	-34284.	-1.697	5.118	49.700	-15.333
329.800	-97642.	-32377.	-1.537	4.635	42.712	-12.989
395.752	-92676.	-30731.	-1.383	4.172	36.167	-10.838
469.800	-84803.	-28120.	-1.233	3.720	29.188	-8.707
469.887	-84803.	-28120.	-1.233	3.719	29.188	-8.707
481.259	-83595.	-27719.	-1.210	3.650	28.126	-8.417
481.260	-73238.	-24285.	-.904	2.725	28.153	-10.396
492.632	-71721.	-23782.	-.887	2.676	27.321	-10.119
492.633	-71721.	-23782.	-.887	2.676	27.321	-10.119
527.700	-67043.	-22231.	-.837	2.524	24.733	-9.342
577.275	-63186.	-20952.	-.767	2.314	21.356	-8.307
577.276	-61129.	-26358.	-.965	2.238	21.355	-8.307
659.500	-57779.	-24913.	-.809	1.877	16.023	-5.868
733.919	-52886.	-22804.	-.673	1.560	11.235	-3.636
733.920	-52886.	-22804.	-.673	1.560	11.235	-3.636
746.918	-52269.	-22538.	-.656	1.521	10.632	-3.381
746.919	-42216.	-18203.	-.257	.596	10.670	-5.009
756.917	-41283.	-17801.	-.246	.570	10.234	-4.775
756.918	-41283.	-17801.	-.246	.570	10.234	-4.775
791.504	-38242.	-16489.	-.203	.432	8.611	-4.073
857.500	-31064.	-13553.	-.146	.338	6.266	-2.890
923.400	-25672.	-11069.	-.095	.221	4.254	-1.962
959.400	-19666.	-8430.	-.055	.128	2.619	-1.178
1053.300	-13944.	-6013.	-.029	.066	1.416	-.630
1121.300	-6089.	-3746.	-.011	.026	.606	-.298
1154.300	-6292.	-2713.	-.006	.013	.337	-.175
1187.250	-4105.	-1770.	-.002	.005	.152	-.094
1220.200	-1988.	-857.	-.001	.001	.044	-.051
1253.200	-305.	-131.	-.000	.001	.010	-.016
1286.200	-140.	-64.	-.000	.000	.003	-.009
1319.173	0.	0.	-.000	.000	-.000	-.000

FUEL WT. 77187.5 LB.	DENSITY 6.500 LB./GAL.	ATTITUDE 25.000 DEG.
LOAD AXIS ORIGIN	F.S. 1116.533 B.L. .000	W.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1116.533 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	22256.1	1768.0	1376.5

STX	SZY	MXZ	MYZ	SXTD	SYTD	SZTD
.000	-144662.	-88.201	-2.652	-11271.	-3737.	106035.
120.361	-153279.	-70.134	-2.635	-9894.	-3281.	103939.
120.362	-136279.	-70.134	-2.635	-9894.	-3281.	103939.
197.900	-122373.	-59.730	-1.836	-6694.	-2226.	99450.
263.800	-108930.	-52.000	-1.089	-4092.	-1357.	95043.
329.800	-102370.	-44.630	-1.115	-3083.	-1022.	91724.
395.752	-97639.	-37.633	-1.077	-2237.	-758.	88731.
469.866	-89344.	-30.445	-.922	-1100.	-365.	83747.
469.867	-89343.	-30.445	-.922	-1100.	-365.	83747.
481.259	-88071.	-29.346	-.364	-913.	-304.	82982.
481.260	-77159.	-29.999	1.005	-2029.	-673.	80529.
492.632	-75502.	-29.117	1.006	-1815.	-602.	79440.
492.633	-75561.	-29.117	1.006	-1815.	-602.	79440.
527.700	-70633.	-26.421	1.081	-1154.	-383.	76031.
577.275	-66569.	-22.835	1.154	-623.	-200.	73252.
577.276	-66569.	-22.900	-.327	-607.	-262.	73252.
659.000	-62921.	-17.037	-.956	-236.	-102.	69383.
733.919	-57593.	-11.757	-1.109	209.	90.	64574.
738.920	-57593.	-11.757	-1.109	209.	90.	64574.
748.918	-56921.	-11.101	-1.105	265.	114.	63905.
748.919	-45974.	-11.762	.375	-1422.	-613.	57515.
758.917	-44957.	-11.299	.334	-1349.	-582.	56430.
758.918	-44957.	-11.239	.334	-1349.	-562.	56430.
791.584	-41645.	-9.706	.256	-1112.	-479.	52392.
857.500	-34483.	-6.916	.164	-659.	-284.	45074.
923.400	-27957.	-4.683	.117	-331.	-143.	37615.
989.400	-21416.	-2.871	.045	-100.	-43.	29552.
1055.300	-15185.	-1.562	.045	50.	22.	21513.
1121.300	-9462.	-.674	.034	107.	46.	13475.
1154.300	-6852.	-.379	.027	135.	45.	10194.
1167.256	-4471.	-.177	.027	87.	38.	6764.
1220.200	-2165.	-.060	.029	52.	23.	3363.
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. **3.2-387
CHECKED **	*		MODEL *****C-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. **LG1US54-12-
DATE *****11/03/63*		SWEPT AXIS SYSTEM	CASE ID *** F10+35

FUEL WT. 77187.5 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.	21794.5	15028.0	.0	.0	15034.5	22256.0	1768.0	1300.5

STA.	EXTDD	MYTDD	NZTDD	SYTDS	SYTDS	SZTDS
.000	65.128	-2.927	3.353	100693.	33389.	11873.
120.361	71.785	-2.917	1.972	98656.	32713.	10423.
120.362	71.785	-2.917	1.972	98656.	32713.	10423.
197.900	63.488	-2.959	1.290	94396.	31301.	7053.
263.000	56.772	-3.065	.916	90212.	29914.	4311.
329.800	50.209	-2.840	.666	87063.	28869.	3248.
395.752	43.924	-2.779	.481	84222.	27927.	2409.
469.086	37.202	-2.779	.350	79491.	26358.	1159.
469.087	37.202	-2.779	.350	79491.	26358.	1159.
481.259	36.177	-2.799	.330	78765.	26118.	907.
481.260	36.249	-2.991	.327	76436.	25345.	2137.
492.632	35.304	-2.966	.308	75403.	25003.	1912.
492.633	35.304	-2.966	.303	75403.	25003.	1912.
527.700	32.409	-2.940	.250	72215.	23946.	1216.
577.275	28.525	-2.953	.206	69529.	23055.	681.
577.276	28.673	-1.406	.206	67255.	29004.	661.
659.600	22.176	-.282	.183	64172.	27670.	257.
738.919	16.275	-.078	.165	59297.	25568.	-227.
738.920	16.275	-.078	.165	59297.	25568.	-227.
748.918	15.541	-.076	.165	58682.	25303.	-288.
748.919	15.616	-.655	.159	52815.	22773.	1549.
758.917	15.195	-.605	.145	51818.	22343.	1470.
758.918	15.195	-.605	.145	51818.	22343.	1470.
791.504	13.195	-.500	.101	48569.	20942.	1211.
857.500	9.603	-.364	.036	41390.	17647.	718.
923.400	6.621	-.273	.002	34541.	14592.	361.
989.400	4.149	-.147	-.014	27137.	11701.	109.
1055.300	2.310	-.122	-.016	19851.	8560.	-54.
1121.300	1.025	-.084	-.011	12741.	5494.	-117.
1154.300	.586	-.065	-.007	9360.	4036.	-115.
1187.256	.280	-.057	-.004	6212.	2678.	-95.
1220.200	.190	-.054	-.001	3093.	1334.	-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. **3.2-789
CHECKED **	*		MODEL ****0-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. *IG1US54-12-1
DATE *****11/08/63*		SHEAR AXIS SYSTEM	CASE ID *** F10403

FUEL WT. 77187.5 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.	21794.0	15025.0	.0	.0	15034.5	22256.0	1768.0	1306.5

STA.	EXTDS	MYTDS	HZTDS	SZPO	MXED	MYPD
.000	3.604	-6.311	-79.881	-219000.	-178.544	-.111
120.361	3.867	-5.399	-67.219	-217800.	-150.391	-.122
120.362	3.867	-5.399	-67.219	-217800.	-150.391	-.122
197.000	3.025	-5.025	-59.330	-211132.	-133.481	.217
263.800	2.641	-4.753	-52.923	-203155.	-119.264	.671
329.800	2.132	-4.312	-46.763	-198501.	-105.236	.654
395.752	1.798	-3.893	-40.318	-193602.	-91.634	.689
469.886	1.523	-3.431	-34.437	-184089.	-76.944	.878
469.887	1.523	-3.431	-34.437	-184089.	-76.944	.878
481.259	1.483	-3.423	-33.453	-182629.	-74.704	.946
481.260	1.344	-3.015	-33.465	-169111.	-75.368	3.303
492.632	1.305	-2.958	-32.577	-167032.	-73.415	3.304
492.633	1.305	-2.958	-32.576	-167032.	-73.415	3.304
527.700	1.190	-2.793	-29.837	-160614.	-67.363	3.403
577.275	1.066	-2.559	-26.146	-154848.	-59.165	3.521
577.276	1.284	-2.457	-26.145	-154848.	-59.263	-1.630
659.600	1.063	-2.080	-20.252	-143996.	-45.549	-1.333
738.919	.901	-1.670	-14.914	-139183.	-32.953	-2.108
738.920	.901	-1.670	-14.914	-139183.	-32.953	-2.108
748.918	.681	-1.626	-14.241	-137951.	-31.389	-2.099
748.919	.535	-.838	-14.264	-116815.	-32.515	.837
753.917	.503	-.300	-13.713	-114792.	-31.253	.755
753.918	.503	-.300	-13.713	-114791.	-31.253	.755
791.564	.404	-.661	-11.919	-108197.	-27.210	.599
857.500	.247	-.433	-8.674	-92857.	-19.864	.407
923.400	.140	-.320	-5.972	-77981.	-13.744	.296
969.400	.066	-.138	-3.752	-61664.	-8.631	.123
1055.300	.025	-.098	-2.073	-45175.	-4.794	.132
1121.300	.005	-.039	-.908	-29048.	-2.116	.107
1154.300	.001	-.020	-.512	-21359.	-1.203	.087
1187.256	-.001	-.008	-.235	-14140.	-.588	.086
1220.200	-.001	-.002	-.070	-6955.	-.193	.095
1253.200	-.000	-.001	-.017	-1104.	-.053	.036
1286.200	-.000	-.000	-.005	-547.	-.022	.024
1319.173	.000	.000	-.000	0.	-.000	.000

PREPARED *	*	UNIT INERTIA LOADS				PAGE NO. **3.2- 389		
CHECKED **	*					MODEL *****C-5A		
APPROVED *	*	*** WING (FUEL INCLUDED) ***				REPORT TO.* IG10S54-12-		
DATE *****1/00/68*		SWEEP AXIS SYSTEM				CASE ID.*** F10405		
FUEL WT. 77187.5 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.	21794.5	15023.0	.0	.0	15034.5	22256.1	1753.0	1306.5
STA.	MZPD	SYXS	SYPS	EXXS	MYXS	MZPS		
.000	1.263	-68928.	207870.	18.120	4.673	56.090		
120.361	.819	-68550.	206731.	14.760	4.032	47.376		
120.362	.819	-68550.	206731.	14.760	4.032	47.376		
197.900	.766	-66469.	200455.	12.927	3.479	42.211		
263.800	.800	-63941.	192930.	11.664	3.025	38.155		
329.800	.704	-62476.	183413.	10.445	2.722	33.742		
395.752	.644	-60934.	183763.	9.320	2.412	29.495		
469.866	.624	-57940.	174733.	8.226	2.070	25.050		
469.867	.624	-57940.	174733.	8.226	2.070	25.050		
481.259	.626	-57480.	173348.	8.059	2.013	24.410		
481.260	.424	-53226.	160517.	6.947	1.823	26.362		
492.632	.418	-52571.	158543.	6.705	1.783	26.243		
492.633	.418	-52571.	158543.	6.705	1.783	26.243		
527.700	.406	-50551.	152452.	6.273	1.650	24.432		
577.275	.405	-48737.	146973.	5.711	1.487	21.969		
577.276	.405	-48737.	146973.	5.711	1.487	21.969		
659.600	.371	-58795.	136319.	4.652	1.002	16.352		
738.919	.355	-55111.	127813.	3.873	1.284	11.112		
738.920	.355	-55111.	127813.	3.873	1.284	11.111		
748.918	.355	-54621.	126676.	3.776	1.241	10.498		
748.919	.094	-46252.	107268.	1.333	.709	13.643		
758.917	.064	-45451.	105410.	1.795	.682	13.070		
758.918	.064	-45451.	105410.	1.795	.682	13.070		
791.504	.058	-42840.	99355.	1.511	.586	11.324		
857.500	.023	-36770.	65277.	1.039	.423	8.239		
923.400	.005	-30837.	71516.	.668	.282	5.714		
989.400	-.006	-24416.	56625.	.379	.189	3.530		
1055.300	-.007	-17887.	41483.	.189	.089	2.020		
1121.300	-.005	-11501.	26674.	.071	.037	.936		
1154.300	-.004	-8457.	19613.	.035	.019	.556		
1187.256	-.002	-5599.	12985.	.013	.008	.304		
1220.200	-.001	-2754.	6386.	.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. ***3.2-390	
CHECKED **	*					MODEL ****C-5A	
APPROVED *	*	*** WING (FUEL INCLUDED) ***				REPORT NO. *IG10S54-12-1	
DATE *****11/06/68*		SWIFT AXIS SYSTEM				CASE ID *** F10405	
FUEL WT. 77187.5 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. 21794.5	18028.0	.0	.0	15034.5	22256.0	1726.0	1306.0
STA.	XXPS100	SYSP100	XXPS100	MYPSP100	MZPSP100	MZPSP100	
.000	241259.	60198.	-1.329	-16.599	-198.590	-23.791	
120.361	239444.	78444.	-1.054	-14.369	-167.974	-19.643	
120.362	239444.	78444.	-1.054	-14.369	-167.974	-19.643	
197.900	231756.	73163.	-.904	-13.921	-148.732	-17.120	
263.800	222744.	68033.	-.786	-11.962	-133.067	-14.768	
329.800	217262.	65559.	-.673	-10.869	-117.519	-13.021	
395.752	211690.	63221.	-.562	-9.799	-102.547	-11.322	
469.886	201092.	59040.	-.447	-8.691	-86.433	-9.386	
469.887	201091.	59040.	-.447	-8.691	-86.433	-9.386	
481.259	199485.	58398.	-.429	-8.521	-83.983	-9.048	
481.260	185862.	55254.	-.592	-7.303	-64.342	-6.603	
492.632	183546.	54386.	-.576	-7.163	-62.150	-6.334	
492.633	183546.	54386.	-.576	-7.163	-62.150	-6.334	
527.700	176397.	51706.	-.526	-6.731	-75.445	-5.404	
577.275	170034.	49364.	-.453	-6.130	-66.444	-4.176	
577.276	171197.	61919.	.080	-6.166	-66.443	-4.176	
659.600	164489.	59230.	.109	-5.113	-51.187	-3.901	
708.919	153361.	54902.	.134	-4.189	-37.213	-3.603	
736.920	153361.	54902.	.134	-4.189	-37.213	-3.603	
748.918	151979.	54356.	.137	-4.072	-35.473	-3.743	
748.919	136041.	47675.	-.082	-2.051	-36.374	-.621	
758.917	-27753.	46381.	-.078	-1.964	-34.959	-.644	
758.918	127753.	46801.	-.078	-1.964	-34.959	-.644	
791.504	120297.	43952.	-.067	-1.683	-30.412	-.595	
857.500	103124.	37430.	-.046	-1.202	-22.194	-.435	
923.400	86410.	31166.	-.030	-.800	-15.355	-.258	
989.400	68326.	24516.	-.018	-.475	-9.636	-.221	
1055.000	58043.	17837.	-.009	-.249	-5.371	-.053	
1121.300	32168.	11394.	-.004	-.101	-2.380	.028	
1134.000	23649.	8352.	-.002	-.052	-1.360	.044	
1187.256	15863.	5512.	-.001	-.021	-.660	.069	
1220.200	7720.	2701.	-.000	-.006	-.233	.095	
1253.200	1232.	425.	-.000	-.003	-.063	.030	
1286.200	613.	210.	-.000	-.001	-.027	.026	
1319.173	-0.	-0.	-.000	.000	.000	.000	

PREPARED *	*	UNIT INERTIA LOADS	PAGE NO. ** 3.2-39/
CHECKED **	*		MODEL ***** C-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. * IG1054-12-
DATE *****11/08/68*		SWEPT AXIS SYSTEM	CASE ID *** F10405

FUEL WT. 77187.5 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.	21794.5	15028.0	.0	.0	15034.5	22256.0	1768.0	1306.5

STA.	MXGR	MYGR	MXPR	MYPR	SXPQ	SYPR
.000	-178.083	.042	-84.975	2.486	-174481.	-169621.
120.361	-150.276	.082	-71.581	2.301	-174018.	-167206.
120.362	-150.275	.082	-71.581	2.301	-174018.	-167206.
197.900	-132.826	.427	-63.278	2.325	-169154.	-160865.
263.800	-118.592	.874	-56.570	2.453	-162917.	-154153.
329.800	-104.608	.862	-50.001	2.212	-159544.	-149539.
395.752	-90.993	.902	-43.712	2.137	-155836.	-145155.
469.886	-76.307	1.039	-36.991	2.142	-148375.	-137431.
469.867	-76.307	1.089	-36.991	2.142	-148375.	-137431.
481.259	-74.068	1.157	-35.967	2.163	-147230.	-136246.
481.260	-74.986	3.436	-36.116	2.589	-135171.	-129662.
492.632	-73.015	3.437	-35.172	2.567	-133540.	-127974.
492.633	-73.015	3.437	-35.172	2.567	-133540.	-127974.
527.700	-66.970	3.534	-32.279	2.547	-128506.	-122766.
577.275	-58.799	3.640	-26.397	2.567	-123923.	-118266.
577.276	-58.894	-1.469	-28.512	.002	-113109.	-128577.
659.600	-45.177	-1.673	-22.016	-.090	-109149.	-123166.
738.919	-32.588	-1.951	-16.118	-.287	-102245.	-114408.
738.920	-32.588	-1.951	-16.118	-.287	-102245.	-114408.
748.918	-31.020	-1.943	-15.385	-.288	-101374.	-113303.
748.919	-32.500	.843	-15.809	.640	-84495.	-99065.
758.917	-31.242	.762	-15.188	.589	-83067.	-97270.
758.918	-31.242	.762	-15.188	.589	-83067.	-97270.
791.504	-27.191	.607	-13.187	.481	-78412.	-91410.
857.500	-19.844	.416	-9.594	.344	-67431.	-78161.
923.400	-13.725	.304	-6.613	.253	-56623.	-65377.
989.400	-8.614	.130	-4.142	.130	-44924.	-51553.
1055.300	-4.789	.135	-2.307	.117	-32924.	-37738.
1121.300	-2.113	.108	-1.024	.081	-21180.	-24242.
1154.300	-1.201	.038	-.585	.063	-15577.	-17817.
1187.256	-.567	.086	-.280	.056	-10307.	-11810.
1220.200	-.197	.095	-.100	.054	-5053.	-5847.
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. **3.2-392
CHECKED **	*		MODEL ****C-5A
APPROVAL *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. *IG1US54-12-1
DATE *****1/10/68*		SWEEP AXIS SYSTEM	CASE ID *** F10405

FUEL WT. 77167.5 LB.	DENSITY 6.500 LB./GAL.	ALTITUDE 25.000 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. 285.000

TANK	1	2	3	4	5	6	7	8
WT.	21794.5	15026.0	.0	.0	15034.5	22256.0	1766.0	1306.5

STA.	MXPO	MYPO	MZPO
.000	-10.983	12.516	139.934
120.361	-9.431	10.892	117.899
120.362	-9.431	10.892	117.899
197.900	-8.504	9.901	103.819
263.800	-7.778	9.123	92.157
329.800	-7.034	8.313	81.184
395.752	-6.305	7.522	70.298
469.866	-5.551	6.702	58.411
469.867	-5.551	6.702	58.411
481.259	-5.436	6.577	56.566
481.260	-4.838	5.503	56.270
492.632	-4.741	5.400	54.717
492.633	-4.741	5.400	54.717
527.700	-4.443	5.083	49.877
577.275	-4.026	4.645	43.289
577.276	-4.414	4.278	43.288
659.600	-3.643	3.589	33.513
738.919	-2.954	2.973	24.579
738.920	-2.954	2.973	24.579
748.918	-2.867	2.895	23.427
748.919	-1.548	1.348	22.602
758.917	-1.482	1.291	21.833
758.918	-1.482	1.291	21.833
791.504	-1.270	1.107	19.065
857.500	-.906	.792	13.943
923.400	-.602	.528	9.632
989.400	-.357	.313	6.099
1055.300	-.138	.165	3.323
1121.300	-.076	.066	1.418
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 INERTIA LOADS	PAGE NO. **3.2-393
CHECKED **	*		MODEL *****0-5A
APPROVED *	*	*** FUEL ***	REPORT NO. *LG1US54-12-
DATE *****11/05/68*			CASE ID *** F10501

FUEL WT. 50075.0 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. 1105.533 B.L.	.000 W.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT.	21794.5	21125.0	.0	.0	21125.0	22256.0	1763.0	1306.5

STA.	SZ02	MX02	MY02	MY X	SZT00	SXT00
.000	-89375.	-32.595	24.780	3.457	64183.	-10775.
120.361	-89375.	-41.838	24.780	2.625	64183.	-10775.
128.362	-89375.	-41.838	24.780	2.625	64183.	-10775.
197.960	-76356.	-35.419	23.791	2.250	61619.	-7967.
253.600	-66784.	-30.696	22.756	1.985	56940.	-6063.
329.800	-56562.	-26.562	21.647	1.740	56067.	-4541.
395.752	-52233.	-22.914	20.635	1.503	53448.	-3474.
469.886	-47641.	-19.256	19.764	1.253	51242.	-2766.
469.887	-47641.	-19.256	19.764	1.253	51242.	-2766.
481.259	-46936.	-18.695	19.653	1.214	50904.	-2680.
481.260	-46936.	-18.695	19.653	1.214	50904.	-2680.
492.632	-46547.	-18.171	19.573	1.175	50695.	-2629.
492.633	-46547.	-18.171	19.573	1.175	50695.	-2629.
527.700	-45351.	-16.554	19.324	1.055	50051.	-2471.
577.275	-44687.	-14.329	19.178	.984	49673.	-2391.
577.276	-44687.	-14.329	19.178	.984	49673.	-2391.
659.606	-40714.	-10.726	17.353	.633	46240.	-1954.
738.919	-33099.	-7.849	15.282	.463	39582.	-1203.
738.920	-33099.	-7.849	15.282	.463	39581.	-1203.
748.918	-32140.	-7.487	14.958	.442	38742.	-1114.
748.919	-32140.	-7.487	14.958	.442	38742.	-1114.
756.917	-31405.	-7.181	14.694	.423	38059.	-1054.
758.916	-31405.	-7.181	14.694	.423	38059.	-1054.
791.504	-29011.	-6.165	13.834	.360	35830.	-858.
857.800	-25305.	-4.398	12.438	.240	32217.	-603.
923.400	-21035.	-2.843	10.627	.142	27524.	-373.
989.400	-15200.	-1.647	7.922	.070	20519.	-123.
1055.300	-10019.	-.817	5.375	.033	13922.	10.
1121.300	-6031.	-.305	3.101	.012	8031.	53.
1154.300	-3762.	-.150	2.096	.005	5429.	55.
1187.256	-2121.	-.053	1.195	.001	3095.	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.
1319.175	0.	.000	.000	.000	0.	0.

PREPARED *	*	UNIT INERTIA LOADS	PAGE NO. **3.2-394
CHECKED **	*		MODEL *****0-5A
APPROVED *	*	*** FUEL ***	REPORT NO. * IG1054-12-
DATE *****1/08/58*			CASE ID *** FI0501

FUEL WT. 19075.0 LB.	DENSITY 6.500 LB./GAL.	ATTITUDE -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

TALK	1	2	3	4	5	6	7	8
WT.	21794.0	21125.0	.0	.0	21125.0	22256.0	1768.0	1300.5

STA.	MYT00	LYT00	MYT00	MYT05	SZPD	MYPD
.000	50.741	-24.106	4.063	-5.472	-136225.	-107.008
120.361	43.616	-24.206	2.766	-4.872	-136225.	-90.773
120.362	43.616	-24.206	2.766	-4.872	-136225.	-90.773
197.900	38.146	-23.991	2.040	-4.307	-130865.	-80.423
263.600	34.170	-23.685	1.575	-3.818	-125137.	-71.987
329.800	30.372	-23.287	1.227	-3.345	-113821.	-63.939
395.752	26.765	-22.865	.964	-2.915	-112868.	-56.307
469.686	22.908	-22.460	.738	-2.502	-107720.	-48.184
469.687	22.908	-22.460	.738	-2.502	-107720.	-48.184
481.259	22.316	-22.398	.703	-2.439	-106927.	-46.938
481.260	22.316	-22.398	.703	-2.439	-106927.	-46.938
492.652	21.742	-22.356	.674	-2.384	-106421.	-45.736
492.653	21.742	-22.356	.674	-2.384	-106421.	-45.736
527.700	19.973	-22.227	.584	-2.217	-104862.	-42.631
577.275	17.505	-22.153	.464	-2.009	-103929.	-36.873
577.276	17.505	-22.153	.464	-2.009	-103929.	-36.873
659.800	13.479	-21.006	.275	-1.575	-97339.	-28.452
738.919	10.124	-18.736	.154	-1.110	-83481.	-21.362
738.920	10.124	-18.736	.154	-1.110	-83481.	-21.362
748.916	9.701	-18.450	.139	-1.051	-81735.	-20.469
748.919	9.701	-18.450	.139	-1.051	-81735.	-20.469
758.917	9.329	-18.203	.129	-1.005	-80270.	-19.683
758.918	9.329	-18.203	.129	-1.005	-80270.	-19.683
791.504	8.114	-17.397	.097	-.854	-75494.	-17.121
857.500	5.875	-16.033	.048	-.603	-67593.	-12.410
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.	-2.476
1121.300	.440	-4.434	-.004	.014	-17145.	-.943
1154.300	.218	-3.032	-.003	.023	-11635.	-.469
1167.250	.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

PREPARED * *	UNIT INERTIA LOADS	PAGE NO. **3.2-395
CHECKED ** *		MODEL *****C-54
APPROVED * *	*** FUEL ***	REPORT NO. *IGTUS54-12-1
DATE *****11/06/68*		CASE ID *** F10501

FUEL WT. 39375.0 LB.	DENSITY 6.500 LB./GAL.	ALTITUDE -29.000 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.	21794.5	21125.0	.0	.0	21125.0	22256.1	1763.0	1395.5

STA.	WYPO	WZPO	WXPS	WXPS100	WYPS100	WZPS100
.000	50.741	1.915	11.613	-3.556	-7.550	-131.552
120.361	50.741	1.915	9.044	-2.957	-6.273	-115.165
120.362	50.741	1.915	9.044	-2.957	-6.273	-115.165
197.900	50.340	1.696	7.570	-2.611	-5.530	-104.362
263.000	49.712	1.487	6.507	-2.331	-4.930	-95.796
329.000	48.863	1.280	5.591	-2.065	-4.364	-87.331
395.752	47.917	1.107	4.782	-1.808	-3.819	-79.259
469.686	46.961	.977	3.959	-1.525	-3.221	-70.708
469.687	46.961	.977	3.959	-1.525	-3.221	-70.708
481.259	46.814	.958	3.832	-1.481	-3.129	-69.396
481.260	46.814	.958	3.832	-1.481	-3.129	-69.396
492.632	46.709	.947	3.712	-1.438	-3.038	-68.149
492.633	46.709	.947	3.712	-1.438	-3.038	-68.149
527.700	46.385	.914	3.341	-1.304	-2.753	-64.302
577.475	46.180	.895	2.824	-1.113	-2.360	-59.052
577.476	46.180	.895	2.824	-1.113	-2.360	-59.052
659.600	43.979	.749	2.027	-.325	-1.752	-49.463
738.919	39.305	.495	1.455	-.615	-1.362	-40.099
738.920	39.305	.495	1.455	-.615	-1.362	-40.099
748.918	38.716	.463	1.384	-.593	-1.245	-38.916
748.919	38.716	.463	1.384	-.593	-1.245	-38.916
758.917	38.190	.441	1.320	-.564	-1.193	-37.835
758.918	38.190	.441	1.320	-.564	-1.193	-37.835
791.664	36.474	.370	1.120	-.423	-1.023	-34.516
857.000	33.501	.274	.747	-.320	-.699	-28.437
923.400	29.287	.175	.440	-.199	-.425	-22.232
989.400	22.590	.062	.239	-.112	-.241	-15.631
1055.000	15.843	-.007	.110	-.054	-.115	-9.975
1121.000	9.445	-.032	.034	-.013	-.039	-5.373
1154.000	6.484	-.031	.013	-.007	-.015	-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
1266.200	.000	.000	.000	.000	.000	.000
1319.173	.000	.000	.000	.000	.000	.000

PREPARED *	UNIT INERTIA LOADS	PAGE NO. **3.2-396
CHECKED **		SOLEL ****C-5A
APPROVED *	*** FUEL ***	REPORT NO. IG1US54-12-1
DATE *****1/06/68*		CASE ID *** F10501

FUEL WT. 39075.0 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. .000	W.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT.	21794.5	21125.0	.0	.0	21125.0	22256.1	1763.0	1300.5

STA.	MZPSIDS	MYOR	MYPR	MZPO
.000	.000	-107.456	24.493	62.963
120.361	7.725	-90.959	24.393	60.566
120.362	7.725	-90.959	24.393	66.566
197.900	12.194	-60.571	24.140	56.431
263.800	15.548	-72.111	23.809	48.302
329.800	18.491	-64.045	23.392	40.652
395.752	21.152	-56.394	22.952	33.442
469.886	24.053	-48.248	22.524	25.724
469.887	24.053	-48.248	22.524	25.724
481.259	24.498	-46.998	22.458	24.540
481.260	24.498	-46.998	22.453	24.540
492.632	24.967	-45.792	22.412	23.330
492.633	24.967	-45.792	22.412	23.330
527.700	26.412	-42.075	22.271	19.803
577.275	28.675	-36.899	22.170	14.720
577.276	28.675	-36.899	22.170	14.720
659.600	30.500	-28.457	21.011	7.445
738.919	29.181	-21.363	18.736	2.626
738.920	29.181	-21.363	18.736	2.626
748.918	29.015	-20.469	18.450	2.019
748.919	29.015	-20.469	18.450	2.019
758.917	28.661	-19.682	18.202	1.430
758.918	28.661	-19.682	18.202	1.430
791.504	28.360	-17.110	17.395	-.276
857.500	27.626	-12.404	16.027	-3.623
923.400	25.416	-8.205	14.019	-5.314
989.400	20.302	-4.671	10.754	-5.832
1055.300	14.692	-2.475	7.497	-5.022
1121.300	9.005	-.944	4.433	-3.489
1154.300	6.267	-.468	3.031	-2.562
1167.286	3.674	-.107	1.746	-1.579
1220.200	1.261	-.021	.589	-.563
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. *3.2-397	MODEL *****0-5A
CHECKED **			REPORT NO. *LG10S54-12-1
APPROVED *	*** WING (FUEL INCLUDED) ***		CASE ID *** F10501
DATE *****11/03/88*			

FUEL WT. 19675.0 LB.	DENSITY 6.500 LB./GAL.	ALTITUDE -29,000 DEG.
LOAD AXIS ORIGIN	F.S. 1116.583 B.L. .000	L.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1116.583 B.L. .010	L.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT.	21794.5	21125.0	.0	.0	21125.0	22256.1	1763.0	1306.5

SFA.	SZNZ	MYNZ	MYNZ	MYX	SZTDO	SXTDO
.000	-156350.	-38.751	41.332	7.340	103349.	-14063.
120.361	-150466.	-77.177	41.004	6.550	106203.	-12613.
120.362	-150466.	-70.177	41.004	6.550	106203.	-12613.
197.900	-133477.	-59.177	39.367	5.367	101938.	-3903.
263.900	-120893.	-50.791	37.785	5.339	97807.	-6455.
329.800	-108601.	-43.198	35.635	4.349	92350.	-4221.
398.752	-99267.	-36.366	33.927	4.397	87873.	-2634.
469.850	-91516.	-29.345	32.263	3.908	83564.	-1460.
469.867	-91516.	-29.345	32.263	3.908	83564.	-1460.
501.259	-90328.	-23.258	32.003	3.333	82902.	-1260.
581.260	-79417.	-23.310	31.060	2.959	80449.	-2450.
492.632	-78426.	-27.425	30.792	2.796	79754.	-2313.
492.633	-78428.	-27.425	30.792	2.796	79753.	-2313.
527.700	-76381.	-24.725	29.965	2.602	77611.	-1911.
577.275	-72666.	-21.058	29.206	2.333	75646.	-1553.
577.276	-72666.	-21.058	29.206	2.333	75646.	-1553.
559.630	-68024.	-15.239	25.768	1.940	69330.	-766.
738.919	-55333.	-10.547	23.280	1.645	60294.	237.
738.920	-55333.	-10.547	23.280	1.645	60294.	237.
748.913	-54105.	-9.949	22.941	1.603	59160.	362.
748.919	-43157.	-9.938	20.374	.602	52771.	-1475.
753.917	-42046.	-9.533	19.955	.576	51686.	-1365.
753.918	-42046.	-9.533	19.955	.576	51686.	-1365.
791.304	-38422.	-8.262	13.689	.494	48147.	-1092.
857.300	-33163.	-5.904	16.535	.340	42826.	-726.
923.400	-27239.	-3.910	13.951	.212	36135.	-409.
989.400	-19916.	-2.347	10.320	.126	27247.	-110.
1055.000	-13729.	-1.243	7.482	.067	19373.	53.
1121.000	-8236.	-.522	4.622	.023	11972.	111.
1154.000	-5352.	-.291	3.333	.016	8633.	106.
1187.250	-3705.	-.136	2.201	.007	5702.	86.
1220.200	-1907.	-.042	1.143	.002	2961.	63.
1253.200	-.332.	-.010	.212	.001	550.	12.
1286.200	-162.	-.005	.107	.000	270.	7.
1319.173	0.	.000	.000	.000	0.	0.

PREPARED *	*	UNIT I INERTIA LOADS	PAGE NO. *3.2-398
CHECKED **	*		MODEL *****0-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. FIG1054-12-
DATE *****11/03/55*			CASE ID *** F10551

FUEL WT. 39575.0 LB.	DENSITY 5.500 LB./GAL.	ALTITUDE -29.000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.533 3.L. .000	A.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1106.533 3.L. .000	A.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT.	21794.5	21125.0	.0	.0	21125.0	22256.0	1763.0	1306.5

STA.	AXTOD	MYTOD	MZTOD	MYTDS	SZPO	MXPO
.000	79.451	-40.019	4.192	-9.237	-229872.	-172.257
120.361	66.517	-39.746	2.567	-8.062	-225672.	-144.725
120.362	66.517	-39.746	2.567	-8.062	-225672.	-144.725
197.900	58.452	-39.118	1.781	-7.125	-221691.	-127.262
263.800	51.868	-38.478	1.222	-6.340	-214155.	-112.392
329.800	45.587	-37.240	.365	-5.509	-204654.	-99.045
395.752	39.658	-36.279	.642	-4.793	-195932.	-85.847
469.836	33.334	-35.241	.497	-4.081	-187157.	-71.690
469.887	33.334	-35.241	.497	-4.081	-187157.	-71.690
481.259	32.364	-35.082	.474	-3.971	-185811.	-69.519
481.260	32.371	-34.628	.471	-3.354	-172293.	-69.427
492.632	31.475	-34.415	.447	-3.752	-171013.	-67.503
492.633	31.475	-34.415	.447	-3.752	-171013.	-67.503
527.700	28.713	-33.750	.372	-3.438	-167068.	-61.572
577.275	24.915	-33.173	.287	-3.160	-163193.	-53.391
577.276	24.915	-33.173	.287	-3.160	-163193.	-53.391
659.500	18.678	-30.935	.162	-2.362	-151544.	-40.296
738.919	13.790	-27.751	.165	-1.690	-133050.	-29.379
738.920	13.790	-27.751	.165	-1.690	-133050.	-29.379
748.918	13.149	-27.350	.163	-1.605	-130720.	-27.655
748.919	13.171	-25.601	.157	-1.432	-109534.	-27.341
758.917	12.669	-25.181	.144	-1.365	-107373.	-26.497
758.918	12.669	-25.181	.144	-1.365	-107373.	-26.497
791.504	11.033	-23.815	.105	-1.147	-100100.	-23.095
857.500	8.337	-21.704	.043	-.401	-88948.	-16.860
923.400	5.416	-18.743	.005	-.491	-75234.	-11.413
989.400	3.332	-14.528	-.015	-.231	-57110.	-7.043
1055.300	1.804	-10.638	-.015	-.265	-40744.	-3.614
1121.300	.775	-6.760	-.010	.021	-25270.	-1.640
1154.300	.440	-4.946	-.007	.037	-18249.	-.925
1187.256	.206	-3.327	-.004	.039	-12016.	-.430
1220.200	.067	-1.785	-.001	.028	-6130.	-.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 *	*	UNIT INERTIA LOADS	PAGE NO. **3.2-399
CHECKED **	#		MODEL *****C-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO.*LG1US54-12-
DATE *****11/26/68*			CASE ID *** F10301

FUEL WT. 39375.0 LB.	DENSITY 6.500 LB./GAL.	ATTITUDE -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

TANK	1	2	3	4	5	6	7	8
WT.	21794.5	21125.0	.0	.0	21125.0	22256.0	1728.0	1306.5

SIX.	MYPD	MYPD	MXPS	MXPS100	MXPS100	MXPS100
100.000	79.451	2.669	19.597	-6.367	-15.405	-211.870
120.361	79.299	2.679	15.840	-5.393	-13.273	-183.861
120.362	79.299	2.679	15.840	-5.393	-13.273	-183.860
197.900	76.626	2.313	13.720	-4.312	-11.989	-165.740
263.000	77.685	1.993	12.170	-4.347	-10.943	-150.719
329.000	76.044	1.596	10.817	-3.913	-9.952	-135.630
395.752	74.434	1.235	9.644	-3.497	-9.002	-121.472
469.886	72.550	1.038	8.466	-3.042	-7.969	-106.280
469.887	72.550	1.038	8.466	-3.042	-7.969	-106.279
481.259	72.261	.999	8.285	-2.972	-7.811	-103.949
481.260	71.088	1.111	7.075	-2.743	-6.604	-103.650
492.632	70.740	1.074	6.908	-2.678	-6.461	-101.512
492.633	70.740	1.074	6.908	-2.678	-6.461	-101.512
527.700	69.668	.960	6.393	-2.478	-6.021	-94.921
577.275	68.584	.860	5.703	-2.200	-5.416	-86.149
577.276	68.584	.860	5.703	-2.200	-5.416	-86.143
659.000	64.608	.582	4.665	-1.779	-4.481	-70.615
738.919	56.255	.238	3.913	-1.452	-3.743	-56.432
738.920	56.255	.238	3.913	-1.452	-3.743	-56.431
748.918	57.454	.194	3.813	-1.411	-3.655	-54.619
748.919	52.692	.620	1.869	-.812	-1.712	-53.125
758.917	51.659	.586	1.788	-.779	-1.644	-51.661
758.918	51.659	.586	1.788	-.779	-1.644	-51.661
791.004	49.141	.474	1.523	-.674	-1.420	-46.692
857.500	44.762	.329	1.041	-.472	-.999	-38.543
923.000	36.783	.170	.646	-.302	-.641	-30.135
969.400	30.290	.048	.375	-.183	-.383	-21.552
1055.300	22.254	-.033	.193	-.098	-.238	-14.447
1121.300	14.202	-.064	.080	-.042	-.099	-8.397
1154.300	10.405	-.061	.043	-.024	-.050	-5.869
1187.256	6.976	-.050	.020	-.011	-.023	-3.756
1220.200	3.660	-.032	.007	-.004	-.008	-1.921
1253.200	.766	-.008	.002	-.001	-.003	-.388
1286.200	.362	-.005	.001	-.001	-.001	-.195
1319.173	.000	.000	.000	.000	.000	.000

PREPARED *	*	UNIT I LRTIA LOADS	PAGE NO. *3.2-400
CHECKED **	*		MODEL ***FAC-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. *IG1US54-12-1
DATE ***1/10/68*			CASE NO. *** F10501

FUEL WT. 49075.0 LB.	DENSITY 6.500 LB./GAL.	ALTITUDE -29.000 DEG.
LOAD AXIS ORIGIN	F.S. 1176.583 B.L. .000	W.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1176.583 B.L. .000	W.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT.	21794.5	21125.0	.0	.0	21125.0	22256.0	1785.0	1306.5

STA.	HZPSIDS	MXOP	MYPR	MZPC
.000	.000	-171.851	39.613	132.238
120.361	12.783	-144.115	39.135	104.980
120.362	12.783	-144.115	39.135	104.980
197.900	20.173	-126.622	38.479	88.143
263.800	25.817	-112.240	37.827	74.414
329.800	30.457	-98.390	36.584	61.806
395.752	34.776	-85.194	35.625	49.569
469.856	39.216	-71.039	34.589	36.450
469.857	39.216	-71.039	34.589	36.450
481.259	39.897	-68.867	34.430	34.437
481.260	38.717	-69.622	34.223	34.799
492.632	39.265	-67.097	34.009	33.088
492.633	39.265	-67.097	34.009	33.088
527.700	43.955	-51.161	33.349	27.311
577.275	43.669	-52.975	32.757	20.218
577.276	43.669	-52.975	32.757	20.218
659.000	45.730	-39.880	30.519	9.361
738.919	44.465	-28.680	27.353	1.320
738.920	44.465	-28.680	27.353	1.327
743.912	44.306	-27.269	26.954	.315
743.919	39.521	-27.524	25.584	-.940
758.917	34.184	-26.460	25.164	1.316
758.918	39.189	-26.460	25.164	1.316
791.504	38.108	-23.077	23.797	-.719
857.500	36.725	-16.839	21.683	-4.344
923.400	33.367	-11.392	18.721	-7.329
989.400	28.958	-7.024	14.510	-7.485
1055.300	20.450	-3.808	10.632	-6.324
1121.300	13.424	-1.637	6.757	-5.120
1154.300	9.965	-.923	4.944	-4.021
1187.250	6.770	-.429	3.326	-2.398
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. **3.2-401
CHECKED **	*		MODEL *****0-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO.* IG1US54-12-
DATE *****1/05/60*		SWEEP AXIS SYSTEM	CASE ID *** FI0501

FUEL WT. 59575.0 LB.	DENSITY 6.500 LB./GAL.	ALTITUDE -29.000 DEG.
LOAD AXIS ORIGIN	F.S. 1196.583	B.L. .000
ROTATIONAL AXIS ORIGIN	F.S. 1196.583	B.L. .000

TANK	1	2	3	4	5	6	7	8
WT.	21794.5	21125.0	.0	.0	21125.0	22255.0	1768.0	1305.5

SYX	SYNY	SYNZ	MXNY	MYNY	MZNY	MZNY
.610	-146878.	-49367.	-2.499	7.537	58.751	-24.793
120.361	-142820.	-47353.	-2.062	6.217	70.177	-18.653
120.362	-142820.	-47353.	-2.062	6.217	70.177	-18.653
197.960	-126693.	-42010.	-1.846	5.569	59.177	-16.098
263.800	-110749.	-38050.	-1.680	5.068	50.791	-14.077
329.800	-103082.	-34181.	-1.526	4.693	43.168	-11.981
395.752	-94213.	-31240.	-1.384	4.173	36.366	-10.119
469.066	-86865.	-28803.	-1.230	3.709	29.345	-8.062
469.067	-86865.	-28803.	-1.230	3.709	29.345	-8.062
481.259	-85738.	-28430.	-1.206	3.638	28.268	-7.730
481.260	-75381.	-24996.	-.900	2.713	28.300	-9.760
492.632	-74442.	-24684.	-.900	2.654	27.425	-9.461
492.633	-74442.	-24684.	-.880	2.654	27.425	-9.461
527.700	-71550.	-23725.	-.819	2.469	24.725	-8.586
577.275	-66973.	-22371.	-.736	2.219	21.058	-7.402
577.276	-66728.	-23772.	-.926	2.147	21.058	-7.402
659.600	-60459.	-25944.	-.768	1.782	15.289	-4.781
733.919	-50857.	-21929.	-.651	1.511	10.547	-2.803
733.920	-50856.	-21929.	-.651	1.511	10.547	-2.803
746.918	-49683.	-21423.	-.637	1.477	9.949	-2.602
746.919	-39630.	-17088.	-.238	.552	9.958	-4.231
758.917	-32609.	-16643.	-.228	.529	9.583	-4.046
758.918	-33602.	-16643.	-.228	.529	9.583	-4.046
791.504	-35232.	-16213.	-.195	.454	8.262	-3.511
857.500	-30453.	-13131.	-.135	.312	5.904	-2.573
923.400	-25007.	-10783.	-.084	.195	3.900	-1.716
989.400	-18239.	-7885.	-.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	-.505.	-131.	-.000	.001	.010	-.016
1286.200	-149.	-54.	-.000	.000	.003	-.009
1319.175	0.	0.	-.000	.000	-.000	-.000

PREPARED *	*	UNIT INERTIA LOADS		PAGE NO. **3.2-402
CHECKED **	*			MODEL *****C-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***		REPORT NO.* IG1US54-12-
DATE *****1/23/68*		WEIGHT AXIS SYSTEM		CASE ID *** FI0501

FUEL WT. 39375.0 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. 1106.533	B.L. .000	A.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT.	21794.5	21125.0	.0	.0	21125.0	22256.0	1758.0	1306.5

SFA.	SENZ	MXNZ	MYNZ	SXTCO	SYTCO	SZTCO
.000	-158350.	-92.044	-4.400	-13353.	-4428.	108349.
120.501	-150466.	-72.431	-4.383	-11976.	-3971.	106203.
120.502	-150466.	-72.431	-4.383	-11976.	-3971.	106203.
107.900	-133077.	-61.236	-3.346	-8512.	-2822.	101933.
283.000	-120893.	-52.640	-2.624	-6127.	-2032.	97357.
329.000	-108601.	-44.773	-2.224	-4007.	-1329.	92350.
395.752	-99257.	-37.703	-1.841	-2500.	-829.	87873.
469.836	-91516.	-30.391	-1.584	-1386.	-459.	83564.
469.837	-91516.	-30.391	-1.584	-1386.	-459.	83564.
461.259	-90328.	-29.230	-1.512	-1215.	-403.	82902.
481.250	-79417.	-29.934	.356	-2325.	-771.	80449.
492.632	-73423.	-29.009	.348	-2200.	-729.	79754.
+92.533	-78428.	-29.009	.348	-2200.	-729.	79753.
527.750	-75331.	-25.170	.367	-1814.	-601.	77611.
577.275	-72566.	-22.318	.398	-1473.	-490.	75646.
577.275	-72566.	-22.258	-1.540	-1430.	-617.	75646.
659.000	-65524.	-15.933	-1.564	-695.	-299.	69330.
735.919	-55383.	-10.795	-1.503	213.	94.	60298.
735.920	-55383.	-10.795	-1.503	213.	94.	60298.
743.913	-54105.	-10.167	-1.550	333.	142.	59160.
748.919	-43157.	-10.847	-.070	-1354.	-584.	52771.
753.917	-42145.	-10.402	-.079	-1272.	-548.	51685.
756.918	-42145.	-10.402	-.079	-1272.	-548.	51685.
791.534	-33422.	-3.977	-.047	-1002.	-432.	48147.
857.500	-33163.	-3.442	.030	-667.	-286.	42323.
925.400	-27233.	-4.261	.031	-375.	-102.	36135.
989.400	-19916.	-2.553	-.007	-101.	-44.	27247.
1055.500	-13729.	-1.352	-.003	49.	21.	19373.
1121.300	-8236.	-.566	-.005	102.	44.	11972.
1154.500	-5852.	-.315	-.004	97.	42.	8633.
1137.250	-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.
1319.173	0.	-.000	.000	0.	0.	0.

PREPARED * *	#	UNIT THERIA LOADS	PAGE NO. *13.2- 403
CHECKED ** *	*		MODEL *****C-5A
APPROVED * *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. *IG1US54-12-
DATE *****11/08/68*		SWEPT AXIS SYSTEM	PAGE 11 *** F10501

FUEL WT. 19378.0 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	21125.0	.0	.0	21125.0	22256.0	1763.0	1306.5

STA.	XTOD	MYTOD	MZTOD	SYTODS	SYTODS	SZTODS
.000	84.304	-1.807	4.192	102843.	34102.	14063.
120.361	70.680	-1.816	2.567	100306.	33425.	12613.
120.362	70.680	-1.816	2.567	100806.	33426.	12613.
197.900	62.203	-1.873	1.731	96757.	32084.	8963.
263.800	55.302	-1.931	1.222	92893.	30802.	6455.
329.800	48.654	-1.891	.865	87657.	29066.	4221.
395.752	42.427	-1.947	.642	83409.	27657.	2634.
469.886	35.776	-1.984	.497	79317.	26301.	1460.
469.887	35.776	-1.984	.497	79317.	26301.	1460.
481.259	34.762	-2.007	.474	78639.	26093.	1230.
481.260	34.833	-2.198	.471	76360.	25320.	2430.
492.632	33.880	-2.170	.447	75700.	25101.	2313.
492.633	33.880	-2.170	.447	75700.	25101.	2313.
527.700	30.951	-2.115	.372	73666.	24427.	1911.
577.275	26.946	-2.101	.287	71802.	23809.	1553.
577.276	27.026	.246	.287	69464.	29952.	1553.
659.000	20.373	.430	.132	63664.	27451.	756.
738.919	14.823	.450	.165	55370.	23875.	-237.
738.920	14.823	.450	.165	55370.	23875.	-237.
748.918	14.141	.412	.163	54325.	23424.	-362.
748.919	14.416	-.167	.157	48458.	20894.	1475.
756.917	13.661	-.149	.144	47461.	20465.	1385.
758.918	13.661	-.149	.144	47461.	20464.	1385.
791.504	12.080	-.150	.103	44212.	19063.	1092.
857.500	8.836	-.195	.043	39328.	16958.	726.
923.400	5.966	-.158	.005	33132.	14307.	409.
989.400	3.658	-.058	-.013	25020.	10785.	110.
1055.300	1.965	-.047	-.015	17794.	7672.	-53.
1121.300	.857	-.022	-.010	10994.	4740.	-111.
1154.300	.466	-.016	-.007	7927.	3418.	-106.
1187.250	.235	-.026	-.004	5236.	2255.	-86.
1220.200	.091	-.043	-.001	2712.	1172.	-53.
1253.200	.027	-.019	-.000	595.	218.	-12.
1286.200	.011	-.013	-.000	255.	110.	-7.
1319.173	-.000	.000	.000	0.	0.	-0.

PREPARED *	*	UNIT INERTIA LOADS	PAGE NO. **3.2-404
CHECKED **	*		MODEL *****C-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO.* IG1US54-12-
DATE ***/**/00/08*		SWEPT AXIS SYSTEM	CASE ID *** F10501

FUEL WT. 19375.0 LB.	DENSITY 6.500 LB./GAL.	ATTITUDE -29.000 DEG.
LOAD AXIS ORIGIN	F.S. 1176.533 B.L.	.000 A.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1176.533 B.L.	.000 A.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT.	21794.5	21125.0	.0	.0	21125.0	22256.0	1768.0	1306.5

STA.	AXIOS	MYTOS	MZTOS	SZ00	MXPD	MYPO
.000	3.405	-5.097	-79.451	-229372.	-180.050	-2.506
120.361	4.384	-5.065	-66.517	-228672.	-151.636	-2.523
120.362	4.384	-5.065	-66.517	-228672.	-151.636	-2.523
197.900	3.393	-4.735	-58.452	-221531.	-137.322	-2.092
263.800	2.756	-4.431	-51.868	-214155.	-118.387	-1.658
329.800	2.265	-4.084	-45.587	-204654.	-103.914	-1.340
395.752	1.919	-3.747	-39.658	-195932.	-90.120	-.977
469.886	1.634	-3.350	-33.334	-187157.	-75.304	-.678
469.887	1.634	-3.350	-33.334	-187157.	-75.304	-.678
481.259	1.592	-3.294	-32.364	-185811.	-73.043	-.596
481.260	1.453	-2.886	-32.371	-172293.	-73.728	1.761
492.632	1.407	-2.822	-31.475	-171013.	-71.697	1.750
492.633	1.407	-2.822	-31.475	-171013.	-71.697	1.750
527.700	1.265	-2.632	-28.713	-167068.	-65.456	1.773
577.275	1.088	-2.371	-24.915	-163193.	-56.652	1.816
577.276	1.290	-2.267	-24.915	-163193.	-56.795	-3.126
659.000	1.002	-1.863	-18.878	-151544.	-42.451	-3.322
738.919	.856	-1.567	-13.790	-133051.	-30.289	-3.195
738.920	.856	-1.567	-13.790	-133050.	-30.289	-3.195
748.915	.839	-1.534	-13.149	-130720.	-28.792	-3.096
748.919	.492	-.746	-13.171	-109584.	-29.923	-.160
758.917	.465	-.715	-12.660	-107373.	-28.779	-.173
758.918	.465	-.715	-12.669	-107373.	-28.779	-.173
791.501	.679	-.619	-11.033	-100166.	-25.102	-.115
857.500	.235	-.438	-8.037	-88946.	-16.323	.052
923.400	.126	-.261	-5.416	-75234.	-12.453	.054
989.400	.059	-.169	-3.332	-57116.	-7.555	-.031
1055.300	.022	-.091	-1.804	-40744.	-4.148	-.013
1121.300	.006	-.039	-.778	-25270.	-1.760	-.014
1154.300	.002	-.022	-.440	-18249.	-1.003	-.009
1187.250	.000	-.010	-.206	-12015.	-.478	.023
1220.200	-.000	-.003	-.067	-6136.	-.180	.072
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. **3.2-405
CHECKED **	*		MODEL ****C-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. LG1US54-12-1
DATE ****11/30/88*		SWEEP AXIS SYSTEM	CASE ID *** F10501

FUEL WT. 39575.0 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. 1106.583	B.L. .000	W.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT.	21794.5	21125.0	.0	.0	21125.0	22256.0	1763.0	1306.5

STA.	MZPD	SYPS	SYPS	UXPS	UYPS	MZPS
.000	1.341	-72349.	218190.	19.323	4.895	54.479
120.381	.804	-71972.	217050.	15.288	4.222	45.331
120.382	.804	-71972.	217050.	15.288	4.222	45.331
197.900	.750	-69775.	210424.	13.259	3.805	39.995
263.800	.727	-67403.	203271.	11.730	3.141	35.687
329.800	.676	-64412.	194253.	10.480	2.763	31.431
395.752	.664	-61667.	185975.	9.363	2.405	27.437
469.806	.652	-58905.	177646.	8.241	2.045	23.053
469.807	.652	-58905.	177645.	8.241	2.045	23.053
481.259	.656	-58482.	176368.	8.071	1.915	22.424
481.260	.454	-54227.	163537.	6.358	1.796	24.876
492.632	.443	-53824.	162322.	6.696	1.753	24.227
492.633	.443	-53824.	162322.	6.696	1.753	24.227
527.700	.418	-52583.	158577.	6.200	1.615	22.285
577.275	.393	-51363.	154899.	5.536	1.422	19.617
577.276	.393	-51363.	154899.	5.536	1.422	19.617
659.600	.329	-50003.	139159.	4.412	1.543	13.753
738.919	.325	-52681.	122177.	3.722	1.251	9.060
738.920	.325	-52681.	122177.	3.722	1.251	9.060
748.910	.330	-51758.	120037.	3.637	1.209	8.557
748.919	.068	-43309.	100622.	1.743	.877	11.731
758.917	.062	-42514.	98598.	1.666	.851	11.232
758.918	.062	-42514.	98597.	1.666	.851	11.232
791.504	.045	-39660.	91980.	1.416	.561	9.834
857.500	.024	-35218.	81677.	.966	.391	7.326
923.400	.006	-29789.	69086.	.595	.250	4.981
989.400	-.005	-22615.	52448.	.343	.153	3.003
1055.300	-.006	-16133.	37414.	.175	.082	1.630
1121.300	-.004	-10006.	23205.	.071	.035	.892
1154.300	-.003	-7226.	16758.	.039	.020	.339
1187.256	-.002	-4757.	11033.	.018	.010	.210
1220.200	-.001	-2439.	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- 406
CHECKED *	*		MODEL ***K-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. *IG1054-12-
DATE *****/****/55*		SHEAR AXIS SYSTEM	CASE ID *** 210501

FUEL WT. 49375.0 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. 1106.583 B.L. .000	W.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT.	21794.5	21125.0	.0	.0	21125.0	22256.0	1703.0	1306.5

STA.	5XPS100	5YPS100	5XPS100	5YPS100	5ZPS100	5ZPS100S
.000	252291.	35702.	-1.195	-16.626	-200.100	-24.972
120.361	250476.	83948.	-.932	-14.293	-168.085	-21.135
120.362	250476.	83948.	-.932	-14.293	-168.084	-21.185
197.900	242508.	73237.	-.794	-12.304	-147.977	-18.457
263.800	234074.	73530.	-.680	-11.760	-131.527	-16.180
329.800	223319.	58419.	-.582	-10.673	-115.493	-14.156
395.752	213032.	54167.	-.486	-9.645	-100.395	-12.221
469.386	203946.	60291.	-.379	-8.522	-84.122	-10.276
469.387	203946.	60291.	-.379	-8.522	-84.122	-10.276
481.259	202460.	59697.	-.363	-8.349	-81.713	-9.940
481.260	188858.	56553.	-.525	-7.131	-82.072	-7.495
492.632	187423.	56024.	-.509	-6.975	-79.820	-7.248
492.633	187423.	56024.	-.509	-6.975	-79.820	-7.248
527.709	183004.	54396.	-.453	-6.495	-72.910	-6.428
577.275	178708.	52841.	-.384	-5.333	-63.451	-5.293
577.276	178308.	58046.	.124	-5.844	-63.451	-5.298
639.800	166810.	50693.	.140	-4.319	-47.562	-5.120
728.919	146052.	52463.	.150	-4.016	-34.135	-4.730
733.920	146051.	52463.	.150	-4.016	-34.135	-4.730
748.918	143461.	51425.	.152	-3.915	-32.489	-4.592
748.919	121522.	44704.	-.087	-1.394	-33.385	-1.470
758.917	118032.	43735.	-.065	-1.313	-32.115	-1.433
758.918	114062.	43735.	-.065	-1.313	-32.115	-1.435
791.574	111043.	40663.	-.036	-1.571	-27.993	-1.169
857.590	98035.	35885.	-.033	-1.104	-20.517	-.711
923.490	83393.	30164.	-.023	-.708	-13.399	-.436
939.400	63233.	22716.	-.014	-.429	-8.535	-.329
1055.510	45087.	16084.	-.007	-.230	-4.633	-.174
1121.300	27946.	9904.	-.003	-.099	-1.997	-.066
1154.300	20176.	7123.	-.002	-.056	-1.130	-.051
1167.256	13291.	4678.	-.001	-.026	-.545	.004
1220.200	6397.	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 *	*	INERTIA LOADS		PAGE NO. **3.2-407
CHECKED **	*			MODEL *****C-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***		REPORT NO.* IG1US54-12-
DATE *****11/56/58*		SWEEP AXIS SYSTEM		CASE ID *** F10501

FUEL WT. 49575.0 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	21125.0	.0	.0	21125.0	22256.0	1783.0	1305.5

STA.	MXR	MYR	MXPR	MYPR	SXPR	SYPR
.000	-183.264	-2.378	-84.176	1.821	-184039.	-175192.
120.361	-151.058	-2.331	-70.488	1.237	-183624.	-172777.
120.362	-151.058	-2.331	-70.488	1.237	-183624.	-172777.
197.900	-130.775	-1.890	-62.002	1.266	-178340.	-166532.
263.800	-117.768	-1.453	-55.096	1.362	-172469.	-160296.
329.800	-103.282	-1.134	-48.443	1.269	-165187.	-152069.
395.752	-89.500	-.771	-42.221	1.327	-153318.	-145075.
469.886	-74.686	-.473	-35.571	1.365	-151345.	-138222.
469.887	-74.685	-.473	-35.571	1.365	-151345.	-138222.
481.259	-72.425	-.391	-34.557	1.389	-150275.	-137171.
481.260	-73.544	1.388	-34.706	1.814	-138217.	-130588.
492.532	-71.512	1.878	-33.752	1.785	-137220.	-129525.
492.633	-71.512	1.878	-33.752	1.785	-137220.	-129525.
527.700	-65.067	1.903	-30.822	1.725	-134150.	-126249.
577.275	-56.457	1.947	-26.815	1.706	-131090.	-123155.
577.276	-56.413	-2.961	-26.862	-.628	-119904.	-134080.
659.800	-42.068	-3.157	-20.203	-.813	-111798.	-123587.
738.919	-29.923	-3.037	-14.665	-.816	-98302.	-108051.
738.920	-29.923	-3.037	-14.665	-.816	-98302.	-108051.
748.918	-23.428	-2.939	-13.984	-.776	-96613.	-108083.
748.919	-29.908	-.153	-14.409	.152	-79734.	-91347.
758.917	-23.763	-.171	-13.854	.133	-78133.	-89975.
758.918	-23.763	-.171	-13.854	.133	-78133.	-89975.
791.504	-25.065	-.107	-12.073	.134	-72916.	-83872.
857.500	-18.364	.060	-6.828	.176	-64719.	-74546.
923.900	-12.433	.063	-5.958	.130	-64778.	-62970.
989.400	-7.639	-.024	-3.650	.051	-41660.	-47635.
1055.300	-4.143	-.011	-1.983	.042	-29742.	-33927.
1121.300	-1.777	-.013	-.855	.019	-18465.	-21000.
1154.300	-1.001	-.009	-.485	.015	-13340.	-15153.
1187.256	-.477	.023	-.235	.024	-8776.	-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- 408
CHECKED **	*		MODEL *****C-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO.*IG1US54-12-
DATE *****11/04/66*		SLEPT AXIS SYSTEM	CASE ID *** F10501

FUEL WT. 49575.0 LL.	DENSITY 6.500 LB./GAL.	ALTITUDE -29.000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583 S.L.	W.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1106.583 S.L.	W.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT.	21794.5	21125.0	.0	.0	21125.0	22256.0	1763.0	1305.5

STA.	MXEQ	MYPG	MZPG
.000	-10.892	12.618	144.008
120.381	-9.287	10.904	120.756
120.382	-9.287	10.904	120.756
197.900	-6.341	9.865	105.906
263.800	-7.572	9.024	93.606
329.800	-6.247	8.215	81.937
395.752	-6.152	7.443	70.546
469.886	-5.396	6.607	58.548
469.887	-5.396	6.607	58.547
481.259	-5.280	6.478	56.673
481.260	-4.682	5.405	56.377
492.632	-4.576	5.290	54.780
492.633	-4.576	5.290	54.780
527.700	-4.247	4.935	49.823
577.275	-3.793	4.448	42.916
577.276	-4.165	4.102	42.916
659.800	-3.408	3.410	32.625
738.919	-2.817	2.866	23.623
738.920	-2.817	2.866	23.623
748.918	-2.743	2.798	22.444
748.919	-1.423	1.251	21.680
758.917	-1.366	1.201	20.872
758.918	-1.366	1.201	20.872
791.584	-1.181	1.037	18.174
857.500	-.829	.730	13.182
923.400	-.531	.469	8.906
989.400	-.322	.284	5.532
1055.300	-.172	.153	2.985
1121.300	-.075	.066	1.250
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
1319.173	.000	-.000	.000

PREPARED *	*	UNIT INERTIA LOADS	PAGE NO. **3.2-409
CHECKED **	*		FUEL *****C-5A
APPROVED *	*	*** FUEL ***	REPORT NO. *LG1US54-12-
DATE *****11/08/68*			CASE ID *** F10502

FUEL WT. 49579.0 LB.	DENSITY 6.500 LB./GAL.	ATTITUDE -12.000 DEG.
LOAD AXIS ORIGIN	F.S. 1116.583	S.L. .000
ROTATIONAL AXIS ORIGIN	F.S. 1116.583	S.L. .000

TANK	1	2	3	4	5	6	7	8
WT.	21794.5	21125.0	.0	.0	21125.0	22256.0	1768.0	1306.5

STA.	SZDZ	MXNZ	MYNZ	MYNY	SZTDC	SXTDC
.000	-89375.	-53.678	25.466	3.676	65958.	-10213.
120.361	-89375.	-42.921	25.466	2.841	65958.	-10213.
120.362	-89375.	-42.921	25.466	2.841	65958.	-10213.
197.900	-76697.	-36.480	24.486	2.460	63420.	-7512.
263.800	-68849.	-31.746	23.404	2.193	60619.	-5537.
329.800	-60336.	-27.557	22.533	1.900	58362.	-4401.
395.752	-54888.	-23.759	21.638	1.629	56045.	-3532.
469.886	-49860.	-19.919	20.617	1.354	53400.	-2780.
469.887	-49860.	-19.918	20.617	1.354	53400.	-2780.
481.239	-48861.	-19.329	20.460	1.312	52994.	-2664.
481.260	-48861.	-19.329	20.460	1.312	52994.	-2664.
492.632	-48179.	-18.789	20.307	1.273	52596.	-2574.
492.633	-48179.	-18.789	20.307	1.273	52596.	-2574.
527.700	-46075.	-17.125	19.833	1.154	51369.	-2298.
577.275	-44867.	-14.889	19.509	.989	50529.	-2122.
577.276	-44867.	-14.889	19.509	.989	50529.	-2122.
659.600	-41792.	-11.263	18.553	.716	48055.	-1832.
738.919	-34999.	-8.253	16.245	.514	42076.	-1212.
738.920	-34998.	-8.253	16.245	.514	42075.	-1212.
748.918	-34142.	-7.874	15.954	.489	41322.	-1134.
748.919	-34142.	-7.874	15.954	.489	41322.	-1134.
758.917	-33057.	-7.549	15.664	.466	40571.	-1074.
758.918	-33057.	-7.549	15.664	.466	40571.	-1074.
791.504	-30797.	-6.491	14.719	.394	38123.	-879.
857.500	-25985.	-4.617	12.828	.266	33226.	-571.
923.400	-21223.	-3.049	10.800	.165	27989.	-319.
989.400	-15803.	-1.827	8.310	.095	21524.	-102.
1055.300	-10909.	-.947	5.916	.045	15322.	22.
1121.300	-6560.	-.373	3.660	.014	9479.	67.
1184.300	-4568.	-.189	2.583	.005	6690.	65.
1187.256	-2691.	-.069	1.541	.000	3992.	48.
1220.200	-926.	-.009	.536	-.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 1. ERTIA LOADS	PAGE NO. **3.2- 410
CHECKED **	*		MODEL *****0-5A
APPROVED *	*	*** FUEL ***	REPORT NO. *IG1US54-12-
DATE *****11/02/65*			CASE ID *** F10502

FUEL WT. 19075.0 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. 205.000

TANK	1	2	3	4	5	6	7	8
WT.	21794.5	21125.0	.0	.0	21125.0	22256.0	1768.0	1300.5

STA.	MYTDD	MYTDD	MYTDD	MYTDD	MYTDD	MYTDD
.000	52.713	-25.175	3.856	-5.623	-139031.	-110.668
120.361	44.774	-25.270	2.627	-5.007	-139031.	-94.029
120.362	44.774	-25.270	2.627	-5.007	-139031.	-94.029
197.940	39.764	-25.053	1.939	-4.433	-133800.	-63.455
263.800	35.675	-24.724	1.508	-3.927	-127901.	-74.828
329.800	31.748	-24.422	1.182	-3.482	-122913.	-66.568
395.752	27.977	-24.045	.921	-3.057	-117778.	-58.642
469.886	23.941	-23.527	.691	-2.608	-111875.	-50.173
469.887	23.941	-23.527	.691	-2.608	-111875.	-50.173
481.259	23.322	-23.448	.656	-2.539	-110970.	-48.874
481.260	23.322	-23.448	.656	-2.539	-110970.	-48.874
492.632	22.729	-23.359	.628	-2.474	-110078.	-47.634
492.633	22.729	-23.359	.628	-2.474	-110078.	-47.634
527.700	20.899	-23.084	.541	-2.276	-107329.	-43.810
577.275	18.362	-22.893	.433	-2.044	-105380.	-38.504
577.276	18.362	-22.893	.433	-2.044	-105380.	-38.504
659.800	14.266	-22.078	.264	-1.637	-100571.	-29.987
738.919	10.728	-20.022	.145	-1.179	-88184.	-22.500
738.920	10.728	-20.022	.145	-1.179	-88184.	-22.500
748.918	10.282	-19.763	.130	-1.121	-86822.	-21.624
748.919	10.282	-19.763	.130	-1.121	-86822.	-21.624
758.917	9.885	-19.483	.120	-1.071	-85055.	-20.791
758.918	9.885	-19.483	.120	-1.071	-85055.	-20.791
791.504	8.590	-18.572	.087	-.908	-79947.	-18.076
857.500	6.238	-16.632	.039	-.622	-69672.	-13.136
923.400	4.203	-14.394	.009	-.380	-58657.	-8.675
989.400	2.571	-11.399	-.005	-.182	-45228.	-5.441
1055.000	1.359	-8.340	-.008	-.051	-32272.	-2.632
1121.000	.546	-5.306	-.005	.017	-20017.	-1.157
1154.000	.279	-3.794	-.003	.029	-14144.	-.591
1187.256	.102	-2.292	-.001	.027	-8451.	-.217
1220.200	.013	-.807	-.000	.013	-2942.	-.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. **3.2-411
CHECKED **	*		MODEL ****0-5A
APPROVED *	*	*** FUEL ***	REPORT NO. 4G1US54-12-1
DATE *****11/05/00*			CASE ID *** F10502

FUEL WT. 49375.0 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.	21794.3	21125.0	.0	.0	21125.0	22256.0	1768.0	1306.5

STA.	MYPD	MZPD	MXPS	MXPSID0	MYPSID0	MZPSID0
.000	52.713	1.838	11.852	-3.784	-7.996	-136.250
120.361	52.713	1.838	9.325	-3.168	-6.698	-119.516
120.362	52.713	1.838	9.325	-3.168	-6.698	-119.515
197.900	52.315	1.624	7.865	-2.809	-5.927	-108.633
263.800	51.666	1.405	6.825	-2.522	-5.317	-99.711
329.800	50.995	1.253	5.881	-2.229	-4.699	-91.114
395.752	50.157	1.108	5.026	-1.948	-4.105	-82.781
469.086	49.003	.959	4.166	-1.648	-3.475	-73.768
469.887	49.003	.959	4.166	-1.648	-3.475	-73.768
481.259	48.826	.936	4.034	-1.602	-3.378	-72.386
481.260	48.826	.936	4.034	-1.602	-3.378	-72.386
492.632	48.625	.916	3.913	-1.558	-3.266	-71.053
492.633	48.625	.916	3.913	-1.558	-3.266	-71.053
527.700	48.607	.853	3.542	-1.423	-3.002	-66.944
577.275	47.551	.812	3.038	-1.233	-2.605	-61.493
577.276	47.551	.812	3.038	-1.232	-2.605	-61.493
659.000	46.963	.715	2.218	-.922	-1.954	-52.077
738.919	41.759	.501	1.581	-.678	-1.436	-42.585
738.920	41.758	.501	1.581	-.678	-1.436	-42.584
748.916	41.228	.474	1.501	-.647	-1.371	-41.368
748.918	41.228	.474	1.501	-.647	-1.371	-41.365
758.917	40.650	.452	1.433	-.619	-1.312	-40.274
758.918	40.650	.452	1.433	-.619	-1.312	-40.274
791.504	38.765	.370	1.209	-.530	-1.122	-36.645
857.500	34.729	.256	.814	-.366	-.774	-29.762
923.400	30.046	.148	.502	-.232	-.493	-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	-.038	.039	-.021	-.045	-6.462
1154.300	6.000	-.037	.013	-.008	-.016	-4.384
1187.256	4.841	-.028	-.001	-.000	-.001	-2.509
1220.200	1.700	-.012	-.003	.001	.003	-.635
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. **3.2-4/2
CHECKED **	*		MODEL *****C-5A
APPROVED *	*	*** FUEL ***	REPORT NO. *IG1US54-12-
DATE *****11/06/68*			PAGE ID *** F10502

FUEL WT. 69375.0 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	21125.0	.0	.0	21125.0	22256.0	1768.0	1306.5

STA.	MZPSICS	MXGP	MYPP	MZPO
.000	.000	-111.075	25.582	85.493
120.361	7.939	-94.245	25.486	66.759
120.362	7.939	-94.245	25.486	68.759
197.900	12.551	-63.630	25.228	58.402
263.600	15.991	-74.987	24.883	50.104
329.600	19.248	-66.692	24.546	42.146
395.752	22.180	-58.736	24.139	34.597
469.886	25.062	-50.241	23.595	26.546
469.887	25.062	-50.241	23.595	26.546
481.259	25.504	-48.938	23.512	25.426
481.260	25.504	-48.938	23.512	25.426
492.632	25.697	-47.694	23.419	24.275
492.633	25.697	-47.694	23.419	24.275
527.700	27.108	-43.860	23.134	20.726
577.275	29.169	-38.600	22.929	15.671
577.276	29.169	-38.600	22.929	15.671
659.600	31.697	-29.999	22.890	7.909
738.919	31.031	-22.563	20.025	2.538
738.920	31.031	-22.562	20.025	2.538
748.918	30.947	-21.625	19.764	1.861
748.919	30.947	-21.625	19.764	1.861
758.917	30.765	-20.791	19.484	1.308
758.918	30.765	-20.791	19.484	1.308
791.504	30.175	-18.074	16.569	-.496
857.500	28.491	-13.131	16.626	-3.495
923.400	25.845	-8.868	14.387	-5.520
989.400	21.296	-5.435	11.394	-5.959
1055.300	16.169	-2.878	8.345	-5.467
1121.300	10.629	-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	.907	-.779
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- 4/3
CHECKED **	*		MODEL *****C-5A..
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. *IG1US54-12-1
DATE *****11/05/68*			CASE ID *** FI0502

FUEL WT. 39075.0 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. 265.000

TALK	1	2	3	4	5	6	7	8
WT.	21794.3	21125.0	.0	.0	21125.0	22256.0	1760.0	1306.5

SIA.	SZMZ	MYNZ	MYNZ	MYNY	SZTOD	SXTOD
.000	-156850.	-39.834	42.518	8.157	110124.	-13506.
120.361	-150466.	-71.261	41.689	6.767	107978.	-12056.
120.362	-150466.	-71.260	41.689	6.767	107978.	-12056.
197.900	-133838.	-60.239	40.052	6.068	103739.	-8513.
263.800	-120958.	-51.841	38.433	5.547	99546.	-5929.
329.800	-110375.	-44.193	36.541	5.009	94645.	-4081.
395.752	-101893.	-37.211	34.929	4.518	90470.	-2692.
463.826	-93535.	-30.008	33.096	4.009	85721.	-1454.
469.837	-93535.	-30.008	33.096	4.009	85721.	-1454.
481.259	-92253.	-28.903	32.314	3.931	84992.	-1264.
481.260	-81342.	-28.935	31.867	2.957	82538.	-2434.
492.632	-80059.	-28.043	31.526	2.894	81655.	-2263.
492.633	-80059.	-28.043	31.526	2.894	81655.	-2263.
527.700	-76105.	-25.295	30.474	2.701	78929.	-1737.
577.275	-72666.	-21.619	29.537	2.442	76503.	-1288.
577.276	-72666.	-21.619	29.537	2.442	76503.	-1288.
659.600	-66802.	-15.826	27.468	2.024	71144.	-634.
738.919	-57282.	-10.951	24.243	1.696	62792.	233.
738.920	-57282.	-10.951	24.243	1.696	62792.	233.
748.918	-56107.	-10.337	23.337	1.654	61739.	342.
748.919	-45160.	-10.375	21.370	.648	55350.	-1490.
758.917	-43997.	-9.951	20.925	.620	54197.	-1406.
758.918	-43997.	-9.951	20.925	.620	54197.	-1406.
791.504	-40208.	-8.567	19.474	.529	50440.	-1113.
857.500	-33844.	-6.123	16.925	.365	43337.	-694.
923.700	-27421.	-4.106	14.131	.236	36600.	-355.
989.900	-20519.	-2.527	10.908	.142	28252.	-84.
1055.300	-14520.	-1.373	8.022	.074	20778.	63.
1121.300	-9164.	-.590	5.181	.030	13420.	120.
1154.300	-6657.	-.330	3.820	.016	9893.	115.
1187.256	-4365.	-.149	2.543	.006	6599.	94.
1220.290	-2132.	-.044	1.281	.002	3317.	57.
1253.200	-.332.	-.010	.212	.001	550.	12.
1286.200	-162.	-.003	.107	.000	276.	7.
1319.173	0.	.000	.000	.000	0.	0.

PREPARED *	UNIT INERTIA LOADS	PAGE NO. **3.2- 414
CHECKED **		MODEL *****0-5A
APPROVED *	*** KING (FUEL INCLUDED) ***	REPORT NO. 4G1054-12-
DATE *****1/09/08*		CASE ID *** F10502

FUEL WT. 39375.0 LB.	DENSITY 6.500 LB./GAL.	ATTITUDE -12.000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583 B.L. .000	W.L. 350.230
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	21125.0	.0	.0	21125.0	22256.0	1768.0	1306.5

STA.	MXTD	MYTD	MZTD	MYTDS	SZPD	MXPD
.000	81.423	-41.089	3.985	-9.388	-232678.	-175.857
120.361	68.275	-40.810	2.427	-8.197	-231478.	-147.982
120.362	68.275	-40.810	2.427	-8.197	-231478.	-147.982
197.900	69.671	-40.140	1.629	-7.251	-224626.	-130.294
263.800	53.372	-39.517	1.153	-6.448	-216919.	-115.733
329.800	46.962	-38.374	.820	-5.646	-208746.	-101.674
395.752	40.870	-37.458	.599	-4.934	-200822.	-88.182
469.686	34.368	-36.308	.450	-4.186	-191313.	-73.679
469.687	34.368	-36.308	.450	-4.186	-191312.	-73.679
481.259	33.370	-36.131	.427	-4.071	-189854.	-71.455
481.260	33.378	-36.677	.424	-3.954	-176336.	-71.362
492.632	32.462	-35.418	.401	-3.842	-174671.	-69.400
492.633	32.462	-35.418	.401	-3.842	-174670.	-69.400
527.700	29.639	-34.617	.329	-3.497	-169535.	-63.351
577.275	25.792	-33.913	.256	-3.095	-164644.	-55.633
577.276	25.792	-33.913	.256	-3.095	-164644.	-55.633
659.630	19.685	-32.097	.171	-2.824	-154778.	-41.631
738.919	14.394	-29.037	.157	-1.759	-137753.	-30.276
738.920	14.393	-29.037	.157	-1.759	-137753.	-30.276
748.918	13.729	-28.663	.155	-1.675	-135607.	-28.920
748.919	13.752	-28.914	.148	-1.502	-114471.	-28.696
758.917	13.225	-26.462	.136	-1.431	-112158.	-27.635
758.918	13.225	-26.462	.136	-1.431	-112158.	-27.635
791.504	11.509	-24.989	.094	-1.202	-104619.	-24.650
857.500	8.400	-22.303	.033	-.820	-91025.	-17.537
923.400	5.748	-19.110	-.001	-.498	-76219.	-12.075
989.400	3.615	-15.168	-.016	-.239	-59125.	-7.606
1055.300	2.007	-11.487	-.017	-.270	-43518.	-4.213
1121.300	.834	-7.633	-.011	.024	-28143.	-1.852
1154.300	.501	-5.708	-.007	.043	-20752.	-1.047
1187.256	.231	-3.875	-.004	.045	-13808.	-.479
1220.200	.070	-2.003	-.001	.031	-6851.	-.143
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- 415
CHECKED **	*		MODEL *****C-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO.** IG1US54-12-
DATE *****11/02/68*			CASE ID *** F10602

FUEL WT. 59375.0 LB.	DENSITY 6.500 LB./GAL.	ATTITUDE -12.000 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	S.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT.	21794.5	21125.0	.0	.0	21125.0	22256.0	1768.0	1306.5

STA.	MYPD	MZPD	MXPS	MXPSID0	MYPSID0	MZPSID0
.000	81.423	2.793	19.836	-6.596	-15.851	-216.558
120.361	81.271	2.602	16.120	-5.595	-13.693	-188.211
120.382	81.271	2.602	16.120	-5.595	-13.693	-188.211
197.900	88.601	2.241	14.015	-5.010	-12.386	-169.861
263.800	79.832	1.911	12.488	-4.538	-11.335	-154.634
329.800	78.176	1.569	11.107	-4.078	-10.287	-139.412
395.752	76.674	1.297	9.887	-3.637	-9.288	-124.994
469.886	74.593	1.020	8.673	-3.166	-8.223	-109.340
469.887	74.593	1.020	8.673	-3.166	-8.223	-109.340
481.259	74.273	.978	8.487	-3.094	-8.059	-106.938
481.260	73.100	1.089	7.276	-2.865	-6.852	-106.639
492.632	72.657	1.043	7.109	-2.799	-6.708	-104.416
492.653	72.657	1.043	7.109	-2.799	-6.708	-104.416
527.700	71.290	.899	6.594	-2.597	-6.264	-97.563
577.278	69.955	.776	5.917	-2.319	-5.861	-88.590
577.276	69.955	.776	5.917	-2.319	-5.861	-88.590
689.800	66.591	.548	4.354	-1.875	-4.883	-73.429
738.919	60.708	.244	4.038	-1.515	-3.882	-58.917
738.920	60.708	.244	4.038	-1.515	-3.882	-58.917
748.918	59.967	.206	3.936	-1.470	-3.781	-57.088
748.919	55.205	.631	1.986	-.870	-1.638	-55.594
758.917	54.319	.596	1.898	-.835	-1.763	-54.051
758.918	54.319	.596	1.898	-.835	-1.763	-54.051
791.504	51.432	.482	1.612	-.720	-1.519	-49.021
857.500	45.990	.312	1.108	-.509	-1.074	-39.368
923.400	39.544	.162	.708	-.335	-.709	-31.164
989.400	31.567	.034	.418	-.206	-.434	-22.756
1055.300	23.933	-.040	.215	-.110	-.232	-15.699
1121.300	15.932	-.069	.085	-.045	-.096	-9.432
1154.300	11.921	-.067	.043	-.024	-.051	-6.752
1187.256	8.065	-.055	.017	-.010	-.021	-4.351
1220.200	4.117	-.034	.005	-.003	-.006	-2.145
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- 4/6
CHECKED **	*		MODEL *****0-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. *IG1US54-12-
DATE *****1/03/68*			CASE ID *** F10502

FUEL WT. 19075.0 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	21125.0	.0	.0	21125.0	22256.1	1768.0	1306.5

STA.	MZPSIDS	LXGR	MYPR	MZPD
.000	.000	-175.469	40.701	134.768
120.361	12.996	-147.401	40.229	107.172
120.382	12.996	-147.401	40.229	107.172
197.900	20.530	-129.661	39.567	90.114
263.000	26.260	-115.117	38.901	76.216
329.800	31.214	-101.038	37.738	63.300
395.752	35.604	-87.536	36.812	50.724
469.886	40.225	-73.032	35.660	37.372
469.887	40.225	-73.032	35.660	37.371
481.259	40.903	-70.807	35.484	35.323
481.260	39.722	-70.962	35.277	35.685
492.632	40.195	-68.999	35.016	33.983
492.633	40.195	-68.999	35.016	33.983
527.700	41.651	-62.946	34.212	28.734
577.275	44.163	-54.677	33.507	21.169
577.276	44.163	-54.676	33.507	21.169
659.000	46.927	-41.423	31.598	9.325
733.919	46.315	-29.830	28.641	1.239
738.920	46.315	-29.830	28.641	1.239
746.918	46.237	-28.425	28.268	.157
746.919	41.453	-28.681	26.899	1.782
758.917	41.094	-27.589	26.446	1.143
758.918	41.094	-27.589	26.446	1.143
791.504	39.923	-24.032	24.971	-.939
857.000	37.590	-17.566	22.261	-4.716
923.400	33.796	-12.054	19.089	-7.035
989.400	27.953	-7.587	15.149	-7.562
1055.300	21.927	-4.212	11.481	-7.268
1121.300	13.048	-1.849	7.629	-5.780
1154.300	11.420	-1.045	5.705	-4.661
1187.250	7.835	-.478	3.871	-3.393
1220.200	4.047	-.143	2.002	-1.859
1253.200	.689	-.034	.353	-.319
1286.200	.357	-.011	.184	-.174
1319.175	.000	.000	.000	.000

PREPARED *	*	UNIT I ERTIA LOADS	PAGE NO. *3.2- 417
CHECKED **	*		MODEL *****C-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. LG1US54-12-1
DATE *****11/06/68*		SLEPT AXIS SYSTEM	CASE ID *** F10502

FUEL WT. 19375.0 LB.	DENSITY 6.500 LB./GAL.	ATTITUDE -12.000 DEG.
LOAD AXIS ORIGIN	F.S. 1136.583 B.L.	.000 W.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1136.583 B.L.	.000 W.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT.	21794.5	21125.0	.0	.0	21125.0	22256.0	1768.0	1300.5

STA.	SYNX	SYNY	MXIX	MYNX	MZIX	MZNY
.000	-148073.	-49367.	-2.507	7.742	89.834	-25.478
120.361	-142820.	-47358.	-2.130	6.423	71.261	-19.338
120.362	-142020.	-47358.	-2.130	6.423	71.260	-19.338
197.900	-127036.	-42124.	-1.910	5.759	60.239	-16.730
263.800	-114811.	-38070.	-1.746	5.265	51.841	-14.713
329.800	-104766.	-34739.	-1.577	4.754	44.193	-12.480
395.752	-96714.	-32069.	-1.422	4.288	37.211	-10.489
469.860	-88782.	-29439.	-1.262	3.806	30.003	-8.361
469.887	-88782.	-29439.	-1.262	3.806	30.003	-8.361
481.259	-87565.	-29036.	-1.237	3.732	28.903	-8.071
481.260	-77208.	-25601.	-.931	2.807	28.935	-10.050
492.632	-75990.	-25198.	-.911	2.747	28.043	-9.751
492.633	-75990.	-25198.	-.911	2.747	28.043	-9.751
527.700	-72237.	-23953.	-.850	2.564	25.295	-8.889
577.275	-66973.	-22871.	-.769	2.318	21.619	-7.733
577.276	-66728.	-28772.	-.967	2.243	21.619	-7.733
689.600	-61159.	-26371.	-.801	1.859	15.825	-5.120
738.919	-52001.	-22621.	-.671	1.557	10.951	-3.063
738.920	-52000.	-22631.	-.671	1.557	10.951	-3.063
748.913	-51522.	-22215.	-.655	1.519	10.337	-2.849
748.919	-41469.	-17881.	-.257	.595	10.375	-4.478
758.917	-40401.	-17420.	-.245	.569	9.951	-4.278
758.918	-40401.	-17420.	-.245	.569	9.951	-4.278
791.564	-36922.	-15920.	-.209	.485	8.567	-3.696
857.500	-31078.	-13400.	-.145	.335	6.123	-2.681
923.400	-25180.	-10857.	-.093	.216	4.106	-1.811
969.400	-18842.	-8124.	-.056	.130	2.527	-1.105
1055.300	-13425.	-5789.	-.029	.068	1.373	-.622
1121.300	-8415.	-3629.	-.012	.028	.590	-.282
1154.300	-6113.	-2636.	-.006	.014	.330	-.166
1187.250	-4008.	-1728.	-.003	.006	.149	-.090
1220.200	-1958.	-844.	-.001	.002	.044	-.050
1253.200	-305.	-131.	-.000	.001	.010	-.016
1286.200	-149.	-64.	-.000	.000	.003	-.009
1319.175	0.	0.	-.000	.000	-.000	-.000

PREPARED *	*	UNIT INERTIA LOADS	PAGE NO. **3.2- 4/8
CHECKED **	*		MODEL *****C-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. *IG1054-12-
DATE *****11/03/68*		SWCPT AXIS SYSTEM	CASE ID *** F10502

FUEL WT. 49375.0 LB.	DENSITY 6.500 LB./GAL.	ATTITUDE -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	21125.0	.0	.0	21125.0	22256.0	1763.0	1306.5

STA.	SZMZ	NYMZ	MYNZ	SXT00	SYT00	SZT00
.000	-156850.	-93.238	-4.091	-12619.	-4251.	110124.
120.361	-156466.	-73.725	-4.073	-11443.	-3794.	107978.
120.362	-156466.	-73.725	-4.073	-11443.	-3794.	107978.
157.900	-133633.	-52.443	-3.080	-8030.	-2679.	103739.
263.800	-120958.	-53.837	-2.352	-5627.	-1866.	99546.
329.600	-110375.	-45.875	-2.063	-3674.	-1285.	94645.
395.752	-101893.	-38.621	-1.756	-2555.	-847.	90470.
469.886	-93535.	-31.114	-1.509	-1380.	-458.	85721.
469.887	-93535.	-31.114	-1.509	-1380.	-458.	85721.
481.259	-92253.	-29.974	-1.436	-1199.	-390.	84992.
481.260	-81542.	-30.628	.432	-2310.	-766.	82538.
492.632	-80059.	-29.687	.429	-2148.	-712.	81655.
492.633	-80059.	-29.687	.429	-2148.	-712.	81655.
527.700	-76105.	-26.807	.476	-1649.	-547.	78929.
577.275	-72566.	-22.954	.536	-1222.	-405.	76503.
577.276	-72566.	-22.914	-1.459	-1183.	-510.	76503.
659.600	-66902.	-16.560	-1.565	-532.	-251.	71144.
736.919	-57282.	-11.269	-1.523	214.	92.	62792.
736.920	-57282.	-11.269	-1.523	214.	92.	62792.
748.915	-56107.	-10.620	-1.476	314.	135.	61739.
748.919	-45180.	-11.300	.004	-1373.	-592.	55350.
758.917	-43997.	-10.831	-.012	-1291.	-557.	54197.
758.918	-43997.	-10.831	-.012	-1291.	-557.	54197.
791.504	-40208.	-9.331	.001	-1022.	-441.	50440.
857.500	-33844.	-6.634	.037	-637.	-275.	43337.
923.400	-27421.	-4.468	.037	-326.	-141.	36600.
969.400	-20519.	-2.758	.014	-77.	-33.	28252.
1055.300	-14620.	-1.507	.028	60.	26.	20773.
1121.300	-9184.	-.653	.025	110.	47.	13420.
1154.300	-6057.	-.368	.022	106.	46.	9693.
1187.256	-4365.	-.173	.024	87.	37.	6599.
1220.200	-2132.	-.060	.028	52.	23.	3317.
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- 4/9
CHECKED **	*		MODEL *****0-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. *IG1US54-12-
DATE *****11/06/68*		SWEPT AXIS SYSTEM	CASE ID *** F10502

FUEL WT. 39375.0 LB.	DENSITY 6.500 LB./GAL.	ALTITUDE -12.000 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.	21794.5	21125.0	.0	.0	21125.0	22256.0	1768.0	1306.5

SFA.	MXTOD	MYTOD	MZTOD	SXITDS	SYTDS	SZTDS
.000	86.452	-2.013	3.935	104528.	34660.	13506.
120.361	72.601	-2.023	2.427	102490.	33985.	12056.
120.362	72.601	-2.023	2.427	102490.	33985.	12056.
197.900	63.975	-2.073	1.629	98466.	32650.	8513.
263.600	56.953	-2.131	1.153	94487.	31331.	5929.
329.600	50.160	-2.060	.820	89235.	29786.	4081.
395.732	43.753	-2.003	.599	85872.	28474.	2692.
469.386	36.914	-2.129	.450	81364.	26980.	1454.
469.387	36.914	-2.129	.450	81364.	26980.	1454.
481.259	35.671	-2.155	.427	80673.	26750.	1264.
481.260	35.943	-2.346	.424	78344.	25978.	2434.
492.632	34.970	-2.320	.401	77505.	25700.	2263.
492.633	34.969	-2.320	.401	77505.	25700.	2263.
527.700	31.982	-2.281	.329	74918.	24842.	1737.
577.275	27.930	-2.284	.256	72615.	24078.	1288.
577.276	28.023	.149	.256	70250.	26291.	1288.
659.600	21.278	.317	.171	65330.	28159.	634.
738.919	15.522	.355	.157	57560.	24862.	-233.
738.920	15.522	.355	.157	57560.	24862.	-233.
748.918	14.812	.322	.155	56693.	24445.	-342.
748.919	15.087	-.257	.148	50827.	21916.	1495.
758.917	14.502	-.232	.136	49768.	21459.	1406.
758.918	14.502	-.232	.136	49768.	21459.	1406.
791.504	12.626	-.214	.094	46317.	19971.	1113.
857.500	9.239	-.212	.053	40254.	17357.	694.
923.400	6.334	-.172	-.001	33609.	14492.	355.
989.400	3.961	-.103	-.016	25943.	11186.	84.
1055.300	2.227	-.096	-.017	19080.	8227.	-65.
1121.300	.993	-.070	-.011	12323.	5314.	-120.
1154.300	.570	-.057	-.007	9095.	3917.	-115.
1157.256	.274	-.053	-.004	6060.	2613.	-94.
1220.200	.099	-.053	-.001	3046.	1313.	-57.
1253.200	.027	-.019	-.000	505.	210.	-12.
1256.200	.011	-.013	-.000	255.	110.	-7.
1319.173	-.000	.000	.000	0.	0.	-0.

PREPARED *	*	UNIT INERTIA LOADS	PAGE NO. *3.2-420
CHECKED **	*		MODEL *****0-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. 1G1US54-12-1
DATE *****1/30/63*		SICPT AXIS SYSTEM	CASE ID *** F10302

FUEL WT. 29375.0 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

TANK	1	2	3	4	5	6	7	8
WT.	21794.5	21125.0	.0	.0	21125.0	22256.0	1768.0	1306.5

STA.	AXTOS	MYTOS	MZTOS	SZPO	MAXPO	MYPO
.000	6.275	-6.254	-81.423	-232673.	-184.591	-2.056
120.361	4.320	-5.316	-68.275	-231478.	-155.213	-2.072
120.362	4.320	-5.316	-68.275	-231473.	-155.213	-2.072
197.900	3.362	-4.961	-60.071	-224626.	-136.721	-1.657
263.600	2.753	-4.654	-53.372	-216919.	-121.526	-1.218
329.800	2.275	-4.257	-46.962	-208746.	-106.790	-.990
395.752	1.919	-3.832	-40.870	-200622.	-92.672	-.698
469.836	1.624	-3.467	-34.368	-191313.	-77.489	-.408
469.837	1.624	-3.467	-34.368	-191312.	-77.489	-.408
481.259	1.531	-3.408	-33.370	-139854.	-75.173	-.325
481.260	1.441	-3.000	-33.378	-176336.	-75.867	2.632
492.032	1.396	-2.936	-32.462	-174671.	-73.789	2.028
492.033	1.396	-2.936	-32.462	-174670.	-73.788	2.028
527.700	1.253	-2.748	-29.639	-169835.	-67.435	2.039
577.275	1.095	-2.490	-25.792	-164644.	-58.762	2.172
577.276	1.107	-2.336	-25.792	-164644.	-58.719	-2.936
659.600	1.032	-1.952	-19.665	-154776.	-44.216	-3.104
738.919	.874	-1.632	-14.394	-137753.	-31.672	-3.013
738.920	.874	-1.632	-14.393	-137753.	-31.672	-3.013
748.918	.656	-1.594	-13.729	-135607.	-30.124	-2.925
748.919	.509	-.807	-13.752	-114471.	-31.264	.011
758.917	.481	-.772	-13.225	-112152.	-30.053	-.020
758.918	.431	-.772	-13.225	-112150.	-30.053	-.020
791.584	.589	-.606	-11.509	-104610.	-26.193	.007
857.500	.240	-.472	-8.400	-91025.	-19.190	.088
923.400	.133	-.311	-5.748	-76219.	-13.167	.035
989.400	.064	-.160	-3.615	-59125.	-8.299	.037
1055.300	.025	-.101	-2.007	-43516.	-4.529	.061
1121.300	.006	-.041	-.684	-28143.	-2.052	.080
1134.300	.001	-.022	-.501	-20750.	-1.170	.070
1167.256	-.000	-.009	-.231	-13808.	-.585	.077
1220.200	-.001	-.002	-.070	-6851.	-.196	.092
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- 421
CHECKED **		MODEL *****C-5A
APPROVED *	*** WING (FUEL INCLUDED) ***	REPORT NO. *IG1US54-12-
DATE *****11/06/68*	SHEPT AXIS SYSTEM	CASE ID *** F10502

FULL WT. 39375.0 LB.	DENSITY 6.500 LB./GAL.	ATTITUDE -12.000 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

TANK	1	2	3	4	5	6	7	8
WT.	21794.5	21125.0	.0	.0	21125.0	22256.0	1743.0	1306.5

STA.	MZPD	SYPS	SYPS	EXPS	MYES	MZPS
.000	1.325	-73235.	220853.	19.245	4.965	56.146
120.561	.811	-72855.	219714.	15.556	4.304	46.886
120.562	.811	-72855.	219714.	15.556	4.304	46.886
157.900	.757	-70696.	213210.	13.541	3.692	41.458
263.800	.748	-68273.	205895.	12.089	3.220	37.093
329.800	.679	-65700.	198137.	10.756	2.852	32.671
395.752	.651	-63256.	190616.	9.590	2.494	28.504
469.806	.636	-60213.	181590.	8.432	2.126	24.001
469.807	.636	-60213.	181590.	8.432	2.126	24.001
481.259	.639	-59754.	180205.	8.256	2.065	23.352
481.260	.437	-55580.	167374.	7.044	1.876	25.804
492.632	.427	-54975.	165794.	6.882	1.832	25.149
492.633	.427	-54975.	165793.	6.882	1.832	25.149
527.700	.406	-53359.	160919.	6.387	1.690	23.207
577.275	.389	-51820.	156277.	5.739	1.495	20.553
577.276	.389	-55190.	151188.	5.588	1.925	20.553
659.600	.335	-61283.	142127.	4.590	1.614	14.657
738.919	.330	-54543.	126495.	3.339	1.296	9.774
738.920	.330	-54543.	126495.	3.339	1.296	9.774
748.918	.333	-53693.	124525.	3.746	1.252	9.241
748.919	.072	-45324.	105116.	1.852	.720	12.585
758.917	.065	-44409.	102992.	1.769	.692	11.581
758.918	.065	-44409.	102992.	1.769	.692	11.581
791.504	.045	-41423.	98069.	1.499	.587	10.377
857.500	.020	-36041.	83586.	1.025	.421	7.679
923.400	.003	-30178.	69990.	.652	.275	5.300
989.400	-.006	-23411.	54293.	.382	.171	3.520
1055.300	-.007	-17230.	39959.	.195	.061	1.907
1121.300	-.005	-11143.	25843.	.076	.033	.586
1154.300	-.004	-6219.	19062.	.038	.020	.528
1187.250	-.002	-5467.	12680.	.015	.009	.290
1220.200	-.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. 3.2- 422	
CHECKED **	*					MODEL *** C-5A	
APPROVED *	*	*** WING (FUEL INCLUDED) ***				REPORT NO. IG1US54-12-1	
DATE *** 11/02/68*		SASPT AXIS SYSTEM				CASE ID *** F10502	
FUEL WT. 89575.0 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. 265.000			
TANK 1	2	3	4	5	6	7	8
WT. 21794.5	21125.0	.0	.0	21125.0	22256.0	1766.0	1306.5
STA.	SXPSIDD	SYPSIDD	MXPSIDD	MYPSIDD	MZPSIDD	MZPSIDS	
.000	255514.	66052.	-1.271	-17.121	-204.595	-25.277	
120.361	253699.	64296.	-1.001	-14.758	-172.171	-21.389	
120.362	253699.	64298.	-1.001	-14.758	-172.171	-21.389	
197.900	245861.	76779.	-.857	-13.333	-151.784	-18.613	
263.800	237226.	73900.	-.740	-12.187	-135.113	-16.279	
329.800	227926.	69574.	-.633	-11.048	-116.781	-14.291	
395.752	219091.	65762.	-.529	-9.961	-103.294	-12.366	
469.866	208569.	61593.	-.417	-8.801	-86.672	-10.367	
469.887	208569.	61593.	-.417	-8.801	-86.671	-10.367	
481.259	206955.	60954.	-.400	-8.623	-84.142	-10.019	
481.260	193352.	57810.	-.562	-7.405	-84.561	-7.574	
492.632	191493.	57123.	-.546	-7.248	-82.267	-7.313	
492.633	191493.	57123.	-.546	-7.248	-82.267	-7.313	
527.700	185761.	35008.	-.494	-6.764	-75.178	-6.431	
577.275	169355.	53042.	-.419	-6.193	-65.635	-5.239	
577.276	161479.	66373.	.112	-6.117	-65.635	-5.239	
659.600	170296.	61865.	.132	-5.943	-49.557	-5.008	
738.919	151357.	54329.	.146	-4.164	-35.760	-4.619	
738.920	151357.	54329.	.146	-4.164	-35.760	-4.619	
748.916	148970.	55379.	.147	-4.154	-33.994	-4.488	
748.919	127032.	46698.	-.072	-2.032	-34.390	-1.367	
758.917	124451.	45699.	-.069	-1.949	-33.544	-1.344	
758.916	124451.	45699.	-.069	-1.949	-33.544	-1.344	
791.504	116040.	42445.	-.060	-1.680	-29.227	-1.132	
857.500	100943.	36678.	-.042	-1.198	-21.418	-.720	
923.406	84481.	30504.	-.027	-.784	-14.720	-.448	
989.400	65480.	23487.	-.017	-.480	-9.253	-.295	
1055.300	48186.	17170.	-.009	-.256	-5.122	-.100	
1121.300	31157.	11933.	-.004	-.106	-2.307	.002	
1154.300	22979.	8113.	-.002	-.056	-1.322	.027	
1187.200	15293.	5381.	-.001	-.023	-.635	.060	
1220.200	7605.	2661.	-.000	-.007	-.200	.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 INERTIA LOADS	PAGE NO. **3-2-423
CHECKED **	*		MODEL *****C-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. * IG1054-12-
DATE *****11/06/68*		SWEPT AXIS SYSTEM	CASE ID *** F10502

FUEL WT. 19075.0 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. 265.000

TANK	1	2	3	4	5	6	7	8
WT.	21794.6	21125.0	.0	.0	21125.0	22256.0	1766.0	1306.5

STA.	MXQR	MYQR	MXPR	MYPR	SXPR	SYPR
.000	-184.223	-1.934	-86.330	1.651	-186193.	-177760.
120.501	-154.667	-1.899	-72.418	1.471	-185729.	-175345.
120.502	-154.667	-1.889	-72.418	1.471	-185729.	-175345.
197.000	-130.139	-1.464	-63.702	1.491	-180560.	-169165.
263.800	-120.941	-1.024	-56.759	1.596	-174565.	-162759.
329.000	-106.186	-.790	-49.960	1.456	-168349.	-155535.
395.752	-92.099	-.495	-43.550	1.420	-162142.	-149079.
469.886	-76.875	-.205	-36.710	1.515	-154610.	-141578.
469.887	-76.874	-.205	-36.710	1.515	-154610.	-141577.
481.259	-74.558	-.121	-35.668	1.540	-153455.	-140427.
481.260	-75.477	2.150	-35.817	1.966	-141396.	-133843.
492.032	-73.408	2.154	-34.843	1.939	-140094.	-132480.
492.033	-73.407	2.154	-34.843	1.939	-140094.	-132480.
527.700	-67.052	2.216	-31.855	1.897	-136077.	-128277.
577.275	-58.367	2.300	-27.802	1.898	-132196.	-124434.
577.276	-58.346	-2.775	-27.362	-.522	-120897.	-135440.
659.000	-43.841	-2.942	-21.116	-.692	-113957.	-126813.
738.919	-31.303	-2.856	-15.365	-.719	-101633.	-112203.
738.920	-31.308	-2.856	-15.365	-.719	-101633.	-112203.
743.918	-29.761	-2.769	-14.656	-.685	-100079.	-110387.
748.919	-31.241	.017	-15.081	.243	-83200.	-96151.
753.917	-30.039	-.014	-14.496	.217	-81533.	-94177.
758.918	-30.039	-.014	-14.496	.217	-81533.	-94176.
791.504	-26.177	.014	-12.616	.197	-76097.	-87741.
857.500	-19.171	.097	-9.230	.192	-66229.	-76295.
923.400	-13.167	.094	-6.325	.153	-55498.	-63787.
989.400	-8.282	.044	-3.974	.086	-43107.	-49354.
1055.300	-4.623	.084	-2.224	.090	-31732.	-36309.
1121.300	-2.049	.032	-.992	.067	-20529.	-23407.
1154.300	-1.168	.071	-.569	.055	-15144.	-17304.
1187.256	-.534	.077	-.273	.052	-10067.	-11527.
1220.200	-.195	.092	-.099	.052	-4972.	-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. ***3.2-424		
CHECKED **	*					MODEL *****C-5A		
APPROVED *	*	*** WING (FUEL INCLUDED) ***				REPORT NO. AG10S54-12-		
DATE *****11/06/68*		SWEPT AXIS SYSTEM				CASE ID *** F10602		
FUEL WT. 39075.0 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	21125.0	.0	.0	21125.0	22256.1	1708.0	1308.5	
STA.	MAPQ	HYPQ	MZPQ					
.000	-11.249	12.970	146.731					
120.361	-9.620	11.236	123.212					
120.362	-9.620	11.236	123.212					
197.900	-8.654	10.179	108.191					
263.000	-7.675	9.330	95.738					
329.000	-7.108	8.481	83.932					
395.752	-6.376	7.671	72.424					
469.080	-5.593	6.808	60.040					
469.367	-5.593	6.808	60.040					
481.259	-5.473	6.676	58.119					
481.260	-4.876	5.602	57.323					
492.632	-4.768	5.486	56.192					
492.633	-4.768	5.486	56.192					
527.700	-4.437	5.129	51.119					
577.275	-3.983	4.644	44.124					
577.276	-4.371	4.280	44.124					
659.080	-3.576	3.558	33.397					
738.919	-2.928	2.965	24.456					
738.920	-2.928	2.965	24.456					
748.918	-2.847	2.890	23.251					
748.919	-1.527	1.343	22.486					
758.917	-1.465	1.288	21.650					
758.918	-1.465	1.288	21.650					
791.504	-1.262	1.109	13.055					
857.500	-.892	.785	13.734					
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	-.013	.015	.322					
1220.200	-.005	.004	.055					
1253.200	-.002	.002	.006					
1286.200	-.001	.001	-.000					
1319.170	.000	-.000	.000					

PREPARED *	*	UNIT INERTIA LOADS	PAGE NO. **3.2-425
CHECKED **	*		MODEL *****0-5A
APPROVED *	*	*** FUEL ***	REPORT NO. *IG1US54-12-112-11
DATE *****11/03/68*			CASE ID *** F10503

FUEL WT. -9375.0 LB.	DENSITY 6.500 LB./GAL.	ALTITUDE .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.	21794.5	21125.0	.0	.0	21125.0	22256.0	1763.0	1306.5

STA.	SZ02	MX02	MY02	MY03	SZT02	SXT02
.000	-89375.	-34.702	26.454	3.739	68518.	-9922.
120.561	-89375.	+3.945	26.454	2.954	68518.	-9922.
120.562	-89375.	-43.945	26.454	2.954	68518.	-9922.
197.980	-77249.	-37.472	25.461	2.545	65946.	-7391.
263.500	-66905.	-32.717	24.308	2.291	62959.	-5292.
329.600	-61347.	-28.483	23.616	1.972	61162.	-4449.
395.792	-57115.	-24.556	22.807	1.674	59071.	-3732.
469.886	-51324.	-20.563	21.531	1.395	56027.	-2865.
469.887	-51324.	-20.563	21.631	1.395	56027.	-2385.
481.259	-50435.	-19.950	21.451	1.353	55559.	-2755.
481.260	-50435.	-19.950	21.451	1.353	55559.	-2755.
492.632	-49499.	-19.397	21.235	1.319	54999.	-2622.
492.633	-49498.	-19.397	21.235	1.318	54999.	-2622.
527.700	-46609.	-17.693	20.567	1.210	53271.	-2213.
577.275	-44067.	-15.450	20.109	1.056	52035.	-1948.
577.276	-44067.	-15.450	20.109	1.056	52035.	-1948.
659.600	-42325.	-11.809	19.464	.769	50413.	-1766.
738.919	-37405.	-8.638	17.519	.528	45375.	-1348.
738.920	-37405.	-8.638	17.519	.528	45375.	-1348.
748.918	-36722.	-8.238	17.273	.497	44740.	-1293.
748.919	-36722.	-8.238	17.273	.497	44740.	-1293.
758.917	-35865.	-7.888	16.943	.473	43884.	-1229.
758.918	-35865.	-7.888	16.943	.473	43884.	-1229.
791.594	-33072.	-6.749	15.867	.394	41096.	-1021.
857.590	-28680.	-4.770	13.251	.274	34320.	-582.
923.430	-21739.	-3.135	11.148	.173	28676.	-317.
989.450	-16040.	-1.912	8.779	.092	22737.	-127.
1055.500	-11434.	-.987	6.217	.043	16103.	11.
1121.500	-.833.	-.337	3.324	.013	9904.	64.
1154.500	-.4747.	-.195	2.690	.004	6967.	64.
1167.250	-2767.	-.071	1.600	-.000	4143.	49.
1220.200	-.955.	-.009	.554	-.001	1435.	20.
1253.200	0.	.000	.000	.000	0.	0.
1265.200	0.	.000	.000	.000	0.	0.
1319.173	0.	.000	.000	.000	0.	0.

PREPARED *	UNIT INERTIA LOADS	PAGE NO. **3.2-426
CHECKED **		MODEL *****C-5A
APPROVED *	*** FUEL ***	REPORT NO. *IG1US54-12-
DATE *****11/08/68*		CASE ID *** FI0583

FUEL WT. 89375.0 LB.	DENSITY 6.500 LB./GAL.	ALTITUDE .000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583 B.L.	.000 W.L. 350.200
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	21125.0	.0	.0	21125.0	22256.0	1768.0	1300.0

STA.	MXIDD	MYTDD	MZTDD	MYTDS	SZPD	MXPD
.000	55.118	-26.735	3.810	-5.841	-141683.	-113.972
120.361	46.871	-26.828	2.615	-5.201	-141683.	-97.012
120.362	46.871	-26.828	2.615	-5.201	-141683.	-97.012
197.900	41.662	-26.604	1.941	-4.609	-136652.	-86.227
263.800	37.411	-26.244	1.523	-4.078	-130454.	-77.410
329.800	33.317	-26.006	1.205	-3.649	-126604.	-68.901
395.752	29.352	-25.655	.935	-3.222	-122147.	-60.739
469.880	25.104	-25.037	.693	-2.736	-115552.	-51.992
469.887	25.104	-25.037	.693	-2.736	-115552.	-51.992
481.239	24.452	-24.942	.656	-2.662	-114540.	-50.645
481.260	24.452	-24.942	.656	-2.662	-114540.	-50.645
492.032	23.832	-24.812	.628	-2.588	-113314.	-49.370
492.033	23.832	-24.812	.628	-2.588	-113314.	-49.370
527.700	21.923	-24.410	.540	-2.360	-109531.	-45.439
577.275	19.324	-24.130	.440	-2.107	-106834.	-40.109
577.270	19.324	-24.130	.440	-2.107	-106834.	-40.109
659.000	15.069	-23.556	.283	-1.717	-103750.	-31.388
738.919	11.284	-21.730	.159	-1.270	-93821.	-23.571
738.920	11.284	-21.730	.159	-1.270	-93821.	-23.571
748.918	10.807	-21.500	.143	-1.214	-92569.	-22.586
748.919	10.807	-21.500	.143	-1.214	-92568.	-22.585
758.917	10.377	-21.167	.132	-1.159	-90857.	-21.695
758.918	10.377	-21.167	.132	-1.159	-90857.	-21.695
791.504	8.976	-20.082	.094	-.979	-85279.	-18.793
857.500	6.482	-17.292	.040	-.642	-71567.	-13.596
923.400	4.406	-14.950	.012	-.393	-60241.	-9.270
989.400	2.698	-12.080	-.003	-.193	-47596.	-5.692
1055.300	1.420	-8.799	-.007	-.054	-33810.	-3.004
1121.300	.568	-5.557	-.005	.017	-20861.	-1.202
1154.300	.289	-3.960	-.003	.030	-14698.	-.613
1187.256	.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 INERTIA LOADS	PAGE NO. **3.2-427
CHECKED **	*		MODEL *****C-5A
APPROVED *	*	*** FUEL ***	REPORT NO. **IG1054-12-
DATE *****11/02/68*			CASE ID *** F10503

FUEL WT. 89375.0 LB.	DENSITY 6.500 LB./GAL.	ATTITUDE .000 DEG.
LOAD AXIS ORIGIN	F.S. 1176.583 B.L.	.000 W.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1176.583 B.L.	.000 A.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT.	21794.5	21125.0	.0	.0	21125.0	22256.0	1768.0	1306.5

SFA.	MYPD	MZPD	MXPS	MXPSIND	MYPSSIND	MZPSSIND
.000	55.118	1.848	12.078	-3.994	-8.269	-141.125
120.361	55.118	1.848	9.561	-3.354	-6.946	-124.073
120.362	55.118	1.848	9.561	-3.354	-6.946	-124.073
197.900	54.713	1.638	8.088	-2.971	-6.147	-113.010
263.800	54.020	1.404	7.055	-2.675	-5.532	-103.834
329.800	53.490	1.290	6.085	-2.359	-4.880	-95.097
395.752	52.730	1.167	5.185	-2.055	-4.250	-86.516
469.886	51.395	.994	4.297	-1.742	-3.604	-77.095
469.887	51.395	.994	4.297	-1.742	-3.604	-77.095
481.259	51.190	.968	4.161	-1.694	-3.505	-75.649
481.260	51.190	.968	4.161	-1.694	-3.505	-75.649
492.632	50.907	.937	4.044	-1.650	-3.417	-74.242
492.633	50.907	.937	4.044	-1.650	-3.417	-74.242
527.700	50.034	.843	3.684	-1.517	-3.144	-69.904
577.275	49.391	.780	3.197	-1.327	-2.757	-64.284
577.276	49.391	.780	3.197	-1.327	-2.757	-64.284
659.500	48.322	.723	2.356	-.994	-2.073	-54.965
738.919	44.762	.566	1.635	-.705	-1.476	-45.304
738.920	44.762	.566	1.635	-.705	-1.476	-45.304
748.918	44.313	.546	1.544	-.668	-1.400	-44.086
748.919	44.313	.546	1.544	-.668	-1.400	-44.086
758.917	43.654	.521	1.469	-.638	-1.337	-42.862
758.918	43.653	.521	1.469	-.638	-1.337	-42.862
791.504	41.504	.441	1.224	-.538	-1.130	-38.871
857.500	35.912	.261	.840	-.381	-.800	-30.883
923.400	31.069	.149	.526	-.244	-.514	-24.213
989.400	25.194	.060	.278	-.133	-.281	-17.786
1055.300	18.414	-.009	.126	-.063	-.133	-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	-2.608
1220.200	1.765	-.012	-.004	.002	.004	-.853
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 * CHECKED ** APPROVED * DATE *****11/08/68*	UNIT INERTIA LOADS *** FUEL ***	PAGE NO. **5.2-428 MODEL *****C-5A REPORT NO. *IG10S54-12-1 CASE ID *** FI0503
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FUEL WT. 89375.0 LB.	DENSITY 6.500 LB./GAL.	ATTITUDE .000 DEG.
LOAD AXIS ORIGIN. .	F.S. 1106.583 B.L.	.000 W.L. 350.200
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	21125.0	.0	.0	21125.0	22256.0	1768.0	1306.0

STA.	MZPSIDS	MXGR	MYPR	MZPG
.000	.000	-114.391	27.154	87.237
120.361	8.247	-97.245	27.061	70.184
120.362	8.247	-97.245	27.061	70.184
197.900	13.051	-86.406	26.783	59.623
263.800	16.609	-77.589	26.417	51.172
329.800	20.173	-69.091	26.136	42.955
395.752	23.378	-60.861	25.747	35.114
469.880	26.291	-52.058	25.103	26.955
469.887	26.291	-52.058	25.103	26.955
481.259	26.738	-50.707	25.004	25.703
481.260	26.738	-50.707	25.004	25.703
492.632	27.075	-49.430	24.872	24.558
492.633	27.075	-49.430	24.872	24.558
527.700	28.111	-45.494	24.465	21.029
577.275	30.067	-40.155	24.175	15.979
577.276	30.067	-40.155	24.175	15.979
659.000	33.252	-31.409	23.577	7.832
738.919	33.478	-23.574	21.733	1.841
738.920	33.478	-23.574	21.733	1.841
748.918	33.506	-22.587	21.501	1.086
748.919	33.506	-22.587	21.501	1.086
758.917	33.277	-21.695	21.167	.528
758.918	33.277	-21.695	21.167	.528
791.504	32.528	-18.789	20.078	-1.289
857.500	29.430	-13.591	17.287	-3.696
923.400	26.663	-9.264	14.944	-5.680
989.400	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
1187.256	4.919	-.224	2.383	-2.159
1220.200	1.751	-.028	.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 0. ***3.2-429
CHECKED **	*					MODEL *****C-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***				REPORT NO. *LG1US54-12-
DATE *****11/06/68*						PAGE ID *** F10503
FUEL WT. 89375.0 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.	285.000
TANK	1	2	3	4	5	6 7 8
WT. 21794.3	21125.0	.0	.0	21125.0	22256.0	1748.0 1306.5
SIA.	SZMZ	MXMZ	MYNZ	MYMY	SZTDC	SXTDC
.000	-156850.	-90.858	43.506	3.269	112688.	-13215.
120.361	-150466.	-72.284	42.678	6.880	110532.	-11765.
120.362	-150466.	-72.284	42.678	6.880	110532.	-11765.
197.900	-134090.	-61.231	41.027	6.153	106264.	-8392.
263.800	-121015.	-52.812	39.337	5.645	101886.	-5684.
329.800	-111887.	-45.119	37.624	5.080	97450.	-4130.
395.752	-104140.	-38.009	36.098	4.563	93496.	-2692.
469.866	-95199.	-30.652	34.110	4.051	88348.	-1559.
469.867	-95199.	-30.652	34.110	4.051	88348.	-1559.
481.289	-93827.	-29.523	33.805	3.972	87538.	-1354.
481.280	-82910.	-29.556	32.858	2.997	85104.	-2524.
492.632	-81379.	-28.651	32.454	2.939	84058.	-2311.
492.633	-81379.	-28.651	32.454	2.939	84058.	-2311.
527.700	-78639.	-25.863	31.202	2.757	80831.	-1653.
577.275	-72666.	-22.180	30.137	2.509	78052.	-1115.
577.276	-72666.	-22.180	30.137	2.509	78052.	-1115.
659.600	-67034.	-16.373	28.379	2.077	73500.	-539.
738.919	-59689.	-11.335	25.517	1.709	66092.	97.
738.920	-59689.	-11.335	25.517	1.709	66091.	97.
748.918	-58687.	-10.701	25.156	1.663	65157.	183.
748.919	-47739.	-10.739	22.690	.657	58762.	-1654.
758.917	-46505.	-10.290	22.204	.626	57511.	-1560.
758.918	-46505.	-10.290	22.204	.626	57511.	-1560.
791.504	-42422.	-8.026	20.622	.528	53413.	-1258.
857.500	-34519.	-6.276	17.348	.374	44932.	-704.
923.400	-27936.	-4.242	14.473	.244	37486.	-353.
989.400	-21356.	-2.612	11.376	.139	29465.	-163.
1055.300	-15144.	-1.413	8.324	.072	21559.	56.
1121.300	-9442.	-.804	5.345	.028	13645.	117.
1154.300	-6837.	-.337	3.927	.015	10171.	114.
1187.256	-4462.	-.151	2.606	.006	6750.	95.
1220.200	-2161.	-.044	1.298	.002	3363.	57.
1253.200	-352.	-.010	.212	.001	580.	12.
1286.200	-162.	-.003	.107	.000	276.	7.
1319.173	0.	.000	.000	.000	0.	0.

PREPARED *	*	UNIT INERTIA LOADS	PAGE NO. **3.2-430
CHECKED **	*		MODEL *****C-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. * IG10554-12-
DATE *****11/05/88*			CASE IS *** F10500

FUEL WT. 49375.0 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.	21794.8	21125.0	.0	.0	21125.0	22256.1	1768.0	1308.5

STA.	AXTOD	MYTOD	MZTOD	MYTDS	SZPDS	MXPDS
.000	83.828	-42.649	3.938	-9.606	-255330.	-179.161
120.361	75.372	-42.367	2.416	-8.391	-234130.	-150.965
120.362	70.372	-42.367	2.416	-8.391	-234130.	-150.964
197.900	61.968	-41.731	1.632	-7.427	-227470.	-133.066
263.800	55.109	-41.038	1.168	-6.600	-219472.	-118.322
329.800	48.532	-39.958	.843	-5.314	-212436.	-104.067
395.762	42.245	-39.069	.614	-5.099	-205191.	-90.309
469.836	35.839	-37.817	.452	-4.315	-194989.	-75.498
469.867	35.530	-37.817	.452	-4.315	-194989.	-75.498
481.259	34.500	-37.625	.428	-4.194	-193424.	-73.226
481.260	34.507	-37.171	.424	-4.077	-179906.	-73.134
492.632	33.566	-36.871	.401	-3.955	-177906.	-71.137
492.633	33.565	-36.871	.401	-3.955	-177906.	-71.137
527.720	32.663	-35.943	.329	-3.581	-171737.	-64.980
577.275	26.734	-35.150	.263	-3.158	-166090.	-56.823
577.276	26.734	-35.150	.263	-3.158	-166092.	-56.827
659.600	20.468	-33.485	.190	-2.504	-157958.	-43.232
738.919	14.950	-30.745	.170	-1.850	-143390.	-31.287
738.920	14.949	-30.745	.170	-1.850	-143390.	-31.287
748.918	14.254	-28.400	.168	-1.768	-141553.	-29.782
748.919	14.277	-28.651	.161	-1.595	-120418.	-29.657
768.917	13.718	-28.146	.147	-1.519	-117960.	-28.509
768.918	13.716	-28.146	.147	-1.519	-117960.	-28.509
791.584	11.895	-26.500	.100	-1.273	-109950.	-24.767
857.500	8.644	-22.963	.034	-.841	-92920.	-18.047
923.400	5.951	-19.666	.002	-.510	-77802.	-12.470
989.400	3.742	-15.849	-.014	-.250	-61493.	-7.358
1055.300	2.068	-11.937	-.016	-.072	-45054.	-4.340
1121.300	.906	-7.883	-.011	.024	-28987.	-1.897
1154.300	.512	-5.374	-.007	.044	-21312.	-1.069
1187.250	.234	-3.964	-.004	.046	-14112.	-.487
1220.200	.070	-2.031	-.001	.032	-6944.	-.144
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 *	*	UNIT I ERTIA LOADS	PAGE NO. **3.2- 43/
CHECKED **	*		MODEL *****0-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO.* LG1US54-12-
DATE *****1/08/68*			CASE ID *** F10503

FUEL WT. 49375.0 LB.	DENSITY 6.500 LB./GAL.	ALTITUDE 0.000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583	S.L. 0.000
ROTATIONAL AXIS ORIGIN	F.S. 1106.583	S.L. 0.000

1	2	3	4	5	6	7	8
WT. 21794.5	21125.0	.0	.0	21125.0	22256.0	1768.0	1306.5

STA.	MYPD	MZPD	MXPS	MXPSIDD	MYPSIDD	MZPSIDD
.000	83.828	2.802	20.062	-6.805	-18.125	-221.435
120.361	83.876	2.611	16.357	-5.780	-13.941	-192.768
120.362	83.876	2.611	16.357	-5.780	-13.941	-192.768
197.900	82.998	2.255	14.236	-5.172	-12.606	-174.188
263.800	81.987	1.909	12.718	-4.691	-11.550	-158.757
329.800	80.671	1.606	11.311	-4.208	-10.469	-143.395
395.782	79.247	1.356	10.046	-3.743	-9.433	-128.729
469.886	76.985	1.056	8.805	-3.259	-8.352	-112.660
469.887	76.985	1.056	8.805	-3.259	-8.352	-112.666
481.259	76.637	1.009	8.614	-3.135	-8.167	-110.202
481.260	75.464	1.121	7.404	-2.956	-6.979	-109.903
492.632	74.939	1.064	7.240	-2.891	-6.839	-107.606
492.633	74.939	1.064	7.240	-2.891	-6.839	-107.606
527.700	73.317	.889	6.736	-2.692	-6.407	-100.523
577.278	71.795	.744	6.076	-2.414	-5.813	-91.331
577.278	71.795	.744	6.076	-2.414	-5.813	-91.331
659.680	68.951	.557	4.992	-1.947	-4.863	-76.317
733.919	63.712	.308	4.092	-1.542	-3.921	-61.637
733.920	63.712	.308	4.092	-1.542	-3.921	-61.637
748.918	63.051	.277	3.978	-1.491	-3.810	-59.736
748.919	59.289	.703	2.029	-.892	-1.867	-58.293
753.917	57.323	.606	1.934	-.253	-1.7-7	-56.639
753.918	57.322	.666	1.934	-.353	-1.787	-56.638
791.504	54.172	.544	1.627	-.729	-1.527	-51.248
857.500	47.173	.317	1.134	-.524	-1.100	-40.939
923.400	40.566	.162	.732	-.347	-.730	-32.116
989.400	32.895	.046	.414	-.204	-.428	-23.687
1055.300	24.819	-.035	.289	-.107	-.225	-18.271
1121.300	18.430	-.068	.080	-.043	-.091	-9.777
1154.300	12.252	-.066	.040	-.023	-.047	-6.940
1187.250	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	-.338
1286.200	.362	-.005	.001	-.001	-.001	-.195
1319.175	.000	.000	.000	.000	.000	.000

PREPARED *	*	UNIT INERTIA LOADS	PAGE NO. **3.2-432
CHECKED **	*		COUL *C-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO.* IG1US54-12-
DATE *****11/06/68*			CASE 12 *** F10303

FUEL WT. 9375.0 LB.	DENSITY 6.500 LB./GAL.	ALTITUDE .000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583 B.L.	W.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1106.583 B.L.	W.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT.	21794.5	21125.0	.0	.0	21125.0	22256.0	1768.0	1306.5

STA.	MZPSIDS	MXOP	MYPR	MZPO
.000	.000	-178.786	42.273	136.512
120.361	13.305	-150.401	41.803	108.597
120.362	13.305	-150.401	41.803	108.597
197.900	21.030	-132.458	41.123	91.335
263.800	26.878	-117.719	40.435	77.284
329.800	32.139	-103.437	39.328	64.109
395.752	37.001	-89.661	38.420	51.241
469.886	41.455	-74.849	37.168	37.681
469.887	41.455	-74.849	37.168	37.681
481.259	42.138	-72.577	36.976	35.601
481.260	40.957	-72.731	36.769	35.962
492.632	41.373	-70.735	36.469	34.266
492.633	41.373	-70.735	36.469	34.266
527.700	42.655	-64.580	35.543	29.037
577.275	45.061	-56.231	34.753	21.478
577.276	45.061	-56.231	34.753	21.477
659.800	48.482	-42.832	33.085	9.748
738.919	48.762	-30.892	30.350	.542
738.920	48.762	-30.891	30.350	.542
748.918	48.797	-29.387	30.005	-.618
748.919	44.012	-29.642	28.635	1.007
758.917	43.605	-28.493	28.129	.364
758.918	43.605	-28.493	28.129	.364
791.804	42.276	-24.748	26.480	-1.732
857.500	38.529	-18.026	22.942	-4.916
923.400	34.614	-12.450	19.646	-7.195
989.400	29.153	-7.839	15.829	-7.991
1055.800	22.751	-4.334	11.931	-7.597
1121.300	15.524	-1.894	7.830	-5.986
1154.300	11.740	-1.066	5.871	-4.805
1187.250	8.014	-.485	3.963	-3.477
1220.200	4.103	-.143	2.030	-1.887
1253.200	.669	-.034	.353	-.319
1286.200	.357	-.011	.124	-.174
1319.173	.000	.000	.000	.000

PREPARED *	UNIT INERTIA LOADS	PAGE NO. **3.2-433
CHECKED **		MODEL *****C-5A
APPROVED *	*** WING (FUEL INCLUDED) ***	REPORT NO. *LG1US54-12-1
DATE *****11/01/68*	SWEPT AXIS SYSTEM	CASE ID *** F10563

FUEL WT. 49375.0 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.	21794.3	21125.0	.0	.0	21125.0	22256.0	1768.0	1305.5

STX	SYNX	SYNY	MXNX	MYNX	MZNX	MZNY
.000	-146878.	-49367.	-2.603	7.349	90.858	-26.467
120.361	-142820.	-47358.	-2.165	6.530	72.284	-20.327
120.362	-142820.	-47358.	-2.165	6.530	72.284	-20.326
197.900	-127560.	-42298.	-1.937	5.340	61.231	-17.609
263.800	-114865.	-38088.	-1.777	5.358	52.812	-15.605
329.800	-106200.	-35215.	-1.599	4.822	45.119	-13.234
395.752	-98847.	-32777.	-1.438	4.331	38.009	-11.119
469.386	-90361.	-29963.	-1.275	3.345	30.652	-8.935
469.387	-90361.	-29963.	-1.275	3.345	30.652	-8.935
481.259	-89059.	-29531.	-1.250	3.770	29.523	-8.639
481.260	-78702.	-26097.	-.943	2.845	29.556	-10.618
492.632	-77243.	-25613.	-.925	2.789	28.651	-10.320
492.633	-77243.	-25613.	-.925	2.789	28.651	-10.320
527.700	-72744.	-24121.	-.868	2.517	25.853	-9.472
577.278	-68973.	-22371.	-.790	2.382	22.100	-8.534
577.279	-68973.	-22372.	-.794	2.304	22.100	-8.534
659.000	-62107.	-23780.	-.822	1.907	16.373	-5.684
738.919	-54811.	-23634.	-.677	1.570	11.335	-3.447
738.920	-54810.	-23633.	-.677	1.570	11.335	-3.447
748.918	-53391.	-23237.	-.659	1.527	10.701	-3.204
748.919	-43533.	-18902.	-.260	.603	10.739	-4.632
758.917	-42704.	-18413.	-.248	.575	10.290	-4.608
758.918	-42704.	-18413.	-.248	.575	10.290	-4.608
791.904	-39010.	-16821.	-.209	.485	8.826	-3.951
857.800	-31097.	-13667.	-.143	.343	6.276	-2.620
923.400	-25853.	-11061.	-.096	.224	4.242	-1.921
969.400	-19611.	-8456.	-.055	.123	2.612	-1.173
1053.000	-13906.	-5996.	-.023	.066	1.413	-.656
1121.000	-8070.	-3736.	-.011	.026	.604	-.297
1154.300	-6278.	-2707.	-.006	.013	.357	-.174
1187.256	-4097.	-1767.	-.002	.005	.161	-.094
1220.200	-1965.	-856.	-.001	.001	.044	-.051
1253.200	-.005.	-131.	-.000	.001	.010	-.016
1286.200	-149.	-64.	-.000	.000	.003	-.009
1319.173	0.	0.	-.000	.000	-.000	-.000

PREPARED *	*	UNIT I AREA LOADS	PAGE NO. ** 3.2-434
CHECKED **	*		MODEL ***** C-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. * IG1US54-12-
DATE ***** 1/66/68*		SWEEP AXIS SYSTEM	PAGE 12 *** F10503

FUEL WT.	9375.0 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	21125.0	.0	.0	21125.0	22256.	1763.0	1306.5

STA.	SZINZ	MXNZ	MYNZ	SXFOO	SYFOO	SZFOO
.000	-156850.	-94.571	-3.475	-12543.	-4189.	112685.
120.361	-150466.	-75.008	-3.457	-11157.	-3703.	110533.
120.362	-150466.	-75.008	-3.457	-11157.	-3703.	110533.
197.900	-13-390.	-63.661	-2.557	-7956.	-2641.	106264.
263.800	-121015.	-55.039	-1.810	-5395.	-1789.	101856.
329.800	-111887.	-46.991	-1.639	-3920.	-1300.	97450.
395.752	-104140.	-39.576	-1.409	-2745.	-910.	93496.
469.826	-95199.	-31.906	-1.166	-1480.	-491.	88348.
469.867	-95199.	-31.906	-1.166	-1430.	-491.	88343.
481.259	-93627.	-30.742	-1.092	-1235.	-425.	87553.
481.260	-82916.	-31.396	.776	-2396.	-794.	85104.
492.632	-81379.	-30.443	.778	-2193.	-727.	84058.
492.633	-81379.	-30.443	.778	-2193.	-727.	84058.
527.700	-76639.	-27.530	.851	-1569.	-520.	80831.
577.275	-72066.	-23.676	.929	-1058.	-351.	78953.
577.276	-72066.	-23.667	-1.129	-1024.	-441.	76058.
659.600	-67534.	-17.285	-1.263	-541.	-235.	73563.
738.919	-59689.	-11.774	-1.323	39.	30.	66092.
738.920	-59689.	-11.774	-1.323	39.	30.	66091.
748.918	-58687.	-11.095	-1.295	163.	73.	65157.
742.919	-47739.	-11.775	.185	-1519.	-656.	58736.
758.917	-46505.	-11.273	.157	-1433.	-610.	57511.
758.916	-46505.	-11.273	.157	-1433.	-610.	57511.
791.504	-42452.	-9.669	.154	-1152.	-497.	53413.
857.500	-34519.	-6.879	.104	-647.	-279.	44932.
923.400	-27936.	-4.656	.084	-324.	-140.	37486.
989.400	-21356.	-2.863	.043	-99.	-43.	29465.
1055.300	-15144.	-1.558	.046	50.	22.	21559.
1121.300	-9442.	-.673	.034	107.	45.	13845.
1154.300	-5857.	-.378	.027	105.	45.	10171.
1187.256	-4462.	-.176	.026	37.	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.	278.
1319.173	0.	-.000	.000	0.	0.	0.

PREPARED *	*	UNIT I ERTIA LOADS	PAGE NO. **3.2-435
CHECKED **	*		MODEL *****C-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. *IG1US54-12-
DATE *****11/04/68*		SWEPT AXIS SYSTEM	CASE ID *** F105J3

FUEL WT. 49375.0 LB.	DENSITY 6.500 LB./GAL.	ATTITUDE .000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583	G.L. .000
ROTATIONAL AXIS ORIGIN	F.S. 1106.583	G.L. .000

TANK	1	2	3	4	5	6	7	8
WT.	21794.5	21125.0	.0	.0	21125.0	22256.0	1763.0	1306.5

STA.	AXTOD	MYTOD	UZYTD	SZTDS	SYTDS	SZTDS
.000	69.138	-2.476	3.938	106952.	35466.	13215.
120.361	74.962	-2.480	2.416	104921.	34791.	11765.
120.362	74.962	-2.480	2.416	104921.	34791.	11765.
197.966	66.125	-2.530	1.632	100864.	33448.	8392.
283.800	58.936	-2.642	1.168	96708.	32067.	5084.
329.800	51.956	-2.489	.843	92493.	30671.	4130.
395.752	45.336	-2.500	.614	88745.	29427.	2892.
469.866	38.274	-2.537	.452	83853.	27806.	1559.
469.867	38.273	-2.537	.452	83853.	27806.	1559.
481.259	37.197	-2.564	.428	83172.	27558.	1354.
481.260	37.268	-2.755	.424	80779.	26785.	2524.
492.632	36.269	-2.732	.401	79736.	26456.	2311.
492.633	36.269	-2.732	.401	79736.	26456.	2311.
527.700	33.202	-2.706	.329	76723.	25441.	1653.
577.275	29.067	-2.718	.263	74891.	24568.	1115.
577.276	29.193	-.165	.263	71679.	20937.	1115.
659.000	22.286	.004	.190	67434.	29163.	339.
738.919	16.225	.127	.170	60690.	26169.	-97.
738.920	16.225	.127	.170	60690.	26169.	-97.
748.918	15.475	.109	.168	59832.	25799.	-183.
748.919	15.750	-.470	.161	53965.	23259.	1634.
738.917	15.125	-.432	.147	52811.	22771.	1600.
758.918	15.125	-.432	.147	52810.	22771.	1600.
791.564	13.117	-.377	.100	49848.	21149.	1254.
837.500	9.542	-.298	.034	41260.	17791.	704.
923.400	3.533	-.236	.002	34422.	14642.	353.
989.400	4.138	-.145	-.014	27857.	11667.	108.
1055.300	2.305	-.122	-.016	19797.	8638.	-55.
1121.300	1.023	-.063	-.011	12713.	5462.	-117.
1154.300	.585	-.068	-.007	9340.	4027.	-114.
1187.256	.260	-.057	-.004	6199.	2673.	-93.
1220.200	.100	-.054	-.001	3888.	1332.	-57.
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 1 EXTERIOR LOADS	PAGE NO. **3.2-476
CHECKED **	*		MODEL *****C-5A
APPROVED *	*	*** WING (FIELD INCLUDED) ***	REPORT NO. IG1US54-12-
DATE *****11/03/68*		SWEEP AXIS SYSTEM	PAGE 1 *** F10303

FUEL WT. 49375.0 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.	21794.8	21125.0	.0	.0	21125.0	22256.0	1743.0	1306.5

STA.	MYTDS	MYTDS	MYTDS	MYTDS	MYTDS	MYTDS
.000	6.310	-6.516	-83.828	-235330.	-128.394	-1.087
120.361	4.384	-5.545	-70.372	-234130.	-158.582	-1.102
120.362	4.384	-5.545	-70.372	-234130.	-158.582	-1.102
197.900	3.427	-5.143	-61.958	-227473.	-139.950	-.726
265.800	2.835	-4.839	-55.109	-219472.	-124.566	-.273
329.800	2.346	-4.348	-48.532	-212436.	-109.593	-.139
395.752	1.959	-3.938	-42.245	-205191.	-95.171	.079
464.686	1.658	-3.562	-35.530	-194989.	-79.662	.367
469.667	1.658	-3.552	-35.530	-194989.	-79.662	.367
481.259	1.612	-3.502	-34.500	-193424.	-77.297	.453
481.260	1.473	-3.094	-34.507	-179906.	-77.981	2.810
492.652	1.428	-3.032	-33.566	-177906.	-75.873	2.812
492.653	1.428	-3.032	-33.566	-177906.	-75.873	2.812
527.700	1.292	-2.850	-30.663	-171737.	-69.425	2.908
577.275	1.133	-2.597	-26.734	-165323.	-60.580	3.013
577.276	1.359	-2.438	-26.734	-166093.	-60.593	-2.259
659.000	1.087	-2.043	-20.466	-157955.	-48.014	-2.472
733.919	.903	-1.665	-14.950	-143320.	-32.964	-2.569
738.920	.903	-1.665	-14.949	-143320.	-32.964	-2.569
748.918	.881	-1.620	-14.284	-141553.	-31.347	-2.516
748.919	.535	-.852	-14.277	-120418.	-32.473	.420
758.917	.503	-.795	-13.715	-117950.	-31.224	.364
758.918	.503	-.795	-13.715	-117950.	-31.224	.364
791.894	.401	-.677	-11.895	-109950.	-27.159	.317
857.800	.247	-.488	-8.644	-92920.	-19.755	.250
923.400	.141	-.322	-5.951	-77103.	-13.672	.213
989.400	.065	-.137	-3.742	-61493.	-8.603	.118
1055.500	.025	-.093	-2.163	-45254.	-4.743	.131
1121.500	.005	-.039	-.906	-28987.	-2.111	.105
1154.300	.001	-.020	-.512	-21312.	-1.241	.086
1187.256	-.001	-.008	-.234	-14112.	-.567	.085
1220.206	-.001	-.002	-.070	-6904.	-.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 I EXTERIOR LOADS	PAGE NO. **3.2- #37
CHECKED **	*		MODEL *****C-5A
APPROVED *	*	*** JING (FUEL INCLUDED) ***	REPORT NO. *LG1US54-12-
DATE *****11/08/08*		ORIENT AXIS SYSTEM	CASE ID *** F10553

FUEL WT. 89375.0 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	21125.0	.0	.0	21125.0	22256.0	1765.0	1396.5

SIA.	MZPD	SYPS	SYPS	SYPS	SYPS	SYPS
.000	1.366	-74067.	223370.	19.472	5.013	58.263
120.361	.863	-73690.	222231.	15.797	4.329	48.898
120.362	.863	-73690.	222231.	15.797	4.329	48.897
157.900	.793	-71546.	215917.	13.764	3.729	43.359
263.800	.795	-69076.	208318.	12.322	3.249	38.946
326.800	.706	-66862.	201640.	10.959	2.899	34.362
395.752	.662	-64582.	194763.	9.744	2.534	30.029
469.686	.643	-61370.	185079.	8.560	2.161	25.421
469.687	.643	-61370.	185079.	8.560	2.161	25.421
481.259	.646	-60878.	173593.	8.380	2.098	24.758
481.260	.444	-56623.	170763.	7.167	1.909	27.211
492.632	.436	-55994.	168065.	7.009	1.865	26.551
492.633	.436	-55994.	168864.	7.009	1.865	26.551
527.780	.420	-54052.	163009.	6.526	1.721	24.610
577.275	.409	-52277.	157657.	5.896	1.524	21.957
577.276	.409	-55766.	152523.	5.741	2.030	21.957
659.000	.359	-52542.	145848.	4.727	1.647	15.949
738.919	.344	-56775.	131672.	3.894	1.394	10.693
738.920	.344	-56775.	131671.	3.894	1.394	10.693
746.916	.346	-56048.	129985.	3.720	1.253	10.101
746.919	.084	-47679.	110576.	1.996	.726	13.246
755.917	.075	-46766.	106320.	1.906	.697	12.690
755.918	.075	-45706.	103319.	1.806	.697	12.690
791.504	.052	-43534.	100965.	1.515	.597	11.025
857.500	.020	-36791.	85326.	1.050	.431	8.065
923.400	.004	-30806.	71644.	.674	.286	5.509
989.400	-.006	-24343.	56868.	.378	.169	3.516
1055.300	-.007	-17839.	41372.	.189	.089	2.014
1121.300	-.005	-11477.	26616.	.071	.036	.933
1154.300	-.004	-8438.	19570.	.035	.019	.555
1187.250	-.002	-5587.	12958.	.013	.003	.303
1220.200	-.001	-2749.	6376.	.003	.003	.155
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. **3.2-438
CHECKED **	*		MODEL *****0-5A
APPROVED *	*	*** JING (FUEL INCLUDED) ***	REPORT NO. *IG1US54-12-1
DATE *****11/16/68*		SWIFT AXIS SYSTEM	CASE ID *** F10503

FUEL WT. 59575.0 LB.	DENSITY 6.500 LB./GAL.	ALTITUDE .000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583	S.L. .000
ROTATIONAL AXIS ORIGIN	F.S. 1106.583	S.L. .000

TANK	1	2	3	4	5	6	7	8
WT.	21794.3	21125.0	.0	.0	21125.0	22254.0	1763.0	1306.5

STA.	SKPSIDD	SYPSIDD	MXPSIDD	MYPSIDD	MZPSIDD	MZPSIDS
.000	253837.	66611.	-1.384	-17.446	-209.193	-25.535
120.361	257022.	64857.	-1.099	-15.952	-176.348	-21.474
120.362	257022.	64857.	-1.099	-15.952	-176.348	-21.474
197.900	249362.	79562.	-.942	-13.523	-155.671	-13.610
263.600	240386.	74471.	-.817	-12.439	-133.776	-16.163
329.600	232311.	70762.	-.699	-11.261	-122.152	-14.170
395.752	224190.	67327.	-.584	-10.132	-106.363	-12.216
469.626	212836.	62850.	-.465	-8.954	-89.363	-10.109
469.627	212835.	62850.	-.465	-8.954	-89.363	-10.109
481.259	211151.	62163.	-.446	-8.773	-86.713	-9.741
481.260	197546.	59019.	-.309	-7.555	-67.075	-7.296
492.632	195321.	58187.	-.592	-7.401	-84.743	-7.015
492.635	195321.	58187.	-.592	-7.401	-84.743	-7.015
527.720	168449.	55621.	-.539	-6.929	-77.548	-6.052
577.275	162225.	53335.	-.452	-6.277	-67.969	-4.777
577.276	163430.	56739.	.065	-6.294	-67.969	-4.777
659.030	174149.	53082.	.114	-5.131	-31.683	-4.319
733.919	157340.	56686.	.137	-4.211	-37.200	-4.256
733.920	157340.	56686.	.137	-4.211	-37.200	-4.256
746.913	155733.	55079.	.140	-4.267	-35.414	-4.153
746.919	133645.	49198.	-.079	-2.663	-36.310	-1.031
758.917	131091.	43139.	-.076	-1.979	-34.673	-1.023
758.918	131091.	40139.	-.076	-1.970	-34.373	-1.023
791.584	122113.	44686.	-.065	-1.591	-30.287	-.871
857.580	103117.	37438.	-.046	-1.213	-22.073	-.579
923.400	66287.	51130.	-.030	-.893	-15.274	-.342
939.450	63134.	24447.	-.017	-.474	-9.610	-.226
1056.350	44903.	17789.	-.009	-.249	-5.353	-.054
1121.300	32100.	11370.	-.004	-.101	-2.375	.027
1154.300	23597.	8533.	-.002	-.052	-1.368	.043
1187.256	15631.	5501.	-.001	-.021	-.849	.069
1220.200	7703.	2697.	-.000	-.006	-.233	.095
1253.200	1232.	425.	-.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. **3.2-439
CHECKED **	*		MODEL *****C-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. *IG10S54-12-
DATE *****11/06/68*		SWEEP AXIS SYSTEM	CASE ID *** F10503

FUEL WT. 59375.0 LB.	DENSITY 6.500 LB./GAL.	ALTITUDE .000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.533 B.L.	.000 H.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1106.533 B.L.	.000 H.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT.	21794.5	21125.0	.0	.0	21125.0	22256.0	1753.0	1306.5

STA.	MYOR	MYOF	MYPR	MYPS	SWFO	SWPO
.000	-188.037	-.969	-39.020	2.122	-137904.	-181025.
125.361	-158.147	-.924	-74.785	1.945	-187440.	-178610.
120.962	-158.147	-.924	-74.784	1.945	-187440.	-178610.
197.900	-139.373	-.534	-65.934	1.953	-182472.	-172460.
263.300	-123.994	-.034	-53.746	2.070	-176251.	-165784.
329.300	-108.995	.060	-51.757	1.891	-170968.	-159360.
395.752	-94.555	.283	-45.132	1.835	-165336.	-153326.
469.386	-79.046	.571	-38.069	1.921	-157273.	-145223.
469.387	-79.046	.571	-38.069	1.921	-157273.	-145223.
481.259	-76.681	.658	-36.993	1.948	-156038.	-143986.
481.250	-77.599	2.936	-37.142	2.373	-143977.	-137402.
492.532	-75.497	2.938	-36.142	2.350	-142408.	-135780.
492.533	-75.497	2.938	-36.142	2.350	-142408.	-135780.
527.700	-69.044	3.033	-33.076	2.327	-137568.	-130775.
577.275	-60.284	3.143	-28.942	2.342	-133089.	-126369.
577.276	-60.329	-2.102	-29.036	-.179	-121617.	-137445.
659.600	-45.647	-2.313	-22.130	-.372	-115942.	-130037.
738.919	-32.601	-2.412	-16.069	-.490	-105503.	-117465.
738.920	-32.601	-2.412	-16.069	-.490	-105503.	-117465.
748.918	-30.985	-2.360	-15.319	-.472	-104136.	-115679.
748.919	-32.464	.426	-15.744	.456	-87307.	-101644.
758.917	-31.169	.371	-15.118	.417	-85548.	-99516.
758.918	-31.139	.371	-15.118	.417	-85548.	-99516.
791.304	-27.090	.325	-13.109	.359	-79816.	-92582.
857.500	-19.746	.269	-9.534	.279	-67535.	-78051.
923.400	-13.653	.221	-6.575	.213	-56602.	-66223.
989.400	-8.590	.125	-4.130	.127	-44801.	-51405.
1055.300	-4.777	.134	-2.302	.116	-32836.	-37636.
1121.300	-2.106	.107	-1.021	.080	-21136.	-24190.
1154.300	-1.199	.087	-.584	.063	-15542.	-17773.
1187.250	-.566	.036	-.279	.056	-10286.	-11786.
1220.200	-.197	.096	-.100	.054	-5045.	-5637.
1253.200	-.052	.035	-.027	.019	-796.	-942.
1286.200	-.022	.024	-.011	.013	-393.	-472.
1319.175	.000	.000	-.000	.000	0.	0.

PREPARED *	*	UNIT INERTIA LOADS			PAGE NO. **3.2-440		
CHECKED **	*				MODEL ****C-5A		
APPROVED *	*	*** WING (FUEL INCLUDED) ***			REPORT NO. *IG10S54-12-		
DATE ****11/05/58*		SWEPT AXIS SYSTEM			CASE ID *** F10503		
FUEL WT. 59375.0 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. 285.000		
TANK 1	2	3	4	5	6	7	8
WT. 21794.5	21125.0	.0	.0	21125.0	22256.0	1783.0	1308.5
STA.	4XP0	4YPO	4ZPO				
.000	-11.534	13.182	148.754				
120.361	-9.874	11.413	125.017				
120.382	-9.874	11.413	125.017				
197.900	-8.877	10.337	109.052				
263.890	-8.028	9.436	97.264				
329.809	-7.289	8.612	85.352				
395.752	-6.522	7.775	73.667				
469.886	-5.722	6.902	61.044				
469.887	-5.722	6.902	61.044				
481.259	-5.600	6.768	59.085				
481.260	-5.602	5.694	58.789				
492.652	-4.897	5.582	57.129				
492.653	-4.897	5.532	57.129				
527.700	-4.572	5.234	51.962				
577.275	-4.121	4.750	44.899				
577.276	-4.518	4.382	44.899				
659.000	-3.690	3.639	34.411				
738.919	-2.969	2.990	24.979				
738.920	-2.969	2.990	24.979				
748.918	-2.878	2.909	23.754				
748.919	-1.553	1.362	22.990				
758.917	-1.491	1.303	22.124				
758.918	-1.491	1.303	22.124				
791.504	-1.274	1.114	19.228				
857.500	-.917	.803	13.995				
923.400	-.608	.533	9.647				
989.400	-.356	.312	6.026				
1055.500	-.187	.164	3.316				
1121.500	-.076	.086	1.416				
1154.500	-.039	.034	.777				
1187.256	-.016	.014	.323				
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. **3.2-441
CHECKED **	*					MODEL ****C-5A
APPROVED *	*	*** FUEL ***				REPORT NO. *IG1US54-12-
DATE *****11/05/68*						CASE ID *** F10554
FUEL WT. 39375.0 LB.		DENSITY 6.500 LB./GAL.		ATTITUDE 0.000 DEG.		
LOAD AXIS ORIGIN		F.S. 1106.585	B.L. 0.000	A.L. 350.250		
ROTATIONAL AXIS ORIGIN		F.S. 1106.583	B.L. 0.000	A.L. 205.000		
TANK 1	2	3	4	5	6	7
WT. 21794.5	21125.0	.0	.0	21125.0	22256.0	1700.0
STA.	SZU2	EXN2	MYN2	MYN2	SZT00	SXT00
.000	-89375.	-55.004	26.905	3.767	69685.	-9978.
120.361	-89375.	-44.247	26.905	2.932	69685.	-9978.
120.362	-89375.	-44.247	26.905	2.932	69685.	-9978.
197.900	-77401.	-37.761	25.877	2.521	67023.	-7482.
263.800	-66920.	-33.002	24.699	2.270	63972.	-5348.
329.800	-62620.	-28.745	24.095	1.945	62408.	-4633.
395.752	-58153.	-24.754	23.304	1.642	60359.	-3963.
469.886	-51802.	-20.700	21.994	1.372	56966.	-3086.
469.887	-51802.	-20.700	21.994	1.372	56966.	-3086.
481.259	-50828.	-20.079	21.793	1.331	56445.	-2859.
481.260	-50828.	-20.078	21.793	1.331	56445.	-2859.
492.632	-49809.	-19.523	21.557	1.298	55835.	-2710.
492.633	-49809.	-19.523	21.557	1.298	55835.	-2710.
527.700	-46867.	-17.811	20.830	1.196	53950.	-2252.
577.275	-44687.	-15.568	20.357	1.045	52727.	-1976.
577.276	-44687.	-15.568	20.357	1.045	52727.	-1976.
659.600	-43144.	-11.924	19.791	.759	51261.	-1341.
738.919	-38060.	-8.700	17.876	.517	46300.	-1422.
738.920	-38060.	-8.700	17.876	.517	46300.	-1422.
748.918	-37413.	-8.294	17.634	.487	45674.	-1370.
748.919	-37413.	-8.293	17.634	.487	45674.	-1370.
758.917	-36497.	-7.938	17.272	.463	44737.	-1296.
758.918	-36497.	-7.938	17.272	.463	44737.	-1296.
791.504	-33495.	-6.779	16.093	.387	41603.	-1065.
857.500	-26736.	-4.786	13.325	.273	34512.	-569.
923.400	-21807.	-3.198	11.208	.173	29029.	-320.
969.400	-16710.	-1.920	8.317	.093	22836.	-127.
1055.300	-11483.	-.991	6.244	.043	16173.	11.
1121.300	-6065.	-.389	3.839	.013	9944.	64.
1154.300	-4766.	-.196	2.701	.004	6996.	64.
1187.258	-2799.	-.071	1.606	-.000	4161.	49.
1220.200	-959.	-.009	.557	-.001	1442.	20.
1253.200	0.	.000	.000	.000	0.	0.
1286.200	0.	.000	.000	.000	0.	0.
1319.175	0.	.000	.000	.000	0.	0.

PREPARED *	*	UNIT I ARTIA LOADS	PAGE NO. *3.2-442
CHECKED **	*		MODEL *****C-5A
APPROVED *	*	*** FUEL ***	REPORT NO. *LG1054-12-
DATE *****11/06/68*			PAGE IS *** F10504

FUEL WT. 49375.0 LB.	DENSITY 6.500 LB./GAL.	ALTITUDE 6.000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583 B.L.	.000 I.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1106.583 B.L.	.000 I.L. 265.000

TALK	1	2	3	4	5	6	7	8
WT.	21794.5	21125.0	.0	.0	21125.0	22256.7	1768.0	1300.5

STA.	MYTOD	MYTOD	MYTOD	MYTOD	SZPD	MYTOD
.000	55.976	-27.376	3.634	-5.941	-142465.	-114.301
120.361	47.591	-27.469	2.633	-5.290	-142465.	-97.747
120.362	47.591	-27.469	2.633	-5.290	-142465.	-97.747
197.960	42.293	-27.230	2.002	-4.684	-137479.	-86.898
263.800	37.973	-26.861	1.579	-4.144	-131201.	-78.036
329.800	33.606	-26.649	1.254	-3.723	-127941.	-69.516
395.752	29.755	-26.297	.969	-3.292	-123722.	-61.225
469.886	25.422	-25.595	.714	-2.762	-118473.	-52.348
469.887	25.422	-25.595	.714	-2.762	-118473.	-52.348
481.259	24.758	-25.467	.675	-2.704	-115361.	-50.987
481.260	24.758	-25.467	.675	-2.704	-115361.	-50.987
492.632	24.129	-25.344	.646	-2.627	-114028.	-49.704
492.633	24.129	-25.344	.646	-2.627	-114028.	-49.704
527.700	22.193	-24.904	.556	-2.390	-109917.	-45.751
577.275	19.361	-24.614	.454	-2.133	-107139.	-40.405
577.276	19.361	-24.614	.454	-2.133	-107139.	-40.404
659.600	15.253	-24.066	.294	-1.746	-104591.	-31.653
738.919	11.363	-22.207	.164	-1.296	-95243.	-23.722
738.920	11.363	-22.207	.164	-1.296	-95243.	-23.722
748.916	10.895	-21.970	.148	-1.239	-94065.	-22.722
748.919	10.895	-21.969	.148	-1.239	-94065.	-22.722
758.917	10.457	-21.598	.136	-1.132	-92223.	-21.519
758.918	10.457	-21.598	.136	-1.132	-92223.	-21.519
791.354	9.031	-20.389	.096	-.393	-86225.	-18.875
857.500	6.513	-17.426	.041	-.646	-71777.	-13.643
923.400	4.428	-15.054	.012	-.335	-60435.	-9.309
969.400	2.709	-12.134	-.003	-.193	-47796.	-5.716
1055.300	1.426	-8.337	-.007	-.054	-33954.	-3.016
1121.300	.571	-5.580	-.005	.019	-20943.	-1.207
1154.300	.290	-3.976	-.003	.030	-14758.	-.516
1187.266	.166	-2.394	-.001	.029	-8791.	-.225
1220.260	.014	-.839	-.000	.014	-3054.	-.029
1253.260	.000	.000	.000	.000	0.	.000
1266.260	.000	.000	.000	.000	0.	.000
1319.173	.000	.000	.000	.000	0.	.000

PREPARED *	*	UNIT INERTIA LOADS	PAGE NO. **3.2-443
CHECKED **	*		MODEL *****C-5A
APPROVED *	*	*** FUEL ***	REPORT NO. *IG1US54-12-1
DATE *****11/05/68*			CASE ID *** F10504

FUEL WT. 49375.0 LB.	DENSITY 6.500 LB./GAL.	ALTITUDE 5.000 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	21125.0	.0	.0	21125.0	22256.0	1760.0	1306.5

STA.	MYPD	MZPD	MXPS	MXPSID	MYPSID	MZPSID
.000	55.978	1.908	12.145	-4.032	-8.261	-142.592
120.361	55.978	1.908	9.614	-3.381	-6.931	-125.445
120.362	55.978	1.908	9.614	-3.381	-6.931	-125.445
197.900	55.556	1.695	8.128	-2.990	-6.195	-114.301
263.000	54.849	1.455	7.088	-2.689	-5.509	-105.065
329.000	54.388	1.352	6.103	-2.365	-4.849	-96.288
395.752	53.642	1.239	5.179	-2.053	-4.210	-87.604
469.066	52.151	1.042	4.287	-1.741	-3.573	-78.003
469.837	52.151	1.042	4.287	-1.741	-3.573	-78.003
461.259	51.922	1.011	4.151	-1.693	-3.475	-76.530
431.260	51.922	1.011	4.151	-1.693	-3.475	-76.530
492.632	51.614	.977	4.035	-1.650	-3.390	-75.104
492.633	51.614	.977	4.035	-1.650	-3.390	-75.104
527.700	50.662	.871	3.631	-1.519	-3.125	-70.707
577.275	49.999	.805	3.193	-1.328	-2.739	-65.062
577.276	49.999	.805	3.193	-1.328	-2.739	-65.062
639.000	49.065	.756	2.548	-.991	-2.084	-55.757
736.919	45.545	.599	1.619	-.697	-1.464	-45.930
736.920	45.545	.599	1.619	-.697	-1.464	-45.929
746.918	45.101	.579	1.527	-.660	-1.379	-44.691
746.919	45.101	.579	1.527	-.660	-1.379	-44.690
758.917	44.378	.551	1.453	-.630	-1.317	-43.415
758.918	44.378	.551	1.453	-.630	-1.317	-43.415
791.504	42.023	.460	1.212	-.533	-1.116	-39.259
857.500	36.107	.265	.838	-.381	-.798	-31.063
923.400	31.233	.150	.526	-.244	-.514	-24.356
989.400	25.304	.060	.279	-.134	-.263	-17.343
1055.300	18.493	-.009	.126	-.065	-.134	-11.649
1121.300	11.720	-.036	.035	-.019	-.040	-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	-.667
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 TERTIA LOADS	FILE NO. **3.2-444
CHECKED **	*		MODEL ****C-5A
APPROVED *	*	*** FUEL ***	REPORT NO. *IG10S54-12-
DATE *****11/12/68*			CASE ID *** F10504

FUEL WT. 49375.0 LB.	DENSITY 6.560 LB./GAL.	ATTITUDE 0.000 DEG.
LOAD AXIS ORIGIN	F.S. 1136.583	B.L. .000
ROTATIONAL AXIS ORIGIN	F.S. 1136.583	B.L. .000

TANK	1	2	3	4	5	6	7	8
WT.	21794.0	21125.0	.0	.0	21125.0	22256.0	1760.0	1306.5

STA.	MZPSIDS	MXOP	MYPP	MZPO
.000	.000	-115.216	27.791	87.426
120.361	8.387	-97.976	27.697	70.279
120.382	8.387	-97.976	27.697	70.278
197.900	13.264	-67.071	27.403	59.668
263.600	16.676	-78.204	27.029	51.175
329.600	20.582	-69.638	26.772	42.866
395.752	23.687	-61.307	26.379	34.928
469.856	26.729	-52.408	25.654	26.753
469.887	26.729	-52.408	25.654	26.753
481.259	27.165	-51.043	25.545	25.499
481.260	27.165	-51.043	25.543	25.499
492.632	27.485	-49.759	25.400	24.360
492.633	27.485	-49.759	25.400	24.360
527.750	28.470	-45.603	24.956	20.347
577.275	30.438	-40.446	24.657	15.791
577.276	30.438	-40.446	24.657	15.791
659.800	33.812	-31.671	24.105	7.567
738.919	34.162	-23.723	22.298	1.515
738.920	34.162	-23.723	22.298	1.515
748.918	34.206	-22.721	21.968	.753
748.919	34.206	-22.721	21.968	.753
758.917	33.921	-21.817	21.596	.221
758.918	33.921	-21.817	21.596	.221
791.584	32.992	-16.870	20.384	-1.514
857.500	29.394	-13.637	17.420	-3.783
923.400	26.805	-9.303	15.048	-5.745
989.400	22.594	-5.710	12.128	-6.418
1055.300	17.057	-3.012	8.833	-5.821
1121.300	11.150	-1.205	5.578	-4.373
1154.300	3.076	-.614	3.975	-3.361
1187.256	4.940	-.225	2.393	-2.168
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. **3.2-445
CHECKED **	*		MODEL *****C-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO.*IG1US54-12-
DATE *****11/04/68*			CASE ID *** FI0504

FUEL WT. 59375.0 LB.	DENSITY 6.500 LB./GAL.	ALTITUDE 0.000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583 B.L.	W.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1106.583 B.L.	W.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT.	2179.5	21125.0	.0	.0	21125.0	22256.0	1763.0	1306.5

STA.	SXNZ	AXNZ	MYNZ	MYNY	SZTDL	SXTDL
.000	-158650.	-91.160	43.957	8.248	113851.	-13271.
120.361	-158466.	-72.566	43.128	6.858	111705.	-11321.
120.362	-158466.	-72.566	43.123	6.358	111705.	-11321.
197.900	-134542.	-61.520	41.443	6.128	107341.	-8463.
263.800	-121029.	-53.097	39.728	5.624	102899.	-5740.
329.300	-112659.	-45.381	38.103	5.054	98691.	-4315.
395.752	-105177.	-38.206	36.395	4.530	94734.	-3123.
469.886	-95677.	-30.790	34.473	4.028	89237.	-1630.
469.887	-95677.	-30.789	34.473	4.028	89237.	-1630.
481.259	-94220.	-29.652	34.147	3.951	88444.	-1458.
481.260	-83308.	-29.684	33.200	2.976	85990.	-2625.
492.632	-81689.	-28.777	32.776	2.919	84893.	-2399.
492.633	-81689.	-28.777	32.776	2.919	84893.	-2399.
527.700	-76697.	-25.981	31.470	2.745	81516.	-1692.
577.275	-72066.	-22.298	30.385	2.498	76700.	-1143.
577.276	-72066.	-22.298	30.385	2.498	76700.	-1143.
659.000	-67953.	-16.487	28.706	2.066	74351.	-644.
733.919	-68343.	-11.397	25.374	1.699	67016.	22.
733.920	-68343.	-11.397	25.374	1.699	67016.	22.
746.916	-59383.	-10.756	25.517	1.552	66091.	106.
748.919	-46436.	-10.794	23.050	.646	59702.	-1731.
753.917	-47137.	-10.339	22.533	.617	58363.	-1629.
753.918	-47137.	-10.339	22.533	.617	58363.	-1629.
791.504	-42905.	-8.856	20.648	.521	53999.	-1296.
857.500	-34595.	-5.291	17.422	.373	45120.	-711.
923.400	-28005.	-4.256	14.532	.243	37640.	-355.
969.400	-21423.	-2.620	11.414	.140	29564.	-139.
1055.300	-15193.	-1.417	8.351	.072	21629.	55.
1121.300	-9469.	-.616	5.361	.029	13634.	117.
1154.300	-6356.	-.337	3.938	.015	10200.	115.
1137.250	-4473.	-.152	2.613	.006	6766.	95.
1220.200	-2165.	-.044	1.301	.002	3369.	57.
1253.200	-332.	-.010	.212	.001	550.	12.
1266.200	-162.	-.003	.107	.000	278.	7.
1319.173	0.	.000	.000	.000	0.	0.

PREPARED *	*	UNIT INERTIA LOADS				FILE NO. **3.2-446	
CHECKED **	*					MODEL *****C-5A	
APPROVED *	*	*** WING (FUEL EXCLUDED) ***				REPORT NO. 4IG1US54-12-	
DATE *****1/11/63*						CASE ID *** F10304	
FUEL WT. 35370.0 LB.		DENSITY 6.500 LB./GAL.		ALTITUDE 0.000 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	21125.0	.0	.0	21125.0	22256.0	1768.0	1306.5
STA.	MYTOD	MYTOD	MYTOD	MYTOD	SZPO	MYPO	
.000	84.888	-43.289	4.013	-9.706	-236112.	-179.990	
120.361	71.092	-43.008	2.483	-8.460	-234912.	-151.700	
120.362	71.091	-43.008	2.483	-8.460	-234912.	-151.700	
197.900	62.599	-42.357	1.693	-7.502	-228305.	-133.737	
263.800	55.671	-41.654	1.224	-6.566	-220220.	-118.941	
329.800	49.021	-40.602	.391	-5.888	-213774.	-104.622	
395.752	42.648	-39.711	.648	-5.159	-206767.	-90.765	
459.680	35.849	-38.376	.473	-4.361	-195911.	-75.855	
469.867	35.849	-38.376	.473	-4.361	-195911.	-75.854	
481.259	34.805	-38.171	.447	-4.237	-194245.	-73.567	
481.260	34.813	-37.717	.443	-4.119	-180727.	-73.475	
492.632	33.862	-37.403	.419	-3.995	-178621.	-71.471	
492.633	33.862	-37.403	.419	-3.995	-178621.	-71.471	
527.700	30.932	-36.437	.345	-3.611	-172123.	-65.292	
577.275	26.971	-35.634	.277	-3.184	-166403.	-56.923	
577.276	26.971	-35.634	.277	-3.184	-166403.	-56.923	
609.600	20.652	-34.015	.201	-2.533	-158790.	-43.497	
738.919	15.049	-31.222	.175	-1.876	-144812.	-31.439	
738.920	15.049	-31.222	.175	-1.876	-144812.	-31.438	
748.916	14.342	-30.870	.172	-1.793	-143088.	-29.919	
748.919	14.365	-29.120	.166	-1.620	-121912.	-29.794	
756.917	13.793	-28.577	.151	-1.542	-119320.	-28.633	
756.918	13.793	-28.577	.151	-1.542	-119320.	-28.633	
791.504	11.950	-26.807	.102	-1.287	-110897.	-24.630	
857.500	8.675	-23.097	.035	-.844	-93131.	-18.093	
923.400	5.973	-19.770	.002	-.512	-78001.	-12.539	
989.400	3.754	-15.903	-.014	-.250	-61091.	-7.831	
1055.300	2.074	-11.075	-.016	-.073	-45197.	-4.352	
1121.300	.909	-7.906	-.011	.024	-29060.	-1.962	
1154.300	.513	-5.890	-.007	.044	-21372.	-1.071	
1187.250	.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	
1319.175	.000	.000	.000	.000	0.	.000	

PREPARED *	*	UNIT INERTIA LOADS	PAGE NO. *3.2-447
CHECKED **	*		MODEL ***C-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. AG1054-12-1
DATE *****11/06/68*			CASE ID *** F10504

FUEL WT. 19375.0 LB.	DENSITY 6.600 LB./GAL.	ATTITUDE 5.000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583 8.L.	.000 W.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1106.583 8.L.	.000 W.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT.	21794.5	21125.0	.0	.0	21125.0	22256.2	1763.0	1306.5

SIX.	AYPD	MZPD	MXPS	MXPS100	MYPS100	MZPS100
.000	84.688	2.862	20.129	-6.343	-16.116	-222.900
120.361	84.533	2.672	16.409	-5.808	-13.926	-194.140
120.362	84.536	2.672	16.409	-5.803	-13.926	-194.140
197.900	83.842	2.311	14.278	-5.191	-12.585	-175.479
263.800	82.815	1.951	12.751	-4.705	-11.527	-159.938
329.800	81.559	1.674	11.329	-4.214	-10.438	-144.586
395.752	80.159	1.423	10.041	-3.742	-9.393	-129.613
469.550	77.741	1.103	8.795	-3.253	-8.321	-113.574
469.557	77.741	1.103	8.795	-3.253	-8.321	-113.574
481.259	77.370	1.053	8.604	-3.184	-8.157	-111.083
481.260	76.196	1.165	7.393	-2.955	-6.950	-110.783
492.632	75.645	1.104	7.231	-2.891	-6.812	-108.467
492.653	75.645	1.104	7.231	-2.891	-6.812	-108.467
527.700	73.945	.917	6.732	-2.694	-6.388	-101.526
577.275	72.403	.769	6.072	-2.415	-5.795	-92.159
577.276	72.403	.769	6.072	-2.415	-5.795	-92.158
659.500	64.694	.559	4.985	-1.944	-4.784	-77.110
738.919	64.495	.342	4.076	-1.534	-3.900	-62.262
738.926	64.495	.342	4.076	-1.534	-3.900	-62.262
748.918	63.839	.310	3.951	-1.483	-3.789	-60.391
748.919	59.077	.736	2.012	-.884	-1.345	-53.697
758.017	58.847	.696	1.918	-.846	-1.767	-57.192
758.913	58.847	.696	1.918	-.846	-1.767	-57.192
791.504	54.691	.563	1.615	-.724	-1.513	-51.635
857.500	47.368	.320	1.132	-.524	-1.097	-41.168
923.400	40.720	.154	.732	-.348	-.730	-32.259
939.400	35.004	.046	.415	-.204	-.429	-23.765
1055.500	24.898	-.035	.209	-.107	-.226	-16.321
1121.500	16.477	-.068	.080	-.043	-.091	-9.805
1154.500	12.286	-.067	.040	-.023	-.047	-6.959
1187.250	8.270	-.056	.015	-.009	-.019	-4.451
1220.200	4.182	-.034	.004	-.003	-.006	-2.173
1253.200	.706	-.008	.002	-.001	-.003	-.388
1286.200	.562	-.005	.001	-.001	-.001	-.195
1319.175	.000	.000	.000	.000	.000	.000

PREPARED *	*	UNIT INERTIA LOADS	PAGE NO. **3.2-448
CHECKED **	*		MODEL *****0-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. KIG10S54-12-
DATE *****11/02/68*			CASE ID *** F1050*

FUEL WT. 49375.0 LB.	DENSITY 6.500 LB./GAL.	ALTITUDE 0.000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583 B.L.	.000 T.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1106.583 B.L.	.000 T.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT.	21794.3	21125.0	.0	.0	21125.0	22256.	1766.0	1306.5

STA.	MZPSIDS	MXCR	MYPR	MZPR
.000	.000	-179.611	42.910	136.791
120.361	13.445	-151.132	42.440	108.592
120.362	13.445	-151.132	42.440	108.592
197.900	21.243	-133.123	41.742	91.387
263.000	27.145	-113.334	41.047	77.297
329.800	32.548	-103.984	39.964	64.020
395.752	37.511	-90.107	39.052	51.954
469.666	41.892	-75.199	37.720	37.479
469.867	41.892	-75.199	37.720	37.479
481.259	42.564	-72.912	37.515	35.396
481.260	41.383	-73.067	37.308	35.758
492.632	41.783	-71.064	36.997	34.768
492.633	41.783	-71.064	36.996	34.067
527.700	43.013	-64.389	36.034	28.355
577.275	45.432	-56.524	35.236	21.239
577.276	45.432	-56.524	35.236	21.239
659.000	49.042	-43.095	33.612	9.143
738.919	49.446	-31.040	30.824	.215
738.920	49.446	-31.040	30.824	.216
748.918	49.497	-29.521	30.472	-.351
748.919	44.712	-29.776	29.103	.674
758.917	44.249	-28.615	28.558	.056
758.918	42.240	-28.615	28.558	.056
791.304	42.741	-24.828	25.785	-1.957
857.500	38.693	-18.072	23.075	-5.003
923.400	34.756	-12.489	19.749	-7.261
989.400	29.251	-7.862	15.084	-8.021
1055.300	22.625	-4.346	11.069	-7.523
1121.300	15.569	-1.699	7.003	-6.004
1154.300	11.774	-1.069	5.686	-4.810
1167.256	8.035	-.486	3.973	-3.487
1220.200	4.111	-.143	2.034	-1.800
1253.200	.689	-.034	.353	-.319
1266.200	.357	-.011	.184	-.174
1319.175	.000	.000	.000	.000

PREPARED *	*	UNIT 1 EXTRA LOADS	PAGE NO. **3.2-449
CHECKED **	*		MODEL *****C-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO.*IG1US54-12-
DATE *****11/08/68*		SWEPT AXIS SYSTEM	CASE ID *** F10504

FUEL WT. 59575.0 LB.	DENSITY 6.500 LB./GAL.	ALTITUDE 0.000 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	21125.0	.0	.0	21125.0	22256.0	1766.0	1308.5

STA.	SXNX	SYNX	MYNX	MYNX	MZNX	MZNY
.000	-145878.	-49367.	-2.596	7.328	91.160	-26.917
120.361	-142820.	-47358.	-2.158	6.509	72.586	-20.777
120.362	-142820.	-47358.	-2.158	6.509	72.586	-20.777
197.900	-127705.	-42346.	-1.929	5.917	61.520	-17.998
263.800	-114878.	-38093.	-1.770	5.333	53.097	-15.993
329.800	-106934.	-35453.	-1.591	4.797	45.381	-13.544
395.752	-99832.	-33103.	-1.426	4.300	38.266	-11.367
469.886	-90815.	-30113.	-1.268	3.823	30.799	-9.171
469.887	-90815.	-30113.	-1.268	3.823	30.799	-9.171
481.259	-89431.	-29655.	-1.243	3.750	29.652	-8.876
481.260	-79074.	-26220.	-.937	2.825	29.684	-10.855
492.632	-77538.	-25711.	-.919	2.771	28.777	-10.558
492.633	-77538.	-25711.	-.919	2.771	28.777	-10.558
527.720	-72799.	-24140.	-.864	2.605	25.981	-9.718
577.275	-66973.	-22671.	-.782	2.372	22.296	-8.582
577.276	-66723.	-22772.	-.909	2.294	22.296	-8.582
659.600	-62400.	-22906.	-.816	1.897	16.487	-5.904
733.919	-55412.	-23893.	-.673	1.560	11.397	-3.562
733.920	-55412.	-23893.	-.673	1.560	11.397	-3.562
748.918	-54530.	-23513.	-.654	1.517	10.756	-3.304
748.919	-44477.	-19178.	-.256	.593	10.794	-4.932
753.917	-43285.	-18664.	-.244	.566	10.339	-4.698
753.918	-43285.	-18664.	-.244	.566	10.339	-4.698
791.584	-39399.	-16986.	-.206	.479	8.855	-4.011
857.500	-31768.	-13693.	-.148	.342	6.291	-2.861
923.400	-25716.	-11083.	-.096	.224	4.256	-1.950
989.400	-19074.	-8483.	-.055	.128	2.620	-1.178
1055.500	-13951.	-6016.	-.029	.066	1.417	-.560
1121.500	-8695.	-3749.	-.011	.026	.906	-.293
1154.500	-6296.	-2715.	-.006	.013	.337	-.175
1187.256	-4108.	-1771.	-.002	.005	.152	-.094
1220.200	-1988.	-857.	-.001	.001	.044	-.051
1253.200	-305.	-131.	-.000	.001	.010	-.016
1286.200	-149.	-64.	-.000	.000	.003	-.009
1319.175	0.	0.	-.000	.000	-.000	-.000

PREPARED *	*	UNIT INERTIA LOADS	PAGE NO. **3.2-450
CHECKED **	*		MODEL *****C-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. *IG1US54-12-
DATE *****11/04/68*		SWEEP AXIS SYSTEM	CASE ID *** F10504

FUEL WT. 59375.0 LB.	DENSITY 6.500 LB./GAL.	ALTITUDE 0.000 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	21125.0	.0	.0	21125.0	22856.0	1768.0	1306.5

SIX.	SIX2	SIX3	SIX4	SIX5	SIX6	SIX7
.000	-156850.	-94.999	-3.142	-12597.	-4177.	113351.
120.361	-150466.	-75.437	-3.125	-11220.	-3721.	111703.
120.382	-150466.	-75.436	-3.125	-11220.	-3721.	111703.
197.900	-134542.	-64.658	-2.279	-8652.	-2670.	107341.
263.800	-121029.	-55.432	-1.531	-5448.	-1807.	102899.
329.800	-112659.	-47.337	-1.427	-4099.	-1359.	98691.
395.752	-105177.	-39.842	-1.236	-2965.	-930.	94764.
469.866	-95677.	-32.111	-.985	-1594.	-529.	89287.
469.867	-95677.	-32.111	-.985	-1594.	-529.	89287.
481.259	-94220.	-30.938	-.903	-1334.	-459.	86444.
481.260	-83308.	-31.592	.961	-2424.	-827.	85990.
492.632	-81689.	-30.638	.964	-2277.	-758.	84893.
492.633	-81689.	-30.638	.964	-2277.	-758.	84893.
527.700	-76697.	-27.719	1.047	-1606.	-532.	81510.
577.275	-72666.	-23.865	1.127	-1094.	-360.	78700.
577.276	-72666.	-23.873	-.993	-1094.	-452.	78700.
659.600	-67953.	-17.477	-1.106	-591.	-258.	74351.
736.919	-60343.	-11.876	-1.242	21.	9.	67016.
736.920	-60343.	-11.876	-1.242	21.	9.	67016.
748.918	-59383.	-11.195	-1.225	98.	42.	66091.
748.919	-46436.	-11.265	.255	-1590.	-665.	59702.
758.917	-47137.	-11.354	.220	-1496.	-643.	58363.
758.918	-47137.	-11.354	.220	-1496.	-643.	58363.
791.504	-42905.	-9.721	.177	-1192.	-514.	53999.
857.500	-34595.	-6.910	.136	-753.	-262.	45123.
923.400	-28065.	-4.680	.105	-326.	-141.	37640.
989.400	-21426.	-2.872	.045	-100.	-43.	29564.
1055.600	-13193.	-1.563	.045	50.	22.	21629.
1121.300	-9469.	-.674	.034	108.	46.	13684.
1154.300	-6866.	-.379	.027	105.	45.	10200.
1187.256	-4473.	-.177	.027	87.	38.	6768.
1220.200	-2165.	-.060	.029	52.	23.	3369.
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 INERTIA LOADS	PAGE NO. **3.2-451
CHECKED **	*		MODEL *****C-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. *IG1US54-12-
DATE *****11/06/60*		SAEPT AXIS SYSTEM	CASE ID *** F10504

FUEL WT. 19075.0 LB.	DENSITY 6.500 LB./GAL.	ATTITUDE 8.000 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

TANK	1	2	3	4	5	6	7	8
WT.	21794.5	21125.0	.0	.0	21125.0	22256.0	17583.0	1300.5

STA.	EXTD	MYTDD	MYZTDD	SYTDS	SYZTDS	SZTDS
.000	90.116	-2.695	4.013	108065.	35833.	13271.
120.361	75.792	-2.697	2.483	106028.	35158.	11821.
120.362	75.792	-2.697	2.483	106028.	35158.	11821.
197.950	66.862	-2.748	1.693	101885.	33784.	8483.
263.800	59.601	-2.362	1.224	97670.	32386.	5740.
329.800	52.537	-2.690	.391	93675.	31062.	4318.
395.752	45.824	-2.690	.643	89967.	29832.	3123.
469.886	38.674	-2.731	.473	84749.	28102.	1680.
469.887	38.673	-2.731	.473	84749.	28102.	1680.
481.259	37.584	-2.760	.447	83949.	27837.	1453.
481.260	37.655	-2.951	.443	81620.	27064.	2628.
492.632	36.647	-2.928	.419	80579.	26719.	2399.
492.633	36.646	-2.928	.419	80579.	26719.	2399.
527.700	33.552	-2.907	.345	77368.	25654.	1692.
577.273	29.384	-2.920	.277	74701.	24770.	1143.
577.276	29.526	-.358	.277	72268.	23161.	1143.
659.600	22.554	-.148	.201	68275.	20439.	644.
738.919	16.370	.042	.176	61539.	26535.	-22.
738.920	16.370	.042	.176	61539.	26535.	-22.
748.918	15.604	.034	.172	60690.	26136.	-106.
748.919	15.879	-.546	.166	54823.	23639.	1731.
758.917	15.242	-.500	.151	53593.	23109.	1629.
758.918	15.242	-.500	.151	53593.	23109.	1629.
791.504	13.197	-.425	.102	49586.	21381.	1298.
867.500	9.591	-.335	.035	41436.	17888.	711.
923.400	6.617	-.260	.002	34563.	14903.	555.
989.400	4.151	-.147	-.014	27148.	11708.	109.
1055.300	2.311	-.122	-.016	19661.	8984.	-55.
1121.300	1.026	-.084	-.011	12750.	5497.	-117.
1154.300	.587	-.065	-.007	9366.	4039.	-115.
1187.250	.280	-.057	-.004	6215.	2680.	-95.
1220.200	.100	-.054	-.001	3094.	1334.	-57.
1253.200	.027	-.019	-.000	505.	218.	-12.
1286.200	.011	-.013	-.000	255.	110.	-7.
1319.178	-.000	.000	.000	0.	0.	-0.

PREPARED *	*	UNIT INERTIA LOADS	PAGE NO. **3.2-#52
CHECKED **	*		MODEL *****C-5A
APPROVED *	*	*** AING (FUEL INCLUDED) ***	REPORT NO. LG1US54-12-
DATE *****11/05/08*		SWEPT AXIS SYSTEM	CASE ID *** F10504

FUEL WT. 39075.0 LL.	DENSITY 6.500 LB./GAL.	ATTITUDE 0.000 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	21125.0	.0	.0	21125.0	22256.0	1766.0	1306.5

STA.	MXTDS	MYTDS	MZTDS	SZPD	MXPD	MYPD
.000	6.410	-6.581	-84.668	-236112.	-189.425	-.612
120.361	4.473	-5.600	-71.092	-234912.	-159.615	-.627
120.362	4.473	-5.600	-71.091	-234912.	-159.614	-.627
197.900	3.503	-5.185	-62.599	-228305.	-140.807	-.273
263.000	2.906	-4.873	-55.671	-220230.	-125.369	.180
329.900	2.403	-4.414	-49.021	-213774.	-110.310	.202
395.792	2.006	-3.992	-42.646	-206767.	-95.772	.443
469.686	1.622	-3.569	-35.849	-195911.	-80.162	.741
469.687	1.682	-3.569	-35.849	-195910.	-80.162	.741
481.259	1.634	-3.510	-34.805	-194245.	-77.782	.832
481.260	1.495	-3.101	-34.813	-180727.	-78.466	3.188
492.632	1.450	-3.041	-33.862	-178621.	-76.356	3.193
492.633	1.450	-3.041	-33.862	-178621.	-76.356	3.193
527.700	1.313	-2.864	-30.932	-172123.	-69.862	3.302
577.275	1.157	-2.609	-26.971	-166403.	-61.164	3.416
577.276	1.079	-2.499	-26.971	-166402.	-61.169	-1.901
639.600	1.102	-2.048	-20.652	-158796.	-46.440	-2.153
736.919	.907	-1.661	-15.049	-144812.	-33.205	-2.392
736.920	.907	-1.661	-15.049	-144812.	-33.205	-2.392
748.918	.884	-1.615	-14.342	-143048.	-31.569	-2.360
748.919	.538	-.827	-14.365	-121912.	-32.694	.576
758.917	.505	-.790	-13.798	-119326.	-31.400	.506
758.918	.505	-.790	-13.798	-119326.	-31.400	.506
791.904	.462	-.673	-11.950	-110697.	-27.243	.420
857.900	.248	-.486	-8.675	-93130.	-19.859	.340
923.400	.141	-.323	-5.973	-78091.	-13.736	.266
989.400	.066	-.188	-3.754	-61691.	-8.635	.122
1055.300	.025	-.099	-2.074	-45197.	-4.797	.132
1121.300	.005	-.039	-.909	-29069.	-2.117	.107
1154.300	.001	-.020	-.513	-21372.	-1.204	.087
1187.250	-.001	-.008	-.235	-14148.	-.588	.066
1220.200	-.001	-.002	-.070	-6957.	-.196	.095
1253.200	-.000	-.001	-.017	-1104.	-.093	.035
1286.200	-.000	-.000	-.005	-547.	-.022	.024
1319.173	.000	.000	-.000	0.	-.000	.000

PREPARED *	UNIT INERTIA LOADS	PAGE NO. **3.2-453
CHECKED **		MODEL *****C-5A
APPROVED *	*** WIND (FUEL INCLUDED) ***	REPORT NO. *IG10S54-12-
DATE *****11/06/58*	SACPT AXIS SYSTEM	CASE ID *** F1050+

FUEL Wt. 69075.0 LB.	DENSITY 6.500 LB./GAL.	ALTITUDE 0.000 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	21125.0	.0	.0	21125.0	22256.0	1760.0	1300.5

STA.	HZPD	SXPS	SYPS	PXPS	MYPS	HZPS
.000	1.421	-74313.	224112.	19.553	4.987	59.038
120.361	.916	-73936.	222973.	15.864	4.295	49.642
120.362	.916	-73936.	222973.	15.864	4.295	49.641
197.900	.833	-71856.	216702.	13.815	3.753	44.858
263.800	.835	-69311.	209028.	12.366	3.221	39.629
329.800	.733	-67283.	202910.	10.984	2.870	34.968
395.792	.678	-65077.	196258.	9.744	2.516	30.564
469.686	.658	-61660.	185954.	8.555	2.143	25.933
469.687	.658	-61660.	185954.	8.555	2.143	25.933
481.259	.662	-61136.	184373.	8.375	2.040	25.270
481.260	.460	-56882.	171542.	7.162	1.891	27.722
492.632	.451	-56219.	169543.	7.006	1.847	27.063
492.633	.451	-56219.	169543.	7.006	1.847	27.063
527.700	.437	-54174.	163373.	6.528	1.724	25.129
577.275	.426	-52373.	157946.	5.898	1.586	22.474
577.276	.426	-52373.	157946.	5.898	1.586	22.474
659.600	.373	-62375.	145313.	4.725	1.681	16.410
738.919	.350	-57338.	132977.	3.481	1.292	10.951
738.920	.350	-57338.	132977.	3.481	1.292	10.950
748.919	.350	-56639.	131358.	3.776	1.247	10.330
748.919	.069	-48271.	111949.	1.382	.715	13.474
758.917	.079	-47247.	109574.	1.793	.847	12.397
758.918	.079	-47247.	109574.	1.793	.847	12.397
791.504	.054	-43909.	101334.	1.508	.580	11.172
857.500	.021	-36875.	85519.	1.048	.429	8.171
923.400	.004	-30684.	71626.	.674	.280	5.634
989.400	-.006	-24426.	56650.	.379	.170	3.531
1055.300	-.007	-17896.	41503.	.190	.089	2.021
1121.300	-.005	-11510.	25693.	.071	.037	.936
1154.300	-.004	-8462.	19625.	.035	.019	.556
1187.236	-.002	-5602.	12992.	.013	.008	.304
1220.200	-.001	-2755.	6369.	.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 * *	DATE 11/17/63	UNIT IERFIA LOADS	PAGE NO. **3.2-454
CHECKED ** *			MODEL *****C-5A
APPROVED * *	*** FUEL INCLUDED ***		REPORT NO. FIG1054-12-
DATE *****11/17/63*	ORIENT AXIS SYSTEM		CASE IL *** F105J+

FUEL WT. 49375.0 LB.	DENSITY 6.500 LB./GAL.	ALTITUDE 3.000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.563	B.L. .000
ROTATIONAL AXIS ORIGIN	F.S. 1106.563	B.L. .000

TANK	1	2	3	4	5	6	7	8
WT.	21794.5	21125.0	.0	.0	21125.0	22356.0	1763.0	1306.5

STA.	EXPSION	SYPSION	EXPSION	WYPSION	WZPSION	WZPSION
.000	259946.	66910.	-1.423	-17.451	-210.532	-25.650
120.361	258131.	65156.	-1.130	-15.046	-177.547	-21.450
120.362	258131.	65156.	-1.130	-15.046	-177.546	-21.450
197.000	250486.	79903.	-.966	-13.579	-156.775	-13.541
283.000	241414.	74760.	-.833	-12.422	-139.803	-16.042
329.000	233972.	71381.	-.714	-11.234	-123.072	-14.053
395.752	226090.	63042.	-.595	-10.293	-107.023	-12.065
469.000	214056.	63255.	-.474	-8.924	-89.983	-9.915
469.007	214056.	63255.	-.474	-8.924	-89.983	-9.915
481.259	212210.	62520.	-.455	-8.745	-87.361	-9.535
481.260	198607.	59375.	-.617	-7.527	-87.719	-7.090
492.032	195262.	58496.	-.600	-7.376	-85.373	-6.800
492.033	195262.	58496.	-.600	-7.376	-85.377	-6.800
527.700	189030.	55770.	-.547	-6.911	-76.209	-5.803
577.275	182716.	53453.	-.468	-6.261	-68.544	-4.498
577.276	183964.	53933.	.077	-6.273	-68.504	-4.493
659.000	173257.	53466.	.109	-5.162	-52.161	-4.242
738.009	159512.	57317.	.135	-4.129	-37.483	-4.093
738.020	159512.	57317.	.135	-4.129	-37.483	-4.093
748.016	157526.	56542.	.132	-4.066	-35.609	-4.012
748.019	135583.	49860.	-.081	-2.045	-36.565	-.391
758.007	132083.	46743.	-.077	-1.958	-35.109	-.901
758.013	132083.	46743.	-.077	-1.958	-35.109	-.901
791.504	123215.	45101.	-.065	-1.576	-30.445	-.773
857.500	103385.	37523.	-.047	-1.215	-22.177	-.503
923.000	86530.	31211.	-.030	-.808	-15.343	-.289
989.000	63355.	24526.	-.013	-.475	-9.041	-.222
1055.000	50067.	17645.	-.009	-.250	-5.374	-.053
1121.000	32191.	11402.	-.004	-.101	-2.362	.028
1154.000	23564.	3337.	-.002	-.052	-1.361	.043
1137.256	15072.	5515.	-.001	-.021	-.650	.069
1220.200	7723.	2702.	-.000	-.006	-.233	.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. **3.2-455	
CHECKED *	*					NO EL *****C-5A	
APPROVED *	*	*** WING (FUEL INCLUDED) ***				REPORT NO. *IG1US54-12-	
DATE ***11/08/68*		SWEPT AXIS SYSTEM				CASE IS *** F10304	
FUEL WT. 69575.0 LB.	DENSITY 6.500 LB./GAL.		ATTITUDE 0.000 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
WT.	21794.5	21125.4	.0	.0	21125.0	22236.9	1765.0
							1306.5
STA.	MXQR	MYQR	MXPR	MYPR	SXPR	SYPR	
.000	-189.065	-.493	-39.997	2.335	-188279.	-182379.	
120.361	-159.075	-.448	-75.613	2.158	-137816.	-179964.	
120.362	-159.075	-.448	-75.613	2.158	-187816.	-179964.	
197.900	-140.224	-.079	-66.669	2.165	-182910.	-173742.	
263.800	-124.793	.371	-59.410	2.285	-176641.	-166961.	
329.800	-109.705	.463	-52.336	2.084	-171848.	-160958.	
395.752	-95.147	.650	-45.617	2.065	-166428.	-155044.	
469.866	-79.539	.947	-38.467	2.109	-157852.	-146410.	
469.887	-79.539	.947	-38.467	2.109	-157852.	-146410.	
481.259	-77.160	1.038	-37.378	2.138	-156536.	-145085.	
481.260	-78.079	3.317	-37.527	2.564	-144478.	-138502.	
492.632	-75.970	3.321	-36.519	2.542	-142824.	-136798.	
492.633	-75.970	3.321	-36.518	2.542	-142824.	-136798.	
527.700	-69.501	3.428	-33.420	2.525	-137721.	-131541.	
577.275	-60.725	3.541	-29.258	2.542	-133176.	-127074.	
577.276	-60.803	-1.743	-29.369	-.008	-121642.	-138155.	
659.600	-46.070	-1.994	-22.395	-.221	-116379.	-131149.	
738.918	-32.839	-2.235	-16.212	-.408	-106443.	-118377.	
738.920	-32.839	-2.235	-16.212	-.408	-106442.	-118377.	
748.918	-31.198	-2.203	-15.447	-.399	-105189.	-117329.	
748.919	-32.678	.583	-15.872	.529	-88310.	-103093.	
753.917	-31.383	.513	-15.235	.483	-86468.	-100340.	
756.918	-31.383	.513	-15.234	.483	-86468.	-100340.	
791.804	-27.223	.428	-13.189	.406	-80451.	-93495.	
857.500	-19.630	.348	-9.533	.315	-67650.	-76310.	
923.400	-13.719	.274	-6.609	.241	-56723.	-65448.	
989.400	-8.618	.129	-4.143	.129	-44944.	-51574.	
1055.300	-4.791	.135	-2.304	.117	-32940.	-37757.	
1121.300	-2.114	.108	-1.024	.081	-21196.	-24260.	
1154.300	-1.232	.088	-.586	.063	-15587.	-17826.	
1167.250	-.567	.086	-.230	.056	-10312.	-11317.	
1220.200	-.197	.095	-.100	.054	-5055.	-5643.	
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- 456
CHECKED **	*		MODEL *****C-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. 4IG1US54-12-
DATE *****11/01/68*		SKEPT AXIS SYSTEM	CASE ID *** F10504

FUEL WT. 49079.0 LB.	DENSITY 6.500 LB./GAL.	WT. INODE 0.000 DEG.
LOAD AXIS ORIGIN	F.S. 1126.503	B.L. .000
ROTATIONAL AXIS ORIGIN	F.S. 1126.503	B.L. .000

TANK	1	2	3	4	5	6	7	8
WT.	21794.5	21125.0	.0	.0	21125.0	12256.0	1786.0	1306.5

STA.	MXPG	MYPO	MZPO
.000	-11.568	13.143	149.069
120.361	-9.896	11.390	125.285
120.362	-9.896	11.390	125.285
197.900	-8.868	10.311	110.085
263.800	-8.094	9.460	97.466
329.800	-7.285	8.581	85.534
395.752	-6.506	7.738	73.789
469.686	-5.712	6.873	61.090
469.887	-5.712	6.873	61.090
481.259	-5.590	6.740	59.116
481.260	-4.992	5.867	58.822
492.632	-4.888	5.556	57.157
492.633	-4.888	5.556	57.157
527.700	-4.568	5.215	51.973
577.275	-4.116	4.741	44.903
577.276	-4.512	4.365	44.903
659.600	-3.679	3.623	34.431
738.919	-2.953	2.974	24.996
738.920	-2.953	2.974	24.996
748.918	-2.862	2.692	23.771
748.919	-1.842	1.346	23.006
758.917	-1.477	1.268	22.139
758.918	-1.477	1.268	22.139
791.504	-1.264	1.103	19.234
857.500	-.916	.800	13.988
923.400	-.608	.533	9.651
989.400	-.357	.313	6.183
1055.300	-.168	.165	3.325
1121.300	-.076	.066	1.419
1154.300	-.039	.034	.779
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 *		ORIGIN DATA LOADS		PAGE NO. **3.2- 457				
CHECKED **		*		MODEL *****0-5A				
APPROVED *		*** FUEL ***		REPORT NO. *IG10US54-12-1				
DATE *****12/08/66*				PAGE IN *** F10605				
FUEL WT. 19375.0 LB.		DENSITY 6.600 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	21125.0	.0	.0	21125.0	22256.0	1768.0	1306.5
STA.	ST02	MXMZ	MYNZ	MYMX	SZT00	SXT00		
.000	-89375.	-95.119	27.241	3.661	70557.	-10199.		
120.361	-89375.	-44.362	27.241	2.847	70557.	-10199.		
120.362	-89375.	-44.362	27.241	2.847	70557.	-10199.		
197.900	-77420.	-37.871	26.165	2.450	67771.	-7671.		
263.800	-66920.	-33.112	24.986	2.202	64716.	-5524.		
329.800	-63402.	-28.830	24.470	1.880	63379.	-4928.		
395.752	-58990.	-24.779	23.640	1.584	61230.	-4231.		
469.856	-52063.	-20.627	22.200	1.330	57499.	-3150.		
469.887	-52063.	-20.687	22.200	1.330	57499.	-3150.		
481.259	-51000.	-20.050	21.970	1.291	56927.	-2984.		
481.260	-51000.	-20.059	21.979	1.291	56927.	-2984.		
492.632	-49948.	-19.503	21.736	1.259	56297.	-2829.		
492.633	-49947.	-19.503	21.736	1.259	56297.	-2829.		
527.700	-46703.	-17.788	20.985	1.161	54353.	-2352.		
577.275	-44687.	-15.544	20.505	1.008	53100.	-2070.		
577.276	-44687.	-15.544	20.505	1.008	53100.	-2070.		
659.300	-42960.	-11.906	19.849	.730	51411.	-1900.		
708.919	-37962.	-8.694	17.900	.504	48363.	-1449.		
708.920	-37962.	-8.694	17.900	.504	48363.	-1449.		
748.916	-37332.	-8.289	17.654	.475	45726.	-1392.		
748.919	-37332.	-8.289	17.654	.475	45726.	-1392.		
758.917	-36429.	-7.934	17.294	.453	44790.	-1320.		
758.918	-36429.	-7.934	17.294	.453	44790.	-1320.		
791.904	-33486.	-6.776	15.121	.380	41755.	-1063.		
857.800	-26745.	-4.782	13.351	.267	34579.	-605.		
923.400	-21759.	-3.196	11.198	.170	29004.	-326.		
989.400	-16700.	-1.919	8.012	.092	22824.	-127.		
1055.300	-11475.	-.991	6.240	.043	16162.	11.		
1121.300	-6658.	-.368	3.635	.013	9934.	64.		
1154.300	-4762.	-.196	2.690	.004	6990.	64.		
1187.256	-2796.	-.071	1.605	-.000	4157.	49.		
1220.200	-958.	-.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. ***3.2-458
CHECKED **		MODEL *****C-5A
APPROVED *	*** FUEL ***	REPORT NO.*IG1US54-12-1
DATE *****11/02/68*		CASE ID *** F10505

FUEL WT. 69075.0 LB.	DENSITY 6.500 LB./GAL.	ALTITUDE 25.000 DEG.
LOAD AXIS ORIGIN	F.S. 1126.583 B.L. .000	B.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1126.583 B.L. .000	B.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT.	21794.5	21125.0	.0	.0	21125.0	22256.0	1768.0	1306.5

STA.	MX100	MY100	MZ100	MY105	SZPD	MXPD
.000	56.461	-27.805	4.616	-6.015	-142764.	-114.937
120.361	47.969	-27.900	2.788	-5.356	-142764.	-97.899
120.362	47.969	-27.900	2.788	-5.356	-142764.	-97.899
197.900	42.605	-27.641	2.090	-4.737	-137773.	-87.022
263.800	38.237	-27.272	1.655	-4.192	-131486.	-78.141
329.800	34.012	-27.085	1.315	-3.721	-128630.	-69.583
395.752	29.897	-26.694	1.010	-3.330	-124644.	-61.225
469.666	25.513	-25.914	.741	-2.999	-116739.	-52.304
469.667	25.513	-25.914	.741	-2.999	-116739.	-52.304
461.259	24.640	-25.794	.699	-2.727	-115526.	-50.936
481.260	24.640	-25.794	.699	-2.727	-115526.	-50.935
492.632	24.207	-25.647	.669	-2.649	-114150.	-49.652
492.633	24.207	-25.647	.669	-2.649	-114150.	-49.652
527.700	22.255	-25.193	.575	-2.408	-109904.	-45.696
577.275	19.605	-24.899	.463	-2.148	-107076.	-40.353
577.276	19.605	-24.899	.463	-2.148	-107076.	-40.353
659.600	15.272	-24.255	.302	-1.751	-104230.	-31.815
736.919	11.393	-22.295	.168	-1.298	-95043.	-23.707
736.920	11.393	-22.295	.168	-1.298	-95043.	-23.707
748.916	10.904	-22.046	.151	-1.241	-93864.	-22.710
748.919	10.904	-22.046	.151	-1.241	-93863.	-22.710
758.917	10.466	-21.672	.139	-1.183	-92079.	-21.608
758.918	10.466	-21.672	.139	-1.183	-92079.	-21.607
791.504	9.037	-20.454	.098	-.995	-86199.	-18.866
857.500	6.513	-17.480	.042	-.647	-71787.	-13.633
926.400	4.427	-15.756	.012	-.394	-60319.	-9.503
939.400	2.708	-12.128	-.003	-.193	-47767.	-5.712
1056.300	1.425	-8.831	-.007	-.054	-33932.	-3.014
1121.300	.570	-5.574	-.005	.018	-20922.	-1.206
1154.390	.290	-3.973	-.003	.030	-14745.	-.615
1167.256	.106	-2.392	-.001	.029	-8763.	-.225
1220.200	.014	-.838	-.000	.014	-3051.	-.029
1253.200	.000	.000	.000	.000	0.	.000
1266.200	.000	.000	.000	.000	0.	.000
1319.173	.000	.000	.000	.000	0.	.000

PREPARED *	*	UNIT INERTIA LOADS	PAGE NO. **3.2-459
CHECKED **	*		MODEL *****0-5A
APPROVED *	*	*** FUEL ***	REPORT NO. *IG1US54-12-1
DATE *****1/25/68*			CASE ID *** F10505

FUEL WT. 39375.0 LB.	DENSITY 6.500 LB./GAL.	ALTITUDE 25.000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583 B.L.	.000 A.L. 350.230
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	21125.0	.0	.0	21125.0	22256.1	1763.0	1306.5

STA.	MYPD	MYZPD	MXPS	MXPS100	MYPS100	MYZPS100
.000	56.461	2.007	12.171	-4.003	-8.155	-143.191
120.361	56.461	2.007	9.610	-3.349	-6.822	-126.008
120.362	56.461	2.007	9.610	-3.349	-6.822	-126.007
197.900	56.017	1.782	8.111	-2.255	-6.021	-114.323
263.600	55.309	1.541	7.060	-2.651	-5.405	-105.568
329.800	54.915	1.457	5.060	-2.324	-4.742	-96.777
395.752	54.129	1.327	5.124	-2.013	-4.113	-87.990
469.866	52.488	1.102	4.235	-1.726	-3.484	-78.271
469.887	52.488	1.102	4.235	-1.706	-3.494	-78.271
481.259	52.237	1.068	4.093	-1.659	-3.399	-76.780
481.260	52.237	1.068	4.093	-1.659	-3.399	-76.780
492.632	51.919	1.032	3.983	-1.617	-3.314	-75.349
492.633	51.919	1.032	3.983	-1.617	-3.314	-75.349
527.700	50.937	.921	3.623	-1.486	-3.053	-70.937
577.278	50.263	.854	3.137	-1.294	-2.668	-65.239
577.279	50.263	.854	3.137	-1.294	-2.668	-65.239
659.600	49.133	.790	2.297	-.961	-1.996	-55.694
738.919	45.601	.615	1.593	-.683	-1.425	-46.000
738.920	45.601	.615	1.593	-.683	-1.425	-46.000
748.918	45.149	.593	1.505	-.643	-1.353	-44.753
748.919	45.149	.593	1.505	-.643	-1.353	-44.753
758.917	44.430	.564	1.432	-.619	-1.293	-43.475
758.918	44.430	.564	1.432	-.619	-1.293	-43.476
791.804	42.086	.470	1.197	-.525	-1.089	-39.314
857.500	36.165	.273	.824	-.374	-.782	-31.107
923.400	31.209	.153	.519	-.241	-.507	-24.352
989.400	25.290	.060	.279	-.133	-.282	-17.333
1055.300	18.481	-.002	.126	-.063	-.133	-11.341
1121.300	11.709	-.036	.035	-.010	-.040	-6.776
1184.300	8.359	-.036	.010	-.006	-.013	-4.537
1187.256	5.041	-.028	-.003	.001	.001	-2.617
1220.200	1.771	-.012	-.004	.002	.004	-.367
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 INTERIM LOADS	PAGE NO. ***3.2- 460
CHECKED **	*		MODEL *****0-5A
APPROVED *	*	*** FUEL ***	REPORT NO. *IG1US54-12-1
DATE *****:1/00/88*			CASE ID *** F10505

FUEL WT. 39075.0 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. 285.000

TANK	1	2	3	4	5	6	7	8
WT.	21794.8	21125.0	.0	.0	21125.0	22256.0	1768.0	1303.5

STA.	MZPSIDS	MXGP	MYPR	MZPO
.000	.000	-115.386	28.203	87.132
120.361	8.492	-98.107	28.108	69.999
120.362	8.492	-98.107	28.108	69.999
197.900	13.412	-67.181	27.801	59.380
263.800	17.072	-78.296	27.427	50.869
329.800	20.902	-69.642	27.194	42.498
395.752	24.232	-61.295	26.764	34.551
469.886	26.976	-52.357	25.967	26.390
469.887	26.976	-52.357	25.967	26.390
481.259	27.396	-50.986	25.845	25.141
481.260	27.396	-50.986	25.845	25.141
492.632	27.712	-49.702	25.697	24.005
492.633	27.712	-49.702	25.697	24.005
527.700	28.682	-45.744	25.240	20.503
577.275	30.658	-40.391	24.936	15.454
577.276	30.658	-40.391	24.936	15.454
659.800	33.910	-31.629	24.278	7.351
738.919	34.208	-23.706	22.294	1.412
738.920	34.208	-23.706	22.293	1.412
748.918	34.245	-22.707	22.043	.664
748.919	34.245	-22.707	22.043	.664
758.917	33.964	-21.804	21.668	.135
758.918	33.964	-21.804	21.668	.135
791.504	33.049	-18.860	20.447	-1.388
857.500	29.652	-13.627	17.473	-3.947
923.400	26.782	-9.297	15.049	-5.753
989.400	22.583	-5.706	12.122	-6.416
1055.300	17.056	-3.010	8.828	-5.818
1121.300	11.139	-1.204	5.573	-4.369
1154.300	8.068	-.614	3.972	-3.358
1187.256	4.935	-.225	2.391	-2.167
1220.200	1.758	-.028	.838	-.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. **3.2-46/
CHECKED **	*		MODEL *****C-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. *IG1US54-12-
DATE *****11/06/66*			CASE ID *** F10505

FUEL WT. 39075.0 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	21125.0	.0	.0	21125.0	22256.0	1758.0	1306.5

STA.	SNZ	SNZ	MYNZ	MYNZ	SZTOL	SXTOL
.000	-158050.	-91.275	44.293	-8.162	114723.	-13492.
120.381	-150466.	-72.702	43.465	6.773	112577.	-12042.
120.382	-150466.	-72.702	43.465	6.773	112577.	-12042.
197.910	-134560.	-61.530	41.732	6.057	100039.	-8672.
263.800	-121029.	-53.207	40.015	5.556	103643.	-5916.
329.800	-113441.	-45.466	38.478	4.988	99862.	-4603.
395.752	-106014.	-36.231	36.931	4.473	95655.	-3391.
469.886	-95938.	-30.776	34.679	3.985	89821.	-1823.
469.887	-95938.	-30.776	34.679	3.985	89821.	-1823.
481.259	-84392.	-29.633	34.333	3.911	88921.	-1583.
481.260	-83480.	-29.665	33.386	2.936	86472.	-2753.
492.632	-61928.	-28.757	32.955	2.980	85355.	-2517.
492.633	-61829.	-28.757	32.955	2.980	85355.	-2517.
527.700	-76733.	-25.958	31.626	2.708	81913.	-1791.
577.275	-72566.	-22.274	30.533	2.462	79082.	-1236.
577.276	-72566.	-22.273	30.533	2.462	79082.	-1236.
659.800	-67770.	-16.469	28.764	2.037	74500.	-703.
738.919	-60246.	-11.391	25.899	1.586	67079.	-4.
738.920	-60246.	-11.391	25.899	1.586	67079.	-4.
748.918	-59297.	-10.751	25.537	1.541	66143.	34.
748.919	-48349.	-10.790	23.070	.635	59754.	-1754.
758.917	-47069.	-10.335	22.555	.606	58420.	-1631.
758.918	-47069.	-10.335	22.555	.606	58420.	-1631.
790.504	-42896.	-8.853	20.476	.514	54072.	-1316.
857.500	-36004.	-6.288	17.448	.366	45191.	-723.
923.400	-27957.	-4.254	14.523	.241	37615.	-361.
989.400	-21416.	-2.619	11.410	.139	29552.	-109.
1055.800	-15185.	-1.418	8.346	.072	21618.	34.

PREPARED * * * * * UNIT INERTIA LOADS PAGE NO. **3.2- 462
 CHECKED * * * * * MODEL *****C-5A
 APPROVED * * * * * *** WING (FUEL INCLUDED) *** REPORT NO. *IGIUS54-12-1
 DATE *****11/33/68* CASE ID *** F10505

FUEL WT. 29375.0 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	21125.0	.0	.0	21125.0	22256.0	1768.0	1306.5

STA.	EXTD	HYTD	MZTD	MYTD	SZPD	MXPD
.000	85.171	-43.718	4.144	-9.780	-236411.	-180.176
120.361	71.469	-43.439	2.588	-8.546	-235211.	-151.852
120.362	71.469	-43.439	2.588	-8.546	-235211.	-151.852
197.900	62.911	-42.768	1.781	-7.555	-228599.	-133.861
263.300	55.934	-42.065	1.300	-6.714	-220506.	-119.046
329.300	49.227	-41.038	.952	-5.946	-214602.	-104.689
395.752	42.790	-40.108	.689	-5.217	-207669.	-90.765
469.886	35.939	-38.695	.500	-4.387	-196176.	-75.810
469.887	35.939	-38.695	.500	-4.387	-196176.	-75.810
481.259	34.883	-38.478	.471	-4.260	-194410.	-73.516
481.260	34.896	-38.024	.467	-4.142	-180892.	-73.424
492.632	33.940	-37.706	.442	-4.017	-178742.	-71.419
492.633	33.940	-37.706	.442	-4.017	-178742.	-71.419
527.700	30.995	-36.726	.364	-3.629	-172110.	-65.237
577.275	27.015	-35.919	.291	-3.199	-166340.	-66.671
577.276	27.015	-35.919	.291	-3.199	-166340.	-66.671
659.300	20.671	-34.194	.209	-2.538	-158435.	-43.460
738.919	15.059	-31.310	.180	-1.878	-144612.	-31.423
738.920	15.059	-31.310	.180	-1.878	-144612.	-31.423
748.918	14.352	-30.946	.176	-1.795	-142868.	-29.906
748.919	14.375	-29.197	.169	-1.621	-121730.	-29.782
758.917	13.607	-28.651	.154	-1.543	-119182.	-28.622
758.918	13.307	-23.651	.154	-1.543	-119182.	-28.622
791.534	11.956	-26.871	.105	-1.298	-110871.	-24.848
857.500	8.675	-23.151	.036	-.845	-93141.	-18.684
923.400	5.972	-19.772	.002	-.511	-77881.	-12.804
939.400	3.752	-16.897	-.014	-.250	-61668.	-7.877
1055.300	2.073	-11.969	-.016	-.073	-45175.	-4.350
1121.300	.908	-7.901	-.011	.024	-29048.	-1.901
1154.300	.512	-5.837	-.007	.044	-21359.	-1.071
1187.256	.235	-3.972	-.004	.047	-14140.	-.437
1220.200	.070	-2.034	-.001	.032	-6955.	-.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

SFA.	NYPD	MZPD	MXPS	MXPS100	MYPS100	MZPS100
.000	83.171	2.951	20.154	-6.819	-16.010	-223.499
120.361	85.019	2.770	16.405	-5.775	-13.817	-194.703
120.362	85.019	2.770	16.405	-5.775	-13.817	-194.702
197.900	84.302	2.399	14.251	-5.156	-12.480	-176.001
263.300	83.275	2.046	12.724	-4.667	-11.423	-160.491
329.300	82.096	1.773	11.236	-4.173	-10.354	-145.075
395.752	80.646	1.515	9.985	-3.702	-9.296	-130.203
469.886	79.078	1.163	8.742	-3.224	-8.242	-113.843
469.887	79.078	1.163	8.742	-3.224	-8.242	-113.843
431.259	77.684	1.109	8.551	-3.151	-8.081	-111.533
481.260	76.511	1.221	7.341	-2.921	-6.873	-111.034
492.532	75.950	1.159	7.179	-2.858	-6.737	-108.713
492.633	75.950	1.159	7.179	-2.858	-6.737	-108.712
527.730	74.220	.968	6.679	-2.661	-6.316	-101.556
577.275	72.667	.818	6.015	-2.381	-5.724	-92.586
577.276	72.667	.818	6.015	-2.381	-5.724	-92.586
659.600	69.812	.623	4.934	-1.915	-4.725	-77.246
738.919	64.551	.358	4.051	-1.520	-3.871	-62.533
738.920	64.551	.358	4.050	-1.520	-3.871	-62.533
748.918	63.888	.324	3.939	-1.471	-3.783	-60.453
748.919	63.126	.750	1.990	-.971	-1.820	-58.960
758.917	68.099	.709	1.393	-.835	-1.744	-57.253
758.918	68.099	.709	1.396	-.835	-1.744	-57.253
791.504	54.754	.573	1.600	-.715	-1.495	-51.690
857.500	47.426	.329	1.113	-.517	-1.082	-41.213
923.750	40.705	.167	.725	-.344	-.723	-32.255
989.400	32.991	.046	.415	-.204	-.429	-23.755
1035.300	24.888	-.064	.209	-.107	-.226	-16.013
1121.500	16.466	-.068	.030	-.043	-.091	-9.798
1154.300	12.279	-.067	.040	-.023	-.047	-6.955
1187.256	8.266	-.056	.015	-.009	-.019	-4.458
1220.200	4.180	-.034	.004	-.003	-.005	-2.177
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. **3.2-464
CHECKED **	*		MODEL *****0-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. *IG1US54-12-1
DATE *****11/08/68*			CASE ID *** F10505

FUEL WT. 39575.0 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.	21794.5	21125.9	.0	.0	21125.0	22256.0	1768.0	1306.5

STA.	MZPSIDS	MXGR	MYPR	MZPG
.000	.000	-179.781	43.323	136.458
126.561	13.550	-151.263	42.351	108.413
120.562	13.550	-151.263	42.351	109.412
197.900	21.391	-133.233	+2.140	91.092
263.300	27.341	-118.425	+1.445	76.991
329.800	32.860	-104.037	40.386	63.652
395.752	37.856	-90.095	39.439	50.657
469.886	42.139	-75.148	38.032	37.116
469.887	42.139	-75.148	38.032	37.115
481.259	42.796	-72.855	37.317	35.038
481.260	41.615	-73.010	37.610	35.400
492.632	42.010	-71.007	37.294	33.713
492.633	42.010	-71.006	37.294	33.713
527.700	43.226	-64.830	36.318	28.511
577.275	45.652	-56.467	35.515	20.952
577.276	45.652	-56.467	35.515	20.952
659.500	49.140	-43.052	33.786	9.267
738.919	49.492	-31.023	30.910	.113
738.920	49.492	-31.023	30.910	.113
748.918	49.536	-29.507	30.547	-1.740
748.919	44.751	-29.752	29.177	.585
758.917	44.293	-23.602	28.631	-.029
758.918	44.293	-23.602	28.631	-.029
791.504	42.798	-24.818	25.849	-2.031
857.500	33.751	-13.062	23.129	-5.067
923.400	34.733	-12.433	19.751	-7.263
969.400	29.239	-7.358	15.978	-8.019
1055.500	22.614	-4.344	11.983	-7.619
1121.500	15.558	-1.897	7.697	-6.000
1154.500	11.766	-1.058	5.885	-4.818
1187.250	8.031	-.486	3.971	-3.435
1220.200	4.110	-.143	2.033	-1.890
1253.200	.689	-.034	.353	-.319
1286.200	.357	-.011	.184	-.174
1319.173	.000	.000	.000	.000

PREPARED *	*	UNIT 1 VERTIA LOADS				PAGE NO. ** 3.2-465		
CHECKED **	*					MODEL ***** C-5A		
APPROVED *	*	*** WING (FUEL INCLUDED) ***				REPORT NO. * LG1US54-12-		
DATE *****11/05/68*		SHEPT AXIS SYSTEM				CASE ID *** F105J5		
FUEL WT. 39075.0 LB.		DENSITY 6.500 LB./GAL.		ATTITUDE 25.000 DEG.				
LOAD AXIS ORIGIN		F.S. 1136.533 B.L.		.000		B.L. 350.250		
ROTATIONAL AXIS ORIGIN		F.S. 1136.533 B.L.		.000		B.L. 265.000		
TANK	1	2	3	4	5	6	7	8
WT.	21794.0	21125.0	.0	.0	21125.0	22256.0	1768.0	1300.5
SXA.	SXNX	SYNX	MXNX	SYNX	MZNX	MZNY		
.000	-148378.	-49367.	-2.559	7.747	91.273	-27.254		
120.351	-142920.	-47353.	-2.132	6.428	72.702	-21.114		
120.362	-142620.	-47356.	-2.132	6.428	72.702	-21.114		
197.900	-127722.	-42351.	-1.906	5.749	61.630	-18.284		
263.600	-114878.	-38092.	-1.749	5.274	53.207	-16.280		
329.600	-107076.	-35704.	-1.570	4.735	45.405	-13.749		
395.752	-100027.	-33367.	-1.403	4.245	38.231	-11.503		
469.686	-91062.	-30195.	-1.254	3.733	30.776	-9.308		
469.687	-91062.	-30195.	-1.254	3.733	30.770	-9.308		
481.259	-89095.	-29709.	-1.231	3.712	29.633	-9.016		
481.260	-79238.	-26274.	-.924	2.737	29.665	-10.995		
492.632	-77669.	-25754.	-.907	2.734	28.757	-10.699		
492.633	-77669.	-25754.	-.907	2.734	28.757	-10.699		
527.760	-72633.	-24151.	-.852	2.570	25.953	-9.663		
577.275	-63973.	-22671.	-.775	2.337	22.274	-8.729		
577.276	-60728.	-28772.	-.975	2.261	22.273	-8.729		
659.600	-62231.	-26833.	-.807	1.371	16.469	-6.024		
738.919	-55322.	-23354.	-.667	1.548	11.391	-3.623		
738.920	-55322.	-23354.	-.667	1.548	11.391	-3.623		
748.918	-54451.	-23473.	-.650	1.507	10.761	-3.358		
748.919	-44398.	-19144.	-.251	.583	10.790	-4.965		
758.917	-43222.	-18637.	-.240	.557	10.365	-4.746		
758.918	-43222.	-18637.	-.240	.557	10.365	-4.746		
791.504	-39391.	-16985.	-.203	.472	8.853	-4.043		
657.500	-31776.	-13701.	-.145	.336	6.268	-2.384		
923.400	-25072.	-11069.	-.095	.221	4.254	-1.962		
989.400	-19656.	-8480.	-.055	.128	2.619	-1.173		
1055.300	-13944.	-6013.	-.029	.066	1.416	-.660		
1121.300	-8689.	-3746.	-.011	.026	.606	-.298		
1154.300	-6292.	-2713.	-.006	.013	.337	-.175		
1187.256	-4105.	-1770.	-.002	.005	.162	-.094		
1220.200	-1938.	-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 *	JOINT INERTIA LOADS				PAGE NO. **3.2-466				
CHECKED **	*					FUEL *****C-5A			
APPROVED *	*	*** WING (FUEL INCLUDED) ***				REPORT NO. *LG1US54-12-1			
DATE *****11/06/08*	SWEEP AXIS SYSTEM				CASE ID *** F10305				
FUEL WT. 39075.0 LB.		DENSITY 6.500 LB./GAL.		ALTITUDE 25.000 DEG.					
LOAD AXIS ORIGIN		F.S. 1106.583	B.L.	0.00	M.L. 350.250				
ROTATIONAL AXIS ORIGIN		F.S. 1106.583	B.L.	0.00	M.L. 265.000				
TRAC	1	2	3	4	5	6	7	8	
WT.	21794.5	21125.0	.0	.0	21125.0	22256.0	1763.0	1306.5	
STA.	S2NZ	MXNZ	MYNZ	SAT00	SYT00	SZT00			
.000	-156850.	-95.214	-2.359	-12807.	-4247.	114723.			
120.361	-150466.	-75.652	-2.341	-11430.	-3790.	112577.			
120.362	-150466.	-75.652	-2.341	-11430.	-3790.	112577.			
197.900	-134560.	-64.252	-2.043	-8231.	-2729.	108089.			
263.300	-121029.	-55.627	-1.293	-5615.	-1862.	103643.			
329.800	-113441.	-47.482	-1.260	-4370.	-1450.	99652.			
395.752	-106014.	-39.908	-1.115	-3219.	-1067.	95655.			
469.880	-95938.	-32.142	-.351	-1731.	-574.	89821.			
469.887	-95938.	-32.142	-.351	-1731.	-574.	89821.			
481.259	-94392.	-30.964	-.769	-1502.	-498.	88925.			
481.260	-83460.	-31.618	1.100	-2613.	-866.	86472.			
492.632	-81828.	-30.663	1.104	-2390.	-792.	85356.			
492.633	-81828.	-30.663	1.104	-2339.	-792.	85355.			
527.750	-76733.	-27.743	1.192	-1700.	-564.	81913.			
577.275	-72006.	-23.389	1.275	-1174.	-368.	79082.			
577.276	-72006.	-23.389	-.303	-1135.	-490.	79082.			
659.000	-67770.	-17.508	-.990	-645.	-270.	74300.			
738.919	-60246.	-11.895	-1.134	-4.	-2.	67079.			
738.920	-60246.	-11.895	-1.134	-4.	-2.	67079.			
748.913	-59297.	-11.202	-1.175	77.	30.	66143.			
748.919	-48349.	-11.632	.305	-1210.	-694.	59754.			
758.917	-47069.	-11.359	.206	-1516.	-654.	58420.			
758.918	-47069.	-11.359	.206	-1516.	-654.	58420.			
791.004	-42896.	-9.730	.207	-1209.	-521.	54072.			
857.500	-34604.	-6.916	.158	-663.	-258.	45191.			
925.400	-27957.	-4.633	.117	-331.	-143.	37615.			
989.400	-21416.	-2.371	.046	-100.	-43.	29382.			
1055.300	-15185.	-1.552	.046	50.	22.	21618.			
1121.300	-9462.	-.674	.034	107.	46.	13875.			
1154.000	-6052.	-.379	.027	105.	45.	10194.			
1187.250	-4471.	-.177	.027	87.	36.	6784.			
1220.200	-2165.	-.060	.029	52.	23.	3368.			
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. **3.2-467
CHECKED **	*		MODEL *****0-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. 4IG10554-12-1
DATE *****11/03/68*		SWEPT AXIS SYSTEM	CASE ID *** F10505

FUEL WT. 89375.0 LB.	DENSITY 6.500 LB./GAL.	ALTITUDE 25.000 DEG.
LOAD AXIS ORIGIN	F.S. 1136.533 B.L.	.000 B.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1136.533 B.L.	.000 B.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT.	21794.5	21425.0	.0	.0	21125.0	22256.0	1768.0	1300.5
STA.	EXTD	MYTDD	MZTDD	SYTDS	SYTDS	SYTDS	SYTDS	SYTDS
.000	90.680	-2.831	4.144	108893.	36108.	13492.		
120.301	76.246	-2.805	2.588	106856.	35432.	12042.		
120.362	76.246	-2.865	2.533	106856.	35432.	12042.		
197.900	67.247	-2.916	1.781	102595.	34020.	8672.		
263.800	59.934	-3.031	1.300	98375.	32020.	5916.		
329.800	52.804	-2.837	.952	94597.	31367.	4608.		
395.752	46.017	-2.324	.689	90794.	30106.	3391.		
469.686	38.815	-2.871	.500	85256.	28270.	1323.		
469.687	33.815	-2.871	.500	85256.	28270.	1323.		
481.259	37.719	-2.903	.471	84406.	27908.	1583.		
481.260	37.790	-3.094	.467	82077.	27210.	2753.		
492.632	36.776	-3.072	.442	81018.	26805.	2517.		
492.633	36.776	-3.072	.442	81018.	26865.	2517.		
527.700	33.667	-3.053	.364	77750.	25781.	1791.		
577.275	29.474	-3.053	.291	75063.	24890.	1236.		
577.276	29.633	-3.493	.291	72619.	31312.	1236.		
659.600	22.620	-3.259	.209	68412.	29498.	763.		
738.019	16.405	-3.013	.180	61597.	26560.	4.		
738.020	16.405	-3.013	.180	61597.	26560.	4.		
748.016	15.635	-3.013	.176	60738.	26189.	-84.		
748.019	15.910	-3.504	.169	54671.	23088.	1734.		
758.917	15.275	-3.545	.154	53646.	23131.	1651.		
758.918	15.270	-3.545	.154	53646.	23131.	1651.		
791.504	13.217	-3.456	.105	49653.	21410.	1316.		
857.500	9.602	-3.358	.036	41497.	17693.	728.		
923.500	6.621	-3.273	.002	34541.	14893.	301.		
989.400	4.149	-3.147	-.014	27137.	11701.	169.		
1055.500	2.310	-3.122	-.013	19551.	8501.	-54.		
1121.500	1.025	-3.034	-.011	12741.	5494.	-117.		
1154.300	.585	-3.055	-.007	9360.	4036.	-115.		
1187.250	.280	-3.057	-.004	6212.	2678.	-95.		
1220.200	.100	-3.034	-.001	3093.	1334.	-57.		
1253.200	.027	-3.019	-.000	505.	218.	-12.		
1286.200	.011	-3.013	-.000	255.	110.	-7.		
1319.173	-.000	-.000	.000	0.	0.	-0.		

PREPARED *	UNIT INERTIA LOADS				PAGE NO. **3.2-468			
CHECKED *					MODEL *****C-5A			
APPROVED *	*** WING (FUEL INCLUDED) ***				REPORT NO. *IC1US54-12-1			
DATE *****11/08/68*	SWEPT AXIS SYSTEM				CASE ID *** F10605			
FUEL WT. 69375.0 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	21125.0	.0	.0	21125.0	22256.0	1703.0	1305.5
SFA.	MXTDS	MYTDS	MZTDS	SEPD	MAXPD	MYPD		
.000	6.551	-6.537	-85.171	-236411.	-189.743	-.243		
120.361	4.583	-5.599	-71.469	-235211.	-159.397	-.259		
120.562	4.583	-5.599	-71.469	-235211.	-159.896	-.259		
197.900	3.593	-3.176	-62.911	-228599.	-141.053	.076		
263.300	2.982	-4.862	-55.934	-220506.	-125.596	.530		
329.300	2.459	-4.390	-49.227	-214662.	-110.479	.557		
395.752	2.040	-3.953	-42.790	-207680.	-95.856	.695		
469.386	1.703	-3.549	-35.939	-196176.	-80.204	1.003		
469.387	1.703	-3.549	-35.939	-196176.	-80.204	1.008		
481.259	1.654	-3.492	-34.388	-194410.	-77.319	1.104		
481.260	1.515	-3.034	-34.896	-130892.	-73.583	3.461		
492.532	1.463	-3.024	-33.940	-178742.	-76.353	3.457		
492.533	1.468	-3.024	-33.940	-178742.	-76.392	3.467		
527.700	1.327	-2.348	-30.995	-172110.	-69.919	3.583		
577.275	1.166	-2.593	-27.015	-166340.	-61.143	3.700		
577.276	1.387	-2.432	-27.015	-166340.	-61.254	-1.622		
659.503	1.103	-2.031	-20.671	-158435.	-46.501	-1.920		
738.919	.903	-1.552	-15.059	-144612.	-33.243	-2.257		
738.920	.908	-1.652	-15.059	-144612.	-33.243	-2.257		
743.915	.884	-1.507	-14.352	-142668.	-31.593	-2.249		
743.916	.538	-.819	-14.375	-121733.	-32.729	.687		
758.917	.503	-.732	-13.607	-119182.	-31.432	.608		
758.918	.503	-.732	-13.607	-119182.	-31.431	.608		
791.504	.402	-.657	-11.956	-110871.	-27.263	.491		
857.500	.247	-.431	-8.675	-93141.	-19.863	.393		
923.400	.140	-.320	-5.972	-77881.	-13.744	.296		
989.400	.066	-.138	-3.752	-61664.	-8.681	.123		
1055.000	.025	-.093	-2.073	-45175.	-4.794	.132		
1121.300	.005	-.039	-.908	-29048.	-2.115	.107		
1134.000	.001	-.020	-.512	-21359.	-1.203	.087		
1137.250	-.001	-.006	-.235	-14140.	-.568	.086		
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. **3.2-469
CHECKED **	*		MODEL *****C-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. *IG1US54-12-1
DATE *****11/03/66*		SWEPT AXIS SYSTEM	CASE ID *** F10505

FUEL WT. 89375.0 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	21125.0	.0	.0	21125.0	22256.0	1728.0	1306.5
STA.	.000	.42PD	SXPS	SYPS	FXPS	MYPS	.42PS	
		1.496	-74407.	224396.	19.600	4.924	59.489	
120.361	.982	-74030.	223257.	15.881	4.232	50.030		
120.362	.982	-74030.	223257.	15.881	4.232	50.030		
197.900	.887	-71949.	216981.	13.816	3.646	44.457		
263.300	.886	-69402.	209299.	12.356	3.163	40.032		
329.300	.758	-67562.	203753.	10.954	2.823	35.301		
395.752	.702	-65363.	197134.	9.699	2.477	30.829		
469.366	.681	-61744.	186206.	8.512	2.105	26.200		
469.367	.681	-61744.	186206.	8.512	2.105	26.200		
481.259	.685	-61183.	184530.	8.332	2.042	25.540		
481.260	.482	-56934.	171699.	7.119	1.852	27.993		
492.532	.474	-56257.	169658.	6.963	1.809	27.335		
492.533	.474	-56257.	169658.	6.963	1.809	27.335		
527.700	.460	-54169.	163353.	6.784	1.665	25.407		
577.275	.447	-52354.	157887.	5.850	1.469	22.756		
577.276	.447	-55862.	152746.	5.701	1.971	22.756		
639.300	.383	-62732.	145487.	4.684	1.598	16.649		
738.919	.356	-57259.	132794.	3.860	1.277	11.081		
738.920	.356	-57259.	132793.	3.860	1.277	11.081		
748.918	.353	-56553.	131192.	3.758	1.203	10.448		
748.919	.094	-48200.	111794.	1.864	.701	13.590		
758.917	.034	-47190.	109442.	1.776	.675	13.004		
758.918	.034	-47190.	109442.	1.776	.675	13.004		
791.504	.057	-43899.	101309.	1.492	.582	11.246		
857.500	.023	-36879.	85328.	1.036	.422	8.225		
923.400	.005	-30837.	71516.	.668	.282	5.714		
989.400	-.006	-24415.	56625.	.379	.169	3.530		
1055.300	-.007	-17827.	41483.	.189	.089	2.020		
1121.300	-.005	-11501.	26674.	.071	.027	.936		
1154.300	-.004	-8457.	19613.	.035	.019	.558		
1187.250	-.002	-5599.	12985.	.017	.008	.304		
1220.200	-.001	-2754.	6386.	.008	.003	.165		
1253.200	-.001	-437.	1014.	.002	.001	.053		
1286.200	-.000	-217.	303.	.001	.001	.031		
1319.178	.000	0.	-0.	.000	.000	.000		

PREPARED *	*	UNIT INERTIA LOADS	PAGE NO. **3.2-470
CHECKED **	*		MODEL *****C-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. * IG1US54-12-1
DATE *****11/03/68*		SWEEP AXIS SYSTEM	CASE ID *** F10505

FUEL WT. 39575.0 LB.	DENSITY 6.500 LB./GAL.	ALTITUDE 25.000 DEG.
LOAD AXIS ORIGIN	F.S. 1116.583 B.L.	.000 H.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1116.583 B.L.	.000 H.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT. 21794.5	21125.0	.0	.0	21125.0	22256.0	1768.0	1306.5	
STA.	SXPS100	S/PS100	MAXPS100	MYPS100	MZPS100	MZPS105		
.000	250504.	37214.	-1.433	-17.342	-211.026	-25.632		
120.561	253639.	35460.	-1.133	-14.933	-177.980	-21.389		
120.562	253639.	35460.	-1.133	-14.933	-177.980	-21.389		
197.960	251001.	30180.	-.966	-13.469	-157.160	-18.444		
263.600	241920.	75017.	-.835	-12.312	-140.166	-15.902		
329.300	235120.	71937.	-.708	-11.122	-123.380	-13.926		
395.732	227240.	62586.	-.588	-9.989	-107.259	-11.961		
469.586	214476.	63475.	-.466	-8.838	-90.090	-9.739		
469.587	214476.	63475.	-.466	-8.838	-90.090	-9.739		
481.259	212018.	62691.	-.447	-8.662	-87.482	-9.348		
481.260	198915.	59547.	-.510	-7.444	-87.841	-6.903		
492.632	196523.	58646.	-.592	-7.294	-85.497	-6.606		
492.633	196523.	58646.	-.592	-7.294	-85.497	-6.606		
527.760	189144.	56870.	-.538	-6.932	-78.324	-5.837		
577.275	182777.	55527.	-.458	-6.183	-68.057	-4.269		
577.276	184038.	56997.	.030	-6.199	-68.057	-4.268		
659.600	174985.	63577.	.113	-5.097	-52.248	-4.022		
738.919	159353.	57263.	.137	-4.157	-37.531	-3.978		
738.920	159353.	57263.	.137	-4.157	-37.531	-3.978		
748.916	157532.	56491.	.140	-4.033	-35.712	-3.906		
748.919	136443.	49810.	-.079	-2.016	-36.663	-.784		
758.917	132573.	45705.	-.076	-1.932	-35.143	-.803		
758.918	132573.	45705.	-.076	-1.932	-35.143	-.803		
791.364	123219.	45103.	-.065	-1.656	-30.471	-.710		
857.510	103422.	37547.	-.046	-1.193	-22.193	-.450		
923.400	86410.	31163.	-.030	-.300	-15.385	-.258		
989.400	63326.	24515.	-.018	-.475	-9.630	-.221		
1055.300	50043.	17637.	-.009	-.249	-5.371	-.053		
1121.300	32168.	11394.	-.004	-.101	-2.380	.028		
1154.300	23649.	8352.	-.002	-.052	-1.360	.044		
1187.256	15863.	5512.	-.001	-.021	-.050	.069		
1220.200	7720.	2701.	-.000	-.006	-.235	.095		
1253.200	1232.	925.	-.000	-.003	-.063	.036		
1286.200	013.	210.	-.000	-.001	-.027	.025		
1319.175	-0.	-0.	-.000	.000	.000	.000		

PREPARED *	*	UNIT INERTIA LOADS				PAGE NO. ***3.2-47/	
CHECKED **	*					MODEL *****0-5A	
APPROVED *	*	*** WING (FUEL INCLUDED) ***				REPORT NO. *IG1US54-12-	
DATE *****1/26/68*		SHEPT AXIS SYSTEM				CASE ID *** F10505	
FUEL WT. 39575.0 LB.		DENSITY 6.500 LB./GAL.		ATTITUDE 25.000 DEG.			
LOAD AXIS ORIGIN		F.S. 1113.533	B.L. .000	A.L. 350.250			
ROTATIONAL AXIS ORIGIN		F.S. 1113.533	B.L. .000	A.L. 285.000			
PAIR	1	2	3	4	5	6	7
WT. 21797.5	21125.0	.0	.0	21125.0	22256.0	1768.0	1305.5
STA.	MXQR	MY QR	MXPR	MYPR	SXPR	SYPR	
.000	-159.367	-.119	-90.555	2.485	-188288.	-183300.	
120.361	-159.333	-.074	-76.061	2.306	-187825.	-180885.	
120.362	-159.333	-.074	-76.061	2.306	-187825.	-180885.	
197.900	-140.457	.274	-67.049	2.320	-182961.	-174544.	
263.800	-125.007	.725	-59.739	2.441	-176679.	-167777.	
329.300	-109.861	.762	-52.599	2.218	-172386.	-162159.	
395.752	-95.219	.906	-45.806	2.188	-167027.	-156162.	
469.886	-79.575	1.217	-38.607	2.243	-157936.	-147000.	
469.887	-79.575	1.217	-38.607	2.243	-157936.	-147000.	
481.259	-77.191	1.312	-37.511	2.275	-156541.	-145594.	
481.260	-73.110	3.591	-37.660	2.701	-144483.	-139011.	
492.852	-76.001	3.597	-36.646	2.680	-142793.	-137273.	
492.853	-76.001	3.597	-36.646	2.680	-142793.	-137274.	
527.708	-69.532	3.712	-33.536	2.686	-137582.	-131920.	
577.275	-60.759	3.827	-29.351	2.684	-132996.	-127417.	
577.276	-60.862	-1.461	-29.473	.126	-121433.	-138481.	
659.500	-46.126	-1.758	-22.461	-.113	-115969.	-131144.	
738.919	-32.875	-2.108	-16.246	-.354	-106234.	-119855.	
738.920	-32.875	-2.108	-16.246	-.354	-106234.	-118855.	
748.918	-31.231	-2.091	-15.477	-.352	-105002.	-117303.	
748.919	-32.711	.695	-15.962	.575	-88124.	-103070.	
758.917	-31.413	.616	-15.262	.526	-86311.	-100333.	
758.918	-31.413	.616	-15.262	.526	-86311.	-100333.	
791.504	-27.243	.580	-13.203	.436	-80400.	-98551.	
857.500	-19.842	.402	-9.593	.338	-67635.	-78376.	
923.500	-13.725	.306	-6.613	.253	-56623.	-65377.	
989.400	-8.614	.130	-4.142	.130	-44924.	-51553.	
1055.300	-4.789	.135	-2.307	.117	-32924.	-37736.	
1121.300	-2.113	.108	-1.024	.081	-21180.	-24242.	
1154.300	-1.201	.088	-.535	.063	-15577.	-17817.	
1187.256	-.567	.036	-.260	.056	-10307.	-11810.	
1220.200	-.197	.095	-.100	.054	-5053.	-5847.	
1253.200	-.052	.035	-.027	.019	-796.	-942.	
1286.200	-.022	.024	-.011	.013	-393.	-472.	
1319.175	.000	.000	-.000	.000	0.	0.	

PREPARED *	*	UNIT INERTIA LOADS				PAGE NO. **3.2-472		
CHECKED *	*					MODEL *****0-5A		
APPROVED *	*	*** WING (FUEL INCLUDED) ***				REPORT NO. *IG1US54-12-1		
DATE *****1708/68*		SWEPT AXIS SYSTEM				CASE ID *** F10305		
FUEL WT. 59375.0 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. 255.000		
TANK	1	2	3	4	5	6	7	8
WT. 21794.5	21125.0	.0	.0	21125.0	22256.0	1763.0	1306.5	
STA.	FXPG	YPG	WPG					
.500	-11.511	13.050	148.921					
120.581	-9.830	11.297	125.135					
120.582	-9.830	11.297	125.135					
197.900	-8.822	10.223	109.927					
263.500	-8.025	9.374	97.306					
329.000	-7.213	8.496	85.377					
395.752	-6.439	7.659	73.601					
469.685	-5.654	6.809	60.855					
469.687	-5.654	6.809	60.852					
481.259	-5.534	6.678	58.889					
481.260	-4.936	5.605	58.593					
492.632	-4.833	5.495	56.923					
492.633	-4.833	5.495	56.922					
527.700	-4.514	5.157	51.743					
577.275	-4.061	4.684	44.661					
577.276	-4.453	4.314	44.331					
659.500	-3.629	3.581	34.265					
738.919	-2.929	2.953	24.916					
738.920	-2.929	2.953	24.916					
748.916	-2.840	2.870	23.702					
748.919	-1.521	1.326	22.037					
758.917	-1.457	1.271	22.075					
758.918	-1.457	1.271	22.075					
791.514	-1.249	1.090	19.138					
857.500	-.903	.739	13.953					
923.400	-.602	.529	9.632					
989.500	-.357	.313	6.399					
1055.500	-.188	.165	3.323					
1121.500	-.076	.066	1.418					
1154.300	-.039	.034	.779					
1187.250	-.016	.014	.324					
1220.200	-.004	.004	.055					
1253.200	-.002	.002	.006					
1286.200	-.001	.001	-.000					
1319.175	.000	-.000	.000					

PREPARED *	*	UNIT INERTIA LOADS	PAGE NO. **3.2-475
CHECKED **	*		MODEL *****C-5A
APPROVED *	*	*** FUEL ***	REPORT NO. *IG1US54-12-1
DATE *****11/08/68*			CASE ID *** F10601

PREPARED *	*	UNIT INERTIA LOADS	PAGE NO. **3.2-473
CHECKED **	*		MODEL *****C-5A
APPROVED *	*	*** FUEL ***	REPORT NO. *IG1US54-12-1
DATE *****11/08/68*			CASE ID *** F10601

FUEL WT. 117250.0 LB.	DENSITY 6.500 LB./GAL.	ATTITUDE -29.000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583 B.L.	W.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1106.583 B.L.	W.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT.	22794.5	30062.0	.0	.0	30062.5	22256.0	1766.0	1306.5

STA.	SZHZ	HNHZ	MYNZ	MYHX	SZTLD	SXTOD
.000	-107250.	-63.225	30.391	4.050	78716.	-13192.
120.361	-107250.	-60.317	30.391	3.043	78716.	-13192.
120.362	-107250.	-60.316	30.391	3.043	78716.	-13192.
197.900	-94211.	-42.511	29.401	2.575	76132.	-10384.
263.800	-84557.	-36.611	28.349	2.213	73427.	-8456.
329.800	-75005.	-31.342	27.009	1.914	69954.	-6831.
395.752	-66330.	-26.664	25.642	1.639	66415.	-5197.
469.886	-59065.	-22.026	24.225	1.347	62744.	-4066.
469.887	-59065.	-22.026	24.225	1.347	62744.	-4066.
481.259	-58564.	-21.314	24.007	1.303	62161.	-3893.
481.260	-58563.	-21.314	24.007	1.303	62160.	-3893.
492.632	-57740.	-20.667	23.824	1.259	61705.	-3777.
492.633	-57740.	-20.667	23.824	1.259	61705.	-3777.
527.700	-55205.	-16.672	23.259	1.124	60242.	-3422.
577.275	-53025.	-15.990	22.393	.929	59294.	-3212.
577.276	-53025.	-15.990	22.393	.929	59294.	-3212.
659.500	-48550.	-11.630	21.143	.638	54763.	-2631.
738.919	-38551.	-8.279	17.610	.454	45612.	-1632.
738.920	-38551.	-8.279	17.610	.454	45612.	-1632.
746.918	-37291.	-7.850	17.165	.430	44489.	-1506.
746.919	-37291.	-7.850	17.165	.430	44489.	-1506.
758.917	-36194.	-7.501	16.749	.411	43580.	-1414.
758.918	-36194.	-7.501	16.749	.411	43580.	-1414.
791.504	-32517.	-6.360	15.392	.347	39666.	-1115.
857.500	-26401.	-4.416	12.915	.233	33451.	-676.
923.500	-21035.	-2.843	10.627	.142	27524.	-373.
989.500	-15200.	-1.647	7.922	.079	20519.	-128.
1055.500	-10019.	-.817	5.375	.038	13922.	10.
1121.500	-5031.	-.305	3.101	.012	8031.	56.
1150.500	-3742.	-.150	2.085	.005	5032.	25.

PREPARED *	*	UNIT INERTIA LOADS	FILE NO. *B.2-476
CHECKED **	*		LEVEL *****0-5A
APPROVED *	*	*** FUEL ***	REPORT NO. HG1US54-12-1
DATE *****11/06/68*			CASE ID *** F10501

FUEL WT. 107250.0 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.	.000 W.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT.	21794.5	30062.5	.0	.0	30062.5	22256.0	1764.0	1300.5

STA.	HZPSIDS	MXCR	MYPR	MZPR
.000	.000	-125.400	29.625	95.364
126.361	9.474	-105.656	29.502	76.154
129.362	9.474	-105.656	29.502	76.154
197.900	15.070	-93.118	29.235	63.384
263.000	19.370	-82.832	28.885	53.343
329.600	23.071	-72.979	28.359	44.619
395.752	26.284	-63.634	27.737	35.397
469.666	29.441	-53.769	26.985	26.784
469.887	29.441	-53.769	26.785	26.784
481.259	29.925	-52.256	26.870	25.386
481.260	29.925	-52.255	26.870	25.386
492.632	30.381	-50.820	26.761	24.059
492.633	30.382	-50.820	26.761	24.059
527.750	31.789	-46.394	26.424	19.270
577.275	34.229	-40.322	26.193	14.129
577.276	34.229	-40.322	26.193	14.129
659.600	36.122	-30.467	24.599	5.860
738.919	33.612	-22.290	21.316	.974
738.920	33.612	-22.290	21.316	.974
748.919	33.296	-21.259	20.992	.357
748.919	33.296	-21.259	20.992	.357
758.917	32.687	-20.378	20.489	-.111
758.918	32.687	-20.378	20.489	-.111
791.504	31.554	-17.506	19.141	-1.635
857.500	28.684	-12.444	16.564	-4.120
923.400	25.416	-8.205	14.019	-5.814
969.400	20.302	-4.671	10.754	-5.882
1055.305	14.692	-2.475	7.497	-5.022
1121.300	9.005	-.944	4.433	-3.489
1154.300	6.267	-.462	3.031	-2.562
1187.250	3.674	-.157	1.746	-1.579
1220.200	1.261	-.021	.589	-.568
1253.200	.000	.000	.000	.000
1260.200	.000	.000	.000	.000
1319.173	.000	.000	.000	.000

UNIT INERTIA LOADS				PAGE NO. ***3.2-477			
PREPARED * *				MODEL *****C-5A			
APPROVED * *				REPORT NO. *IG1US54-12-1			
DATE *****1/30/68*				CASE ID *** F10601			
FUEL WT. 147250.0 LB.		DENSITY 6.300 LB./GAL.		ATTITUDE -29.000 DEG.			
LOAD AXIS ORIGIN		F.S. 1136.583 B.L.		.000		A.L. 350.250	
ROTATIONAL AXIS ORIGIN		F.S. 1136.583 B.L.		.000		A.L. 285.000	
PACK	1	2	3	4	5	6	7
WT.	21794.5	30062.0	.0	.0	30062.5	22256.0	1763.0
							1306.5
SFX.	SZYZ	MXNZ	MYNZ	MYZX	SZFDL	SXTDD	
.000	-174725.	-99.331	47.443	8.531	122881.	-16485.	
120.361	-168341.	-78.656	46.614	6.974	120735.	-15035.	
120.362	-168341.	-78.656	46.614	6.974	120735.	-15035.	
197.900	-151352.	-86.270	44.968	6.183	116470.	-11385.	
263.300	-138666.	-36.706	43.379	5.567	112354.	-8343.	
329.500	-125044.	-47.973	41.017	5.023	108237.	-6311.	
395.762	-113874.	-40.117	38.933	4.528	100840.	-4357.	
469.366	-103541.	-32.115	36.703	4.003	95065.	-2740.	
469.087	-103541.	-32.115	36.703	4.003	95065.	-2740.	
481.259	-101956.	-30.887	36.361	3.922	94179.	-2492.	
481.260	-91044.	-30.919	35.414	2.948	91725.	-3662.	
492.632	-89621.	-29.921	35.043	2.880	90764.	-3466.	
492.633	-89621.	-29.921	35.043	2.880	90764.	-3466.	
527.700	-85235.	-26.843	33.899	2.671	87802.	-2862.	
577.276	-81604.	-22.720	32.921	2.393	85268.	-2373.	
577.276	-81604.	-22.720	32.921	2.393	85268.	-2373.	
659.600	-73359.	-16.243	30.053	1.245	77853.	-1434.	
738.919	-68835.	-13.977	25.609	1.635	66329.	-187.	
738.920	-68835.	-10.977	25.609	1.635	66328.	-167.	
748.918	-59256.	-10.313	25.043	1.596	64878.	-50.	
748.919	-48309.	-10.351	22.551	.590	56487.	-1807.	
758.917	-46334.	-9.902	22.010	.564	57057.	-1745.	
758.918	-46334.	-9.902	22.010	.564	57057.	-1745.	
791.504	-42928.	-8.437	20.147	.401	52130.	-1348.	
857.500	-34260.	-5.922	17.012	.333	44063.	-798.	
923.400	-27233.	-3.900	13.951	.212	36135.	-459.	
969.400	-19916.	-2.347	10.520	.126	27247.	-110.	
1055.300	-13729.	-1.243	7.432	.067	19378.	53.	
1121.300	-8236.	-.522	4.622	.023	11972.	111.	
1134.300	-5352.	-.291	3.333	.016	8633.	106.	
1167.250	-3795.	-.133	2.201	.007	5702.	66.	
1220.200	-1907.	-.042	1.143	.002	2961.	53.	
1253.200	-532.	-.010	.212	.001	550.	12.	
1286.200	-162.	-.003	.107	.000	278.	7.	
1319.173	0.	.000	.000	.000	0.	0.	

PREPARED * *	UNIT INERTIA LOADS	PAGE NO. **3.2-478
CHECKED ** *		MODEL *****0-5A
APPROVED * *	*** WING (FUEL INCLUDED) ***	REPORT NO. *IG1US54-12-1
DATE *****11/08/68*		CASE 12 *** F105UL

FUEL WT. 157250.0 LB.	DENSITY 6.500 LB./GAL.	ATTITUDE -29.000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583 B.L.	0.000 L.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1106.583 B.L.	0.000 L.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT.	21794.5	30062.5	.0	.0	30062.5	22256.0	1768.0	1316.5

STA.	XTD	YTD	ZTD	XTG	ZTG	MAXD
.000	68.945	-45.035	5.466	-10.476	-257408.	-190.174
120.361	74.262	-44.783	3.549	-9.165	-256205.	-159.351
120.362	74.262	-44.783	3.549	-9.165	-256205.	-159.351
197.400	65.071	-44.171	2.526	-8.140	-249224.	-139.767
263.800	57.528	-43.535	1.853	-7.273	-241620.	-123.595
329.500	50.309	-42.194	1.352	-6.338	-231081.	-107.957
395.752	43.493	-41.035	1.002	-5.500	-220630.	-93.078
469.680	36.269	-39.696	.747	-4.643	-208889.	-77.205
469.687	36.269	-39.696	.747	-4.643	-208889.	-77.205
481.259	35.161	-39.437	.707	-4.512	-207087.	-74.770
481.260	35.161	-39.437	.704	-4.394	-193570.	-74.678
492.632	34.150	-38.758	.667	-4.271	-191721.	-72.525
492.633	34.150	-38.753	.667	-4.270	-191721.	-72.524
527.700	31.610	-37.956	.555	-3.390	-186022.	-65.336
577.275	26.727	-37.135	.426	-3.449	-180860.	-56.812
577.276	26.727	-37.135	.426	-3.449	-180860.	-56.812
659.600	19.925	-34.527	.258	-2.352	-167400.	-42.311
738.919	14.267	-30.335	.197	-1.860	-144536.	-30.010
738.920	14.267	-30.335	.197	-1.860	-144536.	-30.010
748.916	13.554	-29.807	.139	-1.760	-141657.	-28.460
748.919	13.577	-28.057	.183	-1.587	-120517.	-28.336
758.917	13.026	-27.472	.167	-1.505	-117582.	-27.197
758.918	13.026	-27.472	.167	-1.505	-117582.	-27.197
791.504	11.229	-25.505	.113	-1.243	-108013.	-23.486
857.500	8.058	-22.292	.044	-.324	-91429.	-16.902
923.400	5.416	-18.743	.005	-.491	-75234.	-11.413
969.400	3.332	-14.520	-.013	-.231	-57116.	-7.093
1055.300	1.394	-10.638	-.015	-.365	-40744.	-3.614
1121.300	.776	-6.760	-.010	.021	-25270.	-1.640
1154.300	.440	-4.946	-.007	.037	-18249.	-.925
1187.250	.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	.	.000

PREPARED *		UNIT INERTIA LOADS				PAGE NO. ***3.2-479	
CHECKED *						MODEL *****0-5A	
APPROVED *		*** WING (FUEL INCLUDED) ***				REPORT NO. *IG1US54-12-1	
DATE *****11/06/68*						CASE ID *** F10601	
FUEL WT. 1,7250.0 LB.		DENSITY 6.500 LB./GAL.		ALTITUDE -29.000 DEG.			
LOAD AXIS ORIGIN		F.S. 1136.533		B.L. .000		H.L. 350.250	
ROTATIONAL AXIS ORIGIN		F.S. 1136.533		B.L. .000		H.L. 265.000	
TANK	1	2	3	4	5	6	7
WT.	21794.0	30062.0	.0	.0	30062.5	22254.0	1763.0
							1306.5
STA.	WYPO	MZPO	AXPS	MXPS100	WYPS100	MZPS100	
.000	68.945	3.530	21.944	-6.946	-16.473	-234.919	
120.361	68.794	3.339	17.639	-5.826	-14.090	-203.596	
120.362	68.794	3.339	17.630	-5.826	-14.089	-203.595	
197.900	68.120	2.973	15.166	-5.167	-12.540	-183.341	
263.000	67.167	2.649	13.318	-4.629	-11.450	-166.497	
329.000	65.346	2.203	11.704	-4.135	-10.353	-149.519	
395.752	63.401	1.834	10.309	-3.666	-9.306	-133.488	
469.686	60.673	1.481	8.932	-3.162	-8.186	-116.256	
469.687	60.673	1.481	8.932	-3.162	-8.186	-116.255	
481.259	60.485	1.427	8.721	-3.035	-8.014	-113.012	
481.260	79.312	1.538	7.510	-2.856	-6.807	-113.313	
492.632	78.830	1.486	7.319	-2.784	-6.652	-110.882	
492.633	78.830	1.486	7.319	-2.784	-6.652	-110.882	
527.700	77.343	1.326	6.731	-2.564	-6.175	-103.333	
577.275	75.950	1.195	5.944	-2.255	-5.517	-93.583	
577.276	75.950	1.195	5.944	-2.255	-5.517	-93.583	
659.600	71.277	.863	4.757	-1.739	-4.409	-76.418	
738.919	63.163	.418	3.926	-1.442	-3.729	-59.942	
738.920	63.163	.418	3.926	-1.442	-3.729	-59.942	
748.918	62.140	.362	3.321	-1.309	-3.532	-57.666	
748.919	57.379	.788	1.872	-.709	-1.589	-56.372	
758.917	56.241	.740	1.786	-.766	-1.619	-54.648	
758.918	56.241	.740	1.786	-.766	-1.619	-54.648	
791.504	52.532	.584	1.507	-.659	-1.391	-49.029	
857.500	45.842	.360	1.026	-.464	-.982	-39.121	
923.400	36.783	.190	.646	-.302	-.641	-30.135	
989.400	30.290	.048	.375	-.183	-.383	-21.552	
1055.300	22.254	-.033	.193	-.093	-.208	-14.447	
1121.300	14.202	-.064	.080	-.042	-.090	-8.397	
1184.300	10.405	-.061	.043	-.024	-.050	-5.009	
1187.256	6.976	-.050	.020	-.011	-.023	-3.756	
1220.200	3.680	-.032	.007	-.004	-.003	-1.921	
1253.200	.706	-.008	.002	-.001	-.003	-.338	
1286.200	.362	-.005	.001	-.001	-.001	-.195	
1319.173	.060	.000	.000	.000	.000	.000	

PREPARED *	*	UNIT 1 EXTRA LOADS				PAGE NO. *5.2-480		
CHECKED **	*					MODEL *****5A		
APPROVED *	*	*** WING (FUEL INCLUDED) ***				ALICRT. NO. AG10554-12-1		
DATE *****11/03/68*						CASE ID. *** F10601		
FUEL WT. 107250.0 LB.		DENSITY 6.500 LB./GAL.		ATTITUDE -29.000 DEG.				
LOAD AXIS ORIGIN		F.S. 1106.563		B.L. .000		A.L. 350.250		
ROTATIONAL AXIS ORIGIN		F.S. 1106.563		B.L. .000		A.L. 265.000		
TANK	1	2	3	4	5	6	7	8
WT.	21794.5	30062.5	.0	.0	30062.5	22256.0	1753.0	1306.5
STA.	MZPS105		MXQR		MYPR		MZPQ	
.000	.000		-169.864		44.745		145.140	
120.361	14.532		-158.812		44.245		114.667	
120.362	14.532		-158.812		44.245		114.667	
197.900	23.049		-159.170		43.574		95.596	
263.600	29.639		-122.962		42.992		80.060	
329.600	35.037		-107.325		41.552		65.773	
395.752	39.908		-92.433		40.410		52.023	
469.866	44.604		-76.560		39.050		37.509	
469.667	44.604		-76.560		39.050		37.509	
481.259	45.324		-74.125		38.842		35.293	
481.260	44.144		-74.280		38.635		35.645	
492.632	44.680		-72.125		38.357		33.767	
492.633	44.680		-72.124		38.357		33.767	
527.700	46.333		-65.460		37.502		27.978	
577.275	49.223		-56.398		36.771		19.527	
577.276	49.223		-56.398		36.771		19.527	
659.600	51.352		-41.691		34.107		7.764	
738.919	45.896		-29.607		29.932		-1.325	
738.920	45.896		-29.607		29.932		-1.325	
748.918	45.587		-28.059		29.406		-1.347	
748.919	43.802		-28.315		28.036		.279	
758.917	43.215		-27.176		27.451		-.275	
758.918	43.215		-27.176		27.451		-.275	
791.504	41.303		-23.465		25.543		-2.078	
857.500	37.784		-16.879		22.220		-5.340	
923.400	33.367		-11.392		18.721		-7.329	
989.400	26.958		-7.024		14.510		-7.486	
1055.500	20.450		-3.808		10.632		-6.324	
1121.500	13.424		-1.637		6.757		-5.120	
1154.500	9.965		-.923		4.944		-4.021	
1187.250	6.770		-.420		3.326		-2.398	
1220.200	3.613		-.136		1.784		-1.643	
1253.200	.689		-.034		.353		-.319	
1286.200	.357		-.011		.104		-.174	
1319.175	.000		.000		.000		.000	

PREPARED *	*	UNIT INERTIA LOADS	PAGE NO. **3.2-48/
CHECKED **	*		MODEL *****0-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***	REPORT NO. *IG1US54-12-1
DATE *****11/02/68*		GAEPT AXIS SYSTEM	CASE ID *** F16301

FUEL WT. 107250.0 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.	.000 W.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT.	21794.5	30062.5	.0	.0	30062.5	22256.0	1768.0	1306.5

STA.	SXMX	SYMX	SZMX	MXMX	MYMX	MZMX	MZNY
.000	-165845.	-54993.	-2.665	8.097	99.381	-28.462	
120.361	-159786.	-52903.	-2.195	6.619	78.655	-21.608	
120.362	-159786.	-52983.	-2.195	6.619	78.656	-21.608	
197.900	-143660.	-47630.	-1.946	5.368	66.270	-18.594	
263.800	-131619.	-43643.	-1.752	5.284	56.706	-16.185	
329.800	-118689.	-39356.	-1.581	4.768	47.974	-13.758	
395.752	-106087.	-35841.	-1.425	4.298	40.117	-11.619	
469.826	-98279.	-32588.	-1.260	3.799	32.115	-9.323	
469.887	-98278.	-32588.	-1.260	3.799	32.115	-9.323	
481.259	-96774.	-32089.	-1.234	3.723	30.887	-9.015	
481.260	-86417.	-28655.	-.928	2.798	30.919	-10.995	
492.632	-85066.	-28207.	-.906	2.733	29.921	-10.657	
492.633	-85066.	-28207.	-.906	2.733	29.921	-10.657	
527.700	-80903.	-26827.	-.841	2.535	26.843	-9.725	
577.275	-77457.	-25604.	-.750	2.262	22.720	-8.405	
577.276	-74935.	-25511.	-.944	2.186	22.720	-8.456	
659.800	-67364.	-29046.	-.770	1.736	16.243	-5.443	
738.919	-55863.	-24087.	-.648	1.502	10.977	-3.115	
738.920	-55863.	-24087.	-.648	1.502	10.977	-3.115	
748.918	-54414.	-23462.	-.632	1.466	10.313	-2.882	
748.919	-44361.	-19126.	-.234	.542	10.361	-4.511	
758.917	-43006.	-18544.	-.223	.513	9.912	-4.289	
758.918	-43006.	-18544.	-.223	.513	9.912	-4.289	
791.504	-35593.	-16641.	-.190	.442	8.437	-3.655	
857.500	-31400.	-13565.	-.132	.306	5.922	-2.543	
923.400	-25007.	-10733.	-.084	.195	3.900	-1.716	
989.400	-18289.	-7386.	-.050	.116	2.347	-1.005	
1055.500	-12007.	-5436.	-.026	.061	1.243	-.533	
1121.500	-7583.	-3261.	-.011	.026	.522	-.219	
1154.500	-5374.	-2317.	-.006	.014	.291	-.121	
1187.256	-3465.	-1503.	-.003	.007	.133	-.065	
1220.200	-1752.	-755.	-.001	.002	.042	-.042	
1253.200	-305.	-131.	-.000	.001	.010	-.016	
1288.200	-149.	-64.	-.000	.000	.003	-.009	
1319.273	0.	0.	-.000	.000	-.000	-.000	

PREPARED *	*	UNIT INERTIA LOADS				CASE NO. **3.2-482		
CHECKED *	*					HOTEL *****C-5A		
APPROVED *	*	*** 1100 (FUEL INCLUDED) ***				REPORT NO. * LG1US54-12-		
DATE *****11/08/66*		SWEPT AXIS SYSTEM				CASE ID *** F10001		
FUEL WT. 107250.0 LB.		DENSITY 5.500 LB./GAL.		ATTITUDE -29.000 DEG.				
LOAD AXIS ORIGIN		F.S. 1106.583	B.L.	0.00	M.L.	350.250		
ROTATIONAL AXIS ORIGIN		F.S. 1106.583	B.L.	0.000	M.L.	265.000		
TANK	1	2	3	4	5	6	7	8
WT. 21794.5	30062.0	.0	.0	30062.5	22256.1	1768.0	1306.5	
STA.	SXNZ	PXNZ	MYNZ	SATOD	SYTOD	SZTOD		
.000	-17.725.	-103.289	-4.264	-15647.	-5168.	122881.		
123.361	-168341.	-81.460	-4.246	-14271.	-4732.	120735.		
120.362	-168341.	-81.459	-4.246	-14271.	-4732.	120735.		
197.900	-151352.	-68.754	-3.209	-10807.	-3583.	116470.		
263.800	-138666.	-56.918	-2.435	-8338.	-2786.	112354.		
329.800	-125044.	-49.870	-2.042	-5930.	-1936.	106237.		
395.752	-113874.	-41.735	-1.590	-4136.	-1371.	100340.		
469.886	-103541.	-33.417	-1.259	-2601.	-862.	95065.		
469.887	-103541.	-33.417	-1.259	-2601.	-862.	95065.		
481.259	-101955.	-32.155	-1.164	-2365.	-782.	94179.		
481.260	-91044.	-32.909	.704	-3476.	-1153.	91725.		
492.632	-89621.	-31.758	.708	-3290.	-1091.	90764.		
492.633	-89621.	-31.758	.708	-3290.	-1091.	90764.		
527.700	-85235.	-28.530	.783	-2716.	-901.	87502.		
577.275	-81004.	-24.220	.356	-2257.	-746.	85263.		
577.276	-81004.	-24.203	-1.250	-2184.	-942.	85263.		
659.600	-73359.	-17.071	-1.434	-1316.	-566.	77353.		
738.919	-60835.	-11.313	-1.436	-172.	-74.	66329.		
738.920	-60835.	-11.313	-1.436	-172.	-74.	66329.		
748.918	-59256.	-10.611	-1.437	-27.	-12.	64875.		
748.919	-48089.	-11.291	.043	-1715.	-732.	53467.		
758.917	-46034.	-10.791	.016	-1603.	-691.	57007.		
758.918	-46034.	-10.791	.016	-1603.	-691.	57007.		
791.504	-42028.	-9.195	.015	-1238.	-534.	52133.		
857.500	-34260.	-6.464	.036	-733.	-316.	44365.		
923.400	-27233.	-4.261	.031	-375.	-162.	36135.		
989.400	-19916.	-2.553	-.007	-101.	-44.	27247.		
1055.500	-13729.	-1.352	-.003	42.	21.	19378.		
1121.500	-3236.	-.566	-.005	102.	44.	11972.		
1154.500	-5852.	-.315	-.004	97.	42.	8633.		
1187.456	-3795.	-.148	.007	79.	34.	5702.		
1220.200	-1987.	-.055	.022	49.	21.	2961.		
1253.200	-332.	-.016	.010	11.	5.	350.		
1286.200	-162.	-.005	.007	6.	3.	273.		
1319.175	0.	-.000	.000	0.	0.	0.		

PREPARED *	UNIT INERTIA LOADS				PAGE NO. ** 3.2-483			
CHECKED **	*					MODEL ***** C-5A		
APPROVED *	*	*** J119 (FUEL INCLUDED) ***				REPORT NO. * IG10554-12-		
DATE ***** 11/08/68*	SWEPT AXIS SYSTEM				CASE ID *** F10501			
FUEL WT. 147250.0 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. 1106.583		B.L.		.000	W.L. 265.000	
TANK	1	2	3	4	5	6	7	8
WT.	22704.5	30062.0	.0	.0	30062.5	22256.0	1788.0	1306.5
STA.	0.000	94.393	-2.081	5.466	116436.	13673.	16433.	
120.561	78.933	-2.111	3.549	114599.	33000.	15035.		
120.562	78.933	-2.111	3.549	114599.	19000.	15035.		
197.900	69.278	-2.182	2.526	110551.	36657.	11385.		
263.800	61.372	-2.302	1.858	106644.	35362.	8848.		
329.300	53.743	-2.234	1.352	100838.	33437.	6311.		
395.752	46.592	-2.321	1.002	95715.	31738.	4357.		
469.656	39.007	-2.401	.747	90234.	29921.	2740.		
469.657	39.007	-2.401	.747	90233.	29921.	2740.		
481.259	37.852	-2.437	.707	89393.	29642.	2492.		
481.260	37.923	-2.629	.704	87064.	28869.	3562.		
492.032	36.343	-2.608	.667	86151.	28567.	3466.		
492.633	36.343	-2.608	.667	86151.	28567.	3466.		
527.700	33.523	-2.585	.555	83730.	27634.	2362.		
577.275	29.020	-2.590	.426	80934.	26837.	2378.		
577.276	29.136	-.070	.426	78299.	33761.	2378.		
659.600	21.624	.173	.258	71490.	30826.	1434.		
735.919	15.401	.314	.197	60908.	26263.	157.		
735.920	15.401	.314	.197	60908.	26262.	157.		
748.916	14.639	.260	.189	59574.	25637.	30.		
748.919	14.914	-.299	.183	53797.	23156.	1367.		
758.917	14.296	-.262	.167	52348.	22571.	1745.		
758.918	14.296	-.262	.167	52348.	22572.	1745.		
791.504	12.326	-.225	.115	47918.	20662.	1343.		
857.500	8.863	-.204	.044	40462.	17447.	798.		
923.400	5.966	-.158	.005	33182.	14307.	469.		
989.400	3.058	-.068	-.013	25020.	10758.	110.		
1055.300	1.985	-.047	-.015	17794.	7673.	-53.		
1121.300	.857	-.022	-.010	10994.	4746.	-111.		
1154.300	.486	-.016	-.007	7927.	3418.	-106.		
1187.256	.235	-.026	-.004	5236.	2256.	-86.		
1220.200	.091	-.043	-.001	2719.	1172.	-53.		
1253.200	.027	-.019	-.000	505.	218.	-12.		
1286.200	.011	-.013	-.000	255.	116.	-7.		
1319.175	-.000	.000	.000	0.	0.	-0.		

PREPARED *		UNIT INERTIA LOADS			PAGE NO. **3.2-484		
CHECKED **					MODEL ****C-5A		
APPROVED *		*** WING (FUEL INCLUDED) ***			REPORT NO. *IGIUS54-12-1		
DATE *****11/08/68*		SWEPT AXIS SYSTEM			CASE ID *** F10601		
FUEL WT. 137250.0 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
WT.	21794.5	30062.5	.0	.0	30062.5	22256.0	1768.0
							1300.5
STA.	AXTOS	MYTOS	NZTOS	SZPD	MXPD	HYPD	
.000	7.921	-6.523	-68.945	-257466.	-199.763	-1.972	
120.361	5.551	-5.462	-74.262	-256205.	-167.221	-1.997	
120.362	5.551	-5.462	-74.262	-256205.	-167.221	-1.997	
197.900	4.335	-5.049	-65.071	-249224.	-146.730	-1.570	
263.800	3.508	-4.677	-57.528	-241620.	-129.835	-1.136	
329.800	2.845	-4.284	-50.309	-231021.	-113.487	-.737	
395.752	2.354	-3.913	-43.493	-220630.	-97.941	-.364	
469.686	1.942	-3.434	-36.269	-208589.	-81.349	.032	
469.687	1.942	-3.434	-36.269	-208589.	-81.349	.032	
481.259	1.881	-3.425	-35.161	-207087.	-78.820	.161	
481.260	1.742	-3.017	-36.168	-193570.	-79.504	2.497	
492.632	1.681	-2.949	-34.150	-191721.	-77.237	2.502	
492.633	1.681	-2.949	-34.150	-191721.	-77.237	2.502	
527.700	1.495	-2.747	-31.010	-186022.	-70.275	2.599	
577.275	1.266	-2.463	-26.727	-160460.	-60.769	2.700	
577.276	1.475	-2.343	-26.727	-160460.	-60.769	-2.584	
659.000	1.096	-1.891	-19.925	-167400.	-44.834	-2.661	
738.919	.890	-1.567	-14.267	-144536.	-31.407	-2.956	
738.920	.890	-1.567	-14.267	-144536.	-31.407	-2.956	
748.918	.867	-1.531	-13.950	-141654.	-29.753	-2.863	
748.919	.820	-.743	-13.577	-120510.	-30.889	.073	
758.917	.466	-.711	-13.026	-117532.	-29.627	.022	
758.918	.488	-.711	-13.026	-117532.	-29.627	.022	
791.504	.389	-.610	-11.229	-108013.	-25.584	.017	
857.500	.234	-.431	-8.058	-91429.	-16.435	.066	
923.400	.126	-.281	-5.416	-75234.	-12.453	.058	
989.400	.059	-.169	-3.332	-57116.	-7.600	-.031	
1055.300	.022	-.091	-1.804	-40744.	-4.143	-.013	
1121.300	.006	-.039	-.776	-25270.	-1.700	-.014	
1154.300	.002	-.022	-.440	-18249.	-1.003	-.009	
1187.256	.000	-.010	-.206	-12015.	-.473	.023	
1220.200	-.000	-.003	-.067	-6136.	-.180	.072	
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. ***3.2-485
CHECKED **		MODEL *****0-5A
APPROVED *	*** -ING (FUEL INCLUDED) ***	REPORT NO. *IG1US54-12-1
DATE *****11/08/68*	SWEEP AXIS SYSTEM	CASE ID *** FI0601

FUEL WT. 107256.0 LB.	DENSITY 6.500 LB./GAL.	ALTITUDE -29.000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583 B.L.	W.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1106.583 B.L.	W.L. 265.000

TANK	1	2	3	4	5	6	7	8
WT.	21794.5	30062.5	.0	.0	30062.5	22256.0	1788.0	1300.5

STA.	MZPD	SXPS	SYPS	XPSP	WPSP	MZPS
.000	1.732	-81015.	244324.	21.376	5.250	60.332
120.381	1.106	-30638.	243185.	17.091	4.502	50.736
120.382	1.106	-80638.	243135.	17.090	4.502	50.736
197.900	.989	-78440.	236558.	14.707	3.834	44.691
263.800	.914	-76047.	229540.	12.929	3.324	39.734
329.900	.827	-72750.	219337.	11.370	2.899	34.972
395.752	.789	-69440.	209417.	10.033	2.496	30.480
469.080	.756	-65745.	198273.	8.716	2.094	25.634
469.087	.756	-65745.	198272.	8.716	2.094	25.634
481.259	.756	-65170.	196503.	8.517	2.025	24.941
481.260	.556	-60924.	183732.	7.304	1.836	27.394
492.632	.544	-60342.	181978.	7.119	1.788	26.684
492.633	.544	-60342.	181977.	7.119	1.788	26.684
527.700	.514	-58548.	176568.	6.551	1.631	24.585
577.275	.481	-56924.	171868.	5.793	1.414	21.683
577.276	.481	-71511.	166079.	5.648	1.912	21.683
659.600	.382	-66281.	153719.	4.519	1.532	15.106
738.919	.349	-57229.	132724.	3.743	1.234	9.721
738.920	.349	-57228.	132723.	3.743	1.234	9.721
748.918	.350	-56087.	130077.	3.543	1.191	9.153
748.919	.689	-47719.	110669.	1.754	.659	12.297
758.917	.679	-46550.	107972.	1.671	.634	11.751
758.918	.679	-46556.	107972.	1.671	.634	11.751
791.504	.655	-42767.	99165.	1.495	.546	10.146
857.500	.624	-56201.	33956.	.752	.384	7.361
923.400	.006	-29739.	69036.	.595	.250	4.961
989.400	-.005	-22615.	52443.	.343	.153	3.003
1055.300	-.006	-16133.	37414.	.175	.082	1.630
1121.300	-.004	-10906.	23205.	.071	.036	.692
1154.300	-.003	-7226.	16758.	.039	.020	.339
1187.256	-.002	-4757.	11033.	.013	.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
1319.170	.000	0.	-0.	.000	.000	.000

PREPARED *		UNIT INERTIA LOADS		AGE NO. *3.2-486
CHECKED **	*			MODEL *****C-5A
APPROVED *	*	*** WING (FUEL INCLUDED) ***		REPORT NO. 4G1US54-12-1
DATE *****11/30/68*		WING AXIS SYSTEM		CASE NO *** F10601

FUEL WT. 107250.0 LB.	DENSITY 6.500 LB./GAL.	ALTITUDE -29.000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.583 8.L. .000	W.L. 350.250
ROTATIONAL AXIS ORIGIN	F.S. 1106.583 8.L. .000	W.L. 285.000

TANK	1	2	3	4	5	6	7	8
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WT. 21794.5	30062.0	.0	.0	30062.5	22256.0	1760.0	1336.5
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STN.	EXPS100	SYPS100	IXPS100	HYPS100	MXPS100	MYPS100
.000	202999.	26663.	-1.406	-17.327	-221.570	-27.963
120.361	281185.	94909.	-1.095	-15.207	-185.661	-23.526
120.562	261185.	94909.	-1.095	-15.207	-185.661	-23.526
197.900	273216.	89247.	-.926	-13.624	-163.045	-20.379
263.000	264752.	84445.	-.787	-12.335	-144.464	-17.744
329.800	252774.	73721.	-.567	-11.128	-126.380	-15.337
395.752	241155.	73576.	-.551	-9.947	-109.300	-13.013
469.866	228193.	63346.	-.425	-8.765	-91.116	-10.635
469.867	228193.	63346.	-.425	-8.765	-91.116	-10.635
481.259	226205.	67544.	-.406	-8.577	-88.582	-10.220
481.260	212602.	64400.	-.568	-7.359	-68.711	-7.775
492.632	210544.	63632.	-.549	-7.190	-66.196	-7.466
492.633	210544.	63632.	-.549	-7.190	-66.196	-7.466
527.700	204203.	61264.	-.480	-6.469	-73.485	-6.426
577.275	198505.	59181.	-.404	-5.047	-67.963	-5.045
577.276	199840.	73704.	.114	-5.259	-67.998	-5.044
659.600	184544.	67593.	.139	-4.940	-60.264	-4.819
738.919	158936.	57400.	.132	-3.995	-35.417	-4.546
738.920	158936.	57400.	.132	-3.995	-35.417	-4.546
748.918	185755.	56113.	.164	-3.380	-33.593	-4.401
748.919	163326.	49433.	-.065	-1.267	-34.484	-1.279
758.917	138544.	43159.	-.065	-1.790	-33.073	-1.275
758.918	138544.	43159.	-.063	-1.790	-33.073	-1.275
791.504	119547.	64005.	-.054	-1.539	-28.582	-1.034
857.500	101403.	36934.	-.037	-1.085	-20.575	-.697
923.400	83393.	60164.	-.023	-.793	-13.899	-.436
953.403	63236.	22716.	-.014	-.424	-8.535	-.329
1055.500	45087.	15084.	-.007	-.230	-4.633	-.174
1121.500	27946.	9904.	-.003	-.092	-1.997	-.066
1154.500	20176.	7123.	-.002	-.056	-1.100	-.051
1187.255	13291.	4673.	-.001	-.026	-.545	.004
1220.250	6807.	2331.	-.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 10. **3.2-487		
CHECKED **	*					MODEL *****C-5A		
APPROVED *	*	*** KING (FUEL INCLUDED) ***				REPORT NO. *IG10S54-12-		
DATE *****11/03/68*		SCOTT AXIS SYSTEM				CASE ID *** F10601		
FUEL WT. 107450.0 LB.		DENSITY 6.500 LB./GAL.		ATTITUDE -29.000 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.	21794.3	30062.5	.0	.0	30062.3	22256.1	1763.0	1306.5
STA.	AXGR	MYGR	MXPR	MYPR	STA0	SYPR		
.000	-199.428	-1.331	-94.507	1.336	-205649.	-197652.		
120.061	-166.710	-1.827	-78.769	1.600	-205138.	-195237.		
120.062	-166.709	-1.827	-78.768	1.600	-205138.	-195237.		
197.900	-146.163	-1.382	-69.091	1.615	-199901.	-188991.		
263.800	-129.235	-.939	-61.173	1.702	-193978.	-162691.		
329.300	-112.877	-.584	-53.541	1.624	-185930.	-173568.		
395.782	-97.329	-.161	-46.389	1.709	-177679.	-165156.		
469.686	-80.737	.235	-38.304	1.739	-168352.	-155979.		
469.687	-80.737	.235	-38.304	1.739	-168352.	-155979.		
481.259	-78.208	.344	-37.649	1.325	-166921.	-154571.		
481.260	-79.126	2.623	-37.798	2.251	-154863.	-147937.		
492.632	-76.856	2.628	-36.717	2.228	-153411.	-146493.		
492.633	-76.857	2.628	-36.717	2.228	-153410.	-146493.		
527.700	-69.690	2.726	-33.490	2.200	-143934.	-141383.		
577.275	-60.356	2.830	-28.390	2.295	-134831.	-137356.		
577.276	-60.374	-2.420	-28.972	-.311	-132317.	-149910.		
659.600	-46.448	-2.715	-21.458	-.568	-122893.	-137772.		
738.919	-31.037	-2.796	-15.242	-.634	-106461.	-118136.		
738.920	-31.037	-2.796	-15.242	-.634	-106461.	-118136.		
748.918	-29.390	-2.705	-14.481	-.648	-104398.	-115581.		
748.919	-30.670	.031	-14.906	.280	-87511.	-101426.		
758.917	-29.608	.036	-14.290	.243	-85461.	-98904.		
758.918	-29.608	.036	-14.290	.243	-85461.	-98904.		
791.504	-25.564	.026	-12.317	.205	-78523.	-90685.		
857.500	-18.414	.077	-8.354	.134	-66516.	-76563.		
923.400	-12.433	.053	-5.958	.138	-54770.	-62979.		
989.400	-7.639	-.024	-3.650	.051	-41668.	-47535.		
1055.300	-.143	-.011	-1.983	.042	-29742.	-33927.		
1121.300	-1.777	-.013	-.855	.019	-16468.	-21000.		
1154.300	-1.001	-.009	-.465	.015	-13346.	-15163.		
1187.258	-.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	-393.	-472.		
1319.170	.000	.000	-.000	.000	0.	0.		

PREPARED *	*	UNIT 1 INERTIA LOADS				PAGE NO. ***3.2-488		
CHECKED **	*					MODEL *****C-5A		
APPROVED *	*	*** 9110 (FUEL INCLUDED) ***				REPORT NO. *IG1US54-12-1		
DATE *****11/08/68*		S.EPT AXIS SYSTEM				CASE ID *** F10001		
FUEL WT. 137250.0 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	30062.5	.0	.0	30062.5	22256.0	17811.0	13065.5
STR.	AXPG		MYPG		WZPG			
.000	-11.779		13.455		158.489			
120.361	-9.964		11.540		132.502			
120.362	-9.964		11.540		132.502			
197.900	-8.883		10.371		115.891			
263.800	-8.001		9.421		102.093			
329.600	-7.183		8.525		88.932			
395.752	-6.409		7.679		76.211			
469.666	-5.573		6.774		62.649			
469.667	-5.573		6.774		62.649			
481.259	-5.450		6.636		60.543			
481.260	-4.853		5.562		60.247			
492.632	-4.736		5.438		58.454			
492.633	-4.736		5.438		58.454			
527.700	-4.373		5.055		52.880			
577.275	-3.877		4.527		45.212			
577.276	-4.255		4.174		45.212			
659.600	-3.424		3.423		33.907			
738.919	-2.801		2.853		24.200			
738.920	-2.801		2.853		24.200			
748.918	-2.722		2.781		22.921			
748.919	-1.403		1.234		22.156			
758.917	-1.345		1.183		21.295			
758.918	-1.345		1.183		21.295			
791.504	-1.156		1.017		13.399			
857.500	-.315		.716		13.205			
923.400	-.531		.469		3.906			
989.400	-.322		.234		5.532			
1055.300	-.172		.153		2.985			
1121.300	-.075		.066		1.230			
1184.300	-.042		.037		.717			
1167.250	-.020		.017		.313			
1220.200	-.007		.006		.051			
1253.250	-.002		.002		.006			
1286.200	-.001		.001		-.006			
1319.175	.000		-.000		.000			

PREPARED *	*	UNIT INERTIA LOADS				PAGE NO. **3.2-489		
CHECKED **	*					MODEL *****0-5A		
APPROVED *	*	*** FUEL ***				REPORT NO. *IG1US54-12-1		
DATE *****11/03/68*						CASE ID *** F10502		
FUEL WT. 117250.0 LB.		DENSITY 6.510 LB./GAL.		ALTITUDE -12.000 DEG.				
LOAD AXIS ORIGIN		F.S. 1105.533	B.L.	.000	W.L.	350.250		
ROTATIONAL AXIS ORIGIN		F.S. 1105.533	B.L.	.000	W.L.	265.000		
TANK	1	2	3	4	5	6	7	8
WT.	21797.5	30062.0	.0	.0	30062.5	22256.0	1763.0	1306.5
STA.	SZ01Z	PK01Z	MY01Z	MY01X	SZT05	SXFL0		
.000	-107250.	-53.915	30.717	4.152	79561.	-12927.		
120.561	-107250.	-51.006	30.717	3.150	79561.	-12927.		
120.562	-107250.	-51.006	30.717	3.150	79561.	-12927.		
197.900	-94572.	-43.180	29.738	2.662	77023.	-10226.		
263.300	-84642.	-37.268	28.643	2.304	74136.	-8234.		
329.300	-75963.	-31.965	27.149	1.976	71092.	-6520.		
395.752	-68259.	-27.207	26.154	1.681	67768.	-5283.		
469.660	-60786.	-22.463	24.673	1.385	63905.	-4110.		
469.667	-60736.	-22.468	24.673	1.385	63905.	-4110.		
481.259	-59639.	-21.741	24.444	1.340	63312.	-3929.		
481.260	-59639.	-21.741	24.444	1.340	63312.	-3929.		
492.632	-58643.	-21.035	24.216	1.299	62721.	-3785.		
492.633	-58642.	-21.035	24.216	1.299	62721.	-3785.		
527.780	-55571.	-19.034	23.513	1.172	60900.	-3341.		
577.275	-53625.	-16.377	23.051	.983	59705.	-3072.		
577.276	-53625.	-16.377	23.051	.983	59705.	-3072.		
659.600	-49087.	-12.053	21.506	.679	55703.	-2571.		
738.919	-39510.	-8.537	18.144	.481	46993.	-1630.		
738.920	-39510.	-8.537	18.143	.481	46993.	-1630.		
748.918	-38503.	-8.150	17.720	.456	45695.	-1511.		
748.919	-38503.	-8.150	17.720	.456	45695.	-1511.		
758.917	-37190.	-7.791	17.296	.435	44798.	-1418.		
758.918	-37190.	-7.791	17.296	.435	44798.	-1418.		
761.954	-33561.	-6.618	15.915	.369	41222.	-1116.		
857.500	-26704.	-4.628	13.144	.257	34045.	-629.		
923.750	-21223.	-3.049	10.806	.165	27969.	-319.		
969.700	-15603.	-1.827	8.310	.095	21524.	-102.		
1055.500	-10909.	-.947	5.916	.045	15322.	22.		
1121.500	-6560.	-.373	3.560	.014	9479.	67.		
1154.500	-4568.	-.139	2.583	.005	6090.	65.		
1187.250	-2691.	-.069	1.541	.000	3992.	48.		
1220.200	-926.	-.009	.536	-.001	1369.	20.		
1253.200	0.	.000	.000	.000	0.	0.		
1286.200	0.	.000	.000	.000	0.	0.		
1319.175	0.	.000	.000	.000	0.	0.		

PREPARED *	*	UNIT I INERTIA LOADS				PAGE NO. ***3.2-490	
CHECKED **	*					MODEL ***K-0-5A	
APPROVED *	*	*** FUEL ***				REPORT NO. *IG1US54-12-1	
DATE *****11/06/68*						CASE ID *** F10602	
FUEL WT. 147250.0 LB.		DENSITY 6.500 LB./GAL.		ATTITUDE -12.000 DEG.			
LOAD AXIS ORIGIN		F.S. 1106.333		B.L. .000		P.L. 350.250	
ROTATIONAL AXIS ORIGIN		F.S. 1106.333		B.L. .000		P.L. 265.000	
TRAX	1	2	3	4	5	6	7
WT. 21994.5	30062.0	.0	.0	30062.5	22256.0	1763.0	1306.5
STA.	MYT00	MYT00	MYT00	MYT05	SZP0	MXPD	
.000	61.418	-29.684	5.249	-6.783	-165546.	-127.443	
120.361	51.842	-29.804	3.693	-6.039	-165546.	-107.638	
120.362	51.842	-29.804	3.693	-6.039	-165546.	-107.638	
197.900	45.778	-29.603	2.794	-5.383	-160315.	-95.024	
263.360	40.791	-29.232	2.135	-4.906	-154360.	-84.664	
329.300	35.993	-28.852	1.694	-4.241	-147680.	-74.705	
395.752	31.416	-28.295	1.301	-3.696	-140435.	-65.209	
460.836	26.553	-27.520	.959	-3.121	-131952.	-55.164	
469.867	26.553	-27.520	.959	-3.121	-131952.	-55.164	
481.259	25.819	-27.401	.906	-3.033	-130650.	-53.623	
481.260	25.813	-27.401	.906	-3.033	-130650.	-53.623	
492.632	25.112	-27.266	.865	-2.951	-129347.	-52.167	
492.633	25.112	-27.266	.865	-2.951	-129347.	-52.167	
527.706	22.934	-26.848	.737	-2.693	-125331.	-47.630	
577.275	19.957	-26.571	.581	-2.415	-122599.	-41.672	
577.276	19.957	-26.571	.581	-2.415	-122599.	-41.672	
659.000	16.118	-25.207	.333	-1.993	-115076.	-31.640	
738.919	11.096	-22.108	.175	-1.313	-97611.	-23.260	
738.920	11.096	-22.108	.175	-1.313	-97611.	-23.260	
768.916	10.590	-21.717	.155	-1.245	-95409.	-22.227	
768.919	10.589	-21.717	.155	-1.245	-95409.	-22.227	
768.917	10.157	-21.296	.141	-1.184	-93186.	-21.319	
768.918	10.154	-21.296	.141	-1.184	-93186.	-21.319	
791.314	8.733	-19.921	.098	-1.002	-86943.	-18.359	
857.500	6.251	-16.994	.040	-1.537	-71297.	-13.162	
923.700	4.263	-14.394	.009	-1.380	-56857.	-8.876	
969.400	2.571	-11.399	-.005	-1.182	-45222.	-5.441	
1055.600	1.359	-8.349	-.008	-.051	-32272.	-2.632	
1121.300	.546	-5.306	-.005	.017	-20017.	-1.157	
1184.300	.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	
1319.175	.000	.000	.000	.000	0.	.000	

PREPARED *	*	UNIT: INERTIA LOADS				PAGE NO. **3.2- 49/	
CHECKED *	*					MODEL *****C-5A	
APPROVED *	*	*** FUEL ***				REPORT NO. *LG1US54-12-1	
DATE *****11/23/38*						CASE NO *** F10302	
FUEL WT. 107250.0 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
WT. 21794.3	30062.0	.0	.0	30062.5	22256.0	1768.0	1308.6
SFA.	MYPD	MZPD	AXPS	AXPS100	MYPS100	MZPS100	
.000	61.413	2.532	14.113	-4.250	-8.664	-157.641	
120.561	61.413	2.532	11.011	-3.507	-7.313	-137.716	
120.562	61.413	2.532	11.011	-3.507	-7.313	-137.716	
197.900	61.020	2.318	9.181	-3.066	-6.327	-124.827	
263.800	60.362	2.006	7.927	-2.710	-5.643	-114.103	
329.300	59.439	1.873	6.627	-2.368	-4.933	-103.676	
395.762	58.235	1.649	5.567	-2.047	-4.266	-93.594	
469.686	56.547	1.412	4.527	-1.709	-3.563	-82.749	
469.687	56.547	1.412	4.527	-1.709	-3.563	-82.749	
481.259	56.288	1.376	4.368	-1.657	-3.461	-81.086	
481.260	56.288	1.376	4.368	-1.657	-3.461	-81.086	
492.632	55.990	1.343	4.226	-1.608	-3.361	-79.492	
492.633	55.990	1.343	4.226	-1.608	-3.361	-79.492	
527.700	55.071	1.241	3.789	-1.457	-3.082	-74.578	
577.275	54.423	1.177	3.136	-1.239	-2.605	-68.175	
577.276	54.423	1.177	3.136	-1.239	-2.605	-68.175	
639.600	51.860	1.005	2.224	-.392	-1.816	-56.850	
738.919	45.734	.672	1.543	-.646	-1.363	-45.334	
738.920	45.734	.672	1.543	-.646	-1.363	-45.334	
748.918	44.961	.630	1.457	-.615	-1.303	-43.939	
748.919	44.961	.630	1.457	-.615	-1.303	-43.938	
758.917	44.116	.594	1.338	-.589	-1.247	-42.608	
758.918	44.116	.594	1.338	-.589	-1.247	-42.608	
791.504	41.361	.479	1.165	-.504	-1.066	-38.274	
867.600	35.444	.200	.795	-.357	-.755	-30.149	
923.700	30.043	.148	.502	-.232	-.493	-23.262	
989.400	23.367	.047	.282	-.135	-.287	-16.834	
1055.300	17.528	-.014	.131	-.065	-.139	-11.227	
1121.500	11.175	-.038	.039	-.021	-.045	-6.462	
1154.300	8.000	-.037	.013	-.008	-.016	-4.384	
1187.200	4.841	-.028	-.001	-.000	-.001	-2.509	
1220.200	1.768	-.012	-.003	.001	.003	-.535	
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 1 FUEL LOADS				CASE NO. **3.2- 492		
CHECKED **	*					FUEL ***K-5A		
APPROVED *	*	*** FUEL ***				REPORT NO. *IG1US54-12-1		
DATE ****1/03/68*						CASE ID *** FI0602		
FUEL WT. 107250.0 LB.		DENSITY 6.500 LB./GAL.		ALTITUDE -12.000 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.	21794.5	30062.0	.0	.0	30062.5	22256.0	1766.0	1306.5
STA.	WZPSICS	MXCR	MYPR	WZP2				
.000	.000	-127.952	30.199	97.752				
120.361	9.576	-107.912	30.078	77.334				
120.362	9.576	-107.912	30.078	77.333				
197.900	15.243	-95.224	29.803	65.421				
263.600	19.570	-84.821	29.439	55.382				
329.600	23.446	-74.324	23.972	45.853				
395.752	26.619	-65.300	23.325	36.214				
469.866	29.984	-55.229	27.585	27.644				
469.887	29.934	-55.229	27.585	27.644				
481.259	30.469	-53.684	27.463	26.222				
481.260	30.469	-53.684	27.463	26.222				
492.632	30.873	-52.226	27.324	24.902				
492.633	30.873	-52.226	27.324	24.901				
527.750	32.137	-47.729	26.697	20.832				
577.275	34.466	-41.604	26.603	15.901				
577.276	34.466	-41.603	26.603	15.901				
659.600	36.742	-31.643	25.210	6.433				
736.919	34.637	-23.276	22.103	1.172				
736.920	34.637	-23.276	22.103	1.172				
748.918	34.372	-22.221	21.712	.509				
748.919	34.372	-22.221	21.712	.509				
758.917	33.962	-21.313	21.290	.023				
758.918	33.962	-21.313	21.290	.023				
791.604	32.623	-13.352	19.914	-1.552				
867.600	29.194	-13.154	16.987	-3.233				
923.600	25.645	-6.858	14.337	-5.520				
989.400	21.296	-5.435	11.394	-5.259				
1055.500	16.169	-2.878	8.345	-5.467				
1121.500	10.629	-1.156	5.305	-4.149				
1184.500	7.722	-.590	3.792	-3.202				
1187.256	4.739	-.217	2.292	-2.075				
1220.200	1.695	-.023	.807	-.779				
1253.200	.000	.000	.000	.000				
1286.200	.000	.000	.000	.000				
1319.173	.000	.000	.000	.000				

PREPARED *	*	UNIT INERTIA LOADS				PAGE NO. *B.2-493		
CHECKED **	*					MODEL ****C-5A		
APPROVED *	*	*** WING (FUEL INCLUDED) ***				REPORT NO. AG1US54-12-1		
DATE *****11/08/68*						CASE ID *** F10502		
FUEL WT. 107250.0 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				
INCH	1	2	3	4	5	6	7	8
WT. 21734.5	30062.0	.0	.0	30052.5	22256.5	1723.0	1308.5	
SFX.	SZM2	4XM2	4YH2	MYLX	SZT00	SX100		
.000	-174726.	-100.071	47.770	8.633	123727.	-16220.		
120.581	-168341.	-79.346	46.941	7.075	121581.	-14770.		
120.562	-168341.	-79.346	46.941	7.075	121581.	-14770.		
147.900	-151713.	-66.938	45.304	6.269	117341.	-11227.		
203.800	-108751.	-37.363	43.672	5.658	113113.	-8626.		
329.000	-126003.	-48.601	41.456	5.095	107375.	-6350.		
395.752	-115234.	-40.659	39.455	4.570	102193.	-4443.		
409.666	-104061.	-32.557	37.152	4.041	96226.	-2784.		
469.367	-104061.	-32.557	37.152	4.041	96226.	-2784.		
481.259	-103031.	-31.314	36.798	3.959	95310.	-2526.		
481.250	-92120.	-31.346	35.851	2.965	92857.	-3598.		
492.632	-90523.	-30.339	35.435	2.920	91780.	-3474.		
492.633	-90523.	-30.339	35.435	2.920	91780.	-3474.		
527.790	-85001.	-27.234	34.153	2.719	88460.	-2761.		
577.275	-81604.	-25.107	33.079	2.437	85679.	-2259.		
577.275	-81604.	-25.107	33.079	2.437	85679.	-2259.		
659.600	-73897.	-16.616	30.421	1.987	78793.	-1374.		
733.919	-61794.	-11.235	26.142	1.663	67710.	-135.		
733.920	-61794.	-11.235	26.142	1.663	67710.	-135.		
748.913	-60263.	-10.613	25.602	1.622	66312.	-35.		
748.919	-49320.	-10.651	23.136	.615	59924.	-1373.		
733.917	-47830.	-10.192	22.557	.599	58424.	-1750.		
733.918	-47830.	-10.192	22.557	.599	58424.	-1750.		
791.534	-42972.	-8.695	20.371	.503	53539.	-1349.		
837.500	-34563.	-6.163	17.241	.357	44658.	-751.		
923.400	-27421.	-4.106	14.131	.236	36800.	-355.		
939.400	-20519.	-2.527	10.908	.142	28252.	-64.		
1055.580	-14020.	-1.373	8.022	.074	20778.	65.		
1121.500	-9104.	-.590	5.181	.030	13420.	120.		
1154.500	-6657.	-.330	3.320	.016	9893.	115.		
1137.256	-4365.	-.149	2.548	.006	6599.	94.		
1220.200	-2132.	-.044	1.231	.002	3317.	57.		
1253.200	-332.	-.010	.212	.001	550.	12.		
1236.200	-162.	-.003	.107	.000	270.	7.		
1319.173	0.	.000	.000	.000	0.	0.		

INVERTED * *	*	UNIT INERTIA LOADS	PAGE NO. **3.2-494
CHECKED * *	*		MODEL *****C-5A
APPROVED *	*	** HING (FUEL INCL. JDED) **	REPORT NO. *IG1US4-12-
DATE *****11/08/66*			CASE ID *** F10,002

FUEL WT. 107250.0 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. 265.000

INCH	1	2	3	4	5	6	7	8
WT.	21794.3	50062.2	.0	.0	30002.5	22256.5	1763.0	1300.5

STA.	MYTOD	MYTOD	MZTOD	MYTOS	SZPD	MYPD
.000	90.123	-45.597	5.377	-10.543	-259147.	-192.632
120.061	75.343	-45.344	3.493	-9.229	-257992.	-161.591
120.062	75.342	-45.344	3.493	-9.229	-257992.	-161.591
197.900	66.084	-44.730	2.485	-8.201	-251140.	-141.863
263.000	58.489	-44.075	1.830	-7.327	-243376.	-125.569
329.000	51.208	-42.305	1.352	-6.406	-233513.	-109.811
395.752	44.309	-41.703	.950	-5.574	-223479.	-94.749
469.066	36.989	-40.301	.713	-4.700	-211389.	-78.670
469.067	36.989	-40.301	.713	-4.700	-211389.	-78.670
481.259	35.860	-40.035	.673	-4.566	-209534.	-76.203
481.260	35.874	-39.631	.675	-4.448	-196010.	-76.111
492.632	34.845	-39.325	.633	-4.319	-193940.	-73.934
492.633	34.845	-39.325	.633	-4.319	-193940.	-73.934
527.700	31.673	-33.331	.526	-3.919	-167536.	-67.221
577.276	27.367	-37.592	.404	-3.466	-161802.	-56.391
577.276	27.367	-37.592	.404	-3.466	-161802.	-56.391
659.600	20.517	-33.136	.245	-2.634	-169283.	-43.435
703.919	14.762	-31.123	.136	-1.393	-147130.	-30.997
703.920	14.762	-31.123	.136	-1.393	-147130.	-30.997
743.013	14.037	-30.616	.179	-1.729	-144390.	-29.423
793.919	14.060	-26.268	.173	-1.626	-123250.	-29.299
756.917	13.494	-26.274	.157	-1.544	-120289.	-28.133
756.918	13.494	-26.274	.157	-1.544	-120289.	-28.133
791.604	11.652	-26.339	.103	-1.275	-110614.	-24.334
857.500	8.413	-22.665	.034	-.135	-92650.	-17.612
923.400	5.748	-19.110	-.001	-.498	-76219.	-12.075
989.400	3.615	-15.168	-.046	-.239	-59125.	-7.506
1055.000	2.007	-11.487	-.017	-.070	-43518.	-4.218
1121.300	.884	-7.633	-.011	.024	-28143.	-1.352
1154.300	.501	-5.708	-.007	.043	-20758.	-1.047
1187.256	.231	-3.873	-.004	.045	-13800.	-.479
1220.200	.070	-2.003	-.001	.031	-6851.	-.143
1253.200	.017	-.354	-.000	.007	-1104.	-.035
1286.200	.005	-.135	-.000	.004	-547.	-.011
1319.273	.000	.100	.000	.000	0.	.000

PREPARED *	*	UNIT INERTIA LOADS					PAGE NO. ***3.2-495
CHECKED **	*						MODEL *****0-5A
APPROVED *	*	*** KING (FUEL INCLUDED) ***					REPORT NO. *LG1US54-12-
DATE *****11/08/68*							CASE ID *** F10002
FUEL WT. 117250.0 LB.	DENSITY 6.500 LB./GAL.		ALTITUDE -12.000 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		
TRACK	1	2	3	4	5	6	7
WT. 21794.0	30062.0	.0	.0	30062.5	22256.0	1763.0	1306.5
STA.	WYPD	WZPD	IXPS	WXPS100	WYPS100	WZPS100	
.000	90.128	3.436	22.096	-7.061	-16.719	-237.950	
120.361	89.976	3.296	17.806	-5.934	-14.313	-206.411	
120.362	89.976	3.296	17.806	-5.933	-14.313	-206.411	
197.900	89.306	2.935	15.331	-5.267	-12.846	-186.006	
263.300	83.326	2.602	13.490	-4.726	-11.661	-169.026	
329.800	86.620	2.139	11.953	-4.217	-10.521	-151.975	
395.752	84.751	1.337	10.428	-3.735	-9.443	-135.808	
469.336	82.136	1.473	9.035	-3.227	-8.316	-118.321	
469.367	82.136	1.473	9.035	-3.227	-8.316	-118.321	
481.259	81.735	1.417	8.321	-3.149	-8.143	-115.636	
481.260	80.562	1.529	7.610	-2.919	-6.936	-115.339	
492.652	80.021	1.470	7.422	-2.349	-6.783	-112.656	
492.633	80.021	1.470	7.422	-2.349	-6.783	-112.656	
527.700	76.354	1.237	6.341	-2.632	-6.314	-105.197	
577.275	76.827	1.141	6.065	-2.325	-5.661	-95.272	
577.276	76.827	1.141	6.065	-2.325	-5.661	-95.271	
659.600	72.489	.839	4.360	-1.346	-4.613	-78.202	
738.919	64.683	.415	4.000	-1.439	-3.314	-61.717	
738.920	64.683	.415	4.000	-1.439	-3.314	-61.716	
743.916	63.599	.361	3.892	-1.133	-3.713	-59.639	
748.919	68.937	.787	1.942	-.839	-1.769	-58.146	
758.917	57.755	.739	1.354	-.305	-1.693	-55.335	
758.913	57.735	.739	1.354	-.325	-1.693	-55.335	
791.504	54.028	.562	1.563	-.594	-1.463	-50.630	
857.300	46.705	.336	1.089	-.499	-1.055	-40.235	
925.400	39.544	.162	.708	-.335	-.789	-31.104	
989.400	31.567	.034	.418	-.206	-.484	-22.766	
1053.000	23.933	-.040	.215	-.110	-.232	-16.699	
1121.300	15.932	-.069	.085	-.045	-.096	-9.482	
1184.300	11.921	-.057	.043	-.024	-.061	-6.752	
1137.256	8.065	-.055	.017	-.010	-.021	-4.351	
1220.200	4.117	-.034	.005	-.003	-.006	-2.145	
1253.200	.706	-.003	.002	-.001	-.003	-.338	
1286.200	.352	-.005	.001	-.001	-.001	-.195	
1319.173	.000	.000	.000	.000	.000	.000	

FUEL WT. 107280.0 LB.	DENSITY 6.500 LB./GAL.	ATTITUDE -12.000 DEG.
LOAD AXIS ORIGIN	F.S. 1106.533	B.L. 0.000
ROTATIONAL AXIS ORIGIN	F.S. 1106.533	B.L. 0.000

TANK	1	2	3	4	5	6	7	8
WT.	21799.3	30002.0	.0	.0	30002.5	22256.1	1703.0	1300.5

STA.	MZPSIDS	MXOR	MYPR	MZPO
.000	.000	-192.353	43.313	147.034
120.302	14.634	-101.068	44.821	116.247
120.302	14.634	-101.067	44.821	116.247
197.900	23.222	-141.275	44.143	97.133
203.300	29.339	-124.951	43.457	81.494
329.000	35.412	-109.170	42.154	67.003
395.752	40.443	-94.099	41.059	53.041
409.030	45.147	-78.020	39.651	38.369
409.037	45.147	-78.020	39.651	38.369
481.209	45.869	-75.554	39.435	36.119
481.200	44.688	-75.708	39.223	36.481
492.032	45.176	-73.530	38.921	34.609
492.033	45.176	-73.530	38.921	34.609
527.700	40.081	-66.816	37.975	28.940
577.270	49.460	-57.630	37.131	20.499
577.270	49.460	-57.630	37.131	20.499
609.000	51.972	-43.066	34.717	3.349
738.919	49.921	-30.593	30.720	-.127
738.920	49.921	-30.593	30.720	-.127
748.913	49.863	-29.021	30.216	-1.195
748.919	44.870	-29.277	23.946	.731
768.917	44.290	-23.111	23.252	-.141
768.918	44.290	-23.111	23.252	-.141
791.504	42.576	-24.311	25.316	-2.005
857.500	33.293	-17.539	22.642	-5.053
923.400	33.796	-12.054	19.039	-7.035
989.400	27.953	-7.587	15.149	-7.562
1055.500	21.927	-4.212	11.481	-7.263
1121.500	13.048	-1.349	7.629	-5.730
1154.500	11.420	-1.045	5.705	-4.661
1167.280	7.835	-.478	3.871	-3.393
1220.200	4.047	-.143	2.002	-1.959
1253.200	.039	-.034	.353	-.719
1266.200	.357	-.011	.134	-.174
1319.170	.000	.000	.000	.000

PREPARED * *	UNIT INERTIA LOADS					PAGE NO. **3.2-497	
ENGINEER * *						MODEL *****0-5A	
APPROVED * *	*** WING (FUEL INCLUDED) ***					REPORT NO. *IG1US54-12-1	
DATE *****11/22/55*	SWEPT AXIS SYSTEM					PAGE IS *** F10602	
FUEL WT. 107250.0 LB.		DENSITY 6.500 LB./GAL.		ALTITUDE -12.000 029.			
LOAD AXIS ORIGIN		F.S. 1115.533	B.L.	.000	B.L.	350.250	
ROTATIONAL AXIS ORIGIN		F.S. 1115.533	B.L.	.000	B.L.	265.000	
TANK	1	2	3	4	5	6	7
WT.	21794.1	30062.0	.0	.0	30062.5	22256.0	1788.0
							1306.5
SYN.	SYN	SYN	SYN	SYN	SYN	SYN	SYN
.000	-165945.	-34903.	-2.717	8.194	100.071	-28.738	
121.301	-159766.	-32903.	-2.227	5.717	79.346	-21.935	
120.302	-159786.	-32903.	-2.227	5.717	79.346	-21.935	
197.900	-144003.	-47750.	-1.973	5.950	66.938	-18.667	
263.800	-131700.	-43670.	-1.781	5.370	57.363	-16.461	
329.000	-119599.	-39653.	-1.600	4.826	48.601	-13.938	
395.752	-109425.	-36284.	-1.438	4.333	40.659	-11.503	
459.355	-99342.	-32941.	-1.272	3.835	32.557	-9.475	
469.687	-99342.	-32941.	-1.272	3.835	32.557	-9.475	
481.259	-97795.	-32423.	-1.246	3.758	31.314	-9.164	
481.260	-87438.	-28994.	-.939	2.833	31.346	-11.143	
492.552	-85922.	-23491.	-.919	2.771	30.339	-10.314	
492.553	-85922.	-23491.	-.919	2.771	30.339	-10.314	
527.700	-61250.	-26942.	-.856	2.580	27.234	-9.576	
577.275	-77437.	-25684.	-.767	2.313	23.117	-8.594	
577.276	-77435.	-25311.	-.765	2.238	23.117	-8.594	
659.500	-67857.	-29259.	-.737	1.824	16.616	-5.625	
733.919	-56743.	-24467.	-.658	1.527	11.235	-3.294	
738.920	-56743.	-24467.	-.658	1.527	11.235	-3.294	
748.915	-55343.	-23853.	-.642	1.489	10.613	-3.055	
748.919	-45290.	-19523.	-.244	.565	10.651	-4.587	
758.917	-45921.	-18953.	-.233	.541	10.192	-4.459	
758.918	-45921.	-18933.	-.233	.541	10.192	-4.459	
791.534	-39460.	-17014.	-.199	.462	8.643	-3.808	
857.500	-31733.	-13685.	-.141	.327	6.183	-2.594	
923.400	-25130.	-10357.	-.093	.216	4.156	-1.511	
989.400	-18342.	-8124.	-.056	.130	2.527	-1.105	
1055.500	-13425.	-5709.	-.029	.068	1.373	-.522	
1121.500	-8415.	-3629.	-.012	.028	.590	-.252	
1154.500	-6113.	-2636.	-.005	.014	.330	-.166	
1137.256	-4008.	-1723.	-.003	.005	.149	-.090	
1220.200	-1958.	-844.	-.001	.002	.064	-.050	
1253.200	-305.	-131.	-.000	.001	.010	-.016	
1286.200	-149.	-64.	-.000	.000	.003	-.009	
1319.175	0.	0.	-.000	.000	-.000	-.000	

PREPARED *	UNIT INERTIA LOADS				PAGE NO. ***3.2-498		
CHECKED *					MODEL *****C-5A		
APPROVED *	*** WING (FUEL INCLUDED) ***				REPORT NO. *IG10S54-12-1		
DATE *****11/03/63*	SWEPT AXIS SYSTEM				CASE ID *** F10502		
FUEL WT. 117260.0 LB.	DENSITY 6.500 LB./GAL.				ALTITUDE -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				V.L. 265.000		
TANK	1	2	3	4	5	6	7
WT. 21794.5	30082.0	.0	.0	30082.5	22256.1	1788.0	1308.0
STA.	S2MZ	AXMZ	BYMZ	SXTOD	SYTOD	SZTOD	
.000	-174725.	-104.046	-4.171	-15396.	-5105.	123727.	
120.361	-168341.	-32.217	-4.153	-14020.	-4049.	121581.	
120.362	-168341.	-32.217	-4.153	-14020.	-4049.	121581.	
197.930	-161713.	-69.475	-3.180	-10637.	-3534.	117341.	
283.330	-138751.	-59.629	-2.429	-8137.	-2715.	113113.	
329.330	-126003.	-50.534	-2.019	-5980.	-1983.	107375.	
395.752	-115234.	-42.308	-1.594	-4222.	-1400.	102193.	
459.886	-104661.	-33.866	-1.254	-2642.	-876.	96225.	
459.887	-104661.	-33.864	-1.254	-2642.	-876.	96225.	
481.259	-103031.	-32.607	-1.158	-2400.	-796.	95310.	
481.259	-92120.	-33.260	.711	-3510.	-1164.	92657.	
492.632	-90523.	-32.201	.716	-3297.	-1093.	91780.	
492.633	-90523.	-32.201	.716	-3297.	-1093.	91780.	
527.700	-85601.	-28.958	.802	-2639.	-875.	88460.	
577.275	-81004.	-24.638	.385	-2125.	-703.	85679.	
577.276	-81004.	-24.621	-1.257	-2056.	-886.	85679.	
659.580	-73897.	-17.435	-1.414	-1262.	-544.	78793.	
738.919	-61794.	-11.667	-1.444	-170.	-73.	67710.	
738.920	-61794.	-11.667	-1.444	-170.	-73.	67710.	
744.913	-60262.	-10.957	-1.394	-32.	-14.	66312.	
744.919	-49520.	-11.637	.086	-1722.	-741.	68421.	
758.917	-47530.	-11.125	.060	-1407.	-692.	66425.	
758.918	-47530.	-11.125	.060	-1407.	-692.	66424.	
791.534	-42972.	-9.492	.054	-1239.	-554.	63509.	
857.500	-34563.	-6.609	.043	-620.	-297.	44686.	
923.430	-27421.	-4.438	.037	-326.	-141.	36600.	
939.400	-20019.	-2.758	.014	-77.	-33.	26262.	
1055.500	-14020.	-1.507	.023	60.	26.	20773.	
1121.380	-9134.	-.653	.026	110.	47.	13420.	
1154.000	-6657.	-.368	.022	106.	46.	9893.	
1137.258	-4385.	-.173	.024	37.	37.	6559.	
1220.200	-2132.	-.060	.023	52.	20.	3317.	
1253.200	-332.	-.016	.010	11.	5.	550.	
1236.280	-132.	-.006	.007	6.	3.	278.	
1319.173	0.	-.000	.000	0.	0.	0.	

PREPARED *	*	UNIT INERTIA LOADS				PAGE NO. **3.2-499	
CHECKED **	*					MODEL ****C-5A	
APPROVED *	*	*** WING (FUEL INCLUDED) ***				REPORT NO. *LG10S54-12-1	
DATE *****11/06/68*		SWEPT AXIS SYSTEM				CASE ID *** F10602	
FUEL WT. 157250.0 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. 265.000		
TANK	1	2	3	4	5	6	7
WT. 21794.5	30062.5	.0	.0	30062.5	22256.0	1706.0	1306.5
STA.	EXTDC	MYTDC	MZTDC	SXTDS	SYTDS	SZTDS	
.000	95.668	-2.135	5.377	117439.	38942.	16220.	
120.381	80.101	-2.134	3.493	115402.	38286.	14770.	
120.384	80.101	-2.134	3.493	115402.	38286.	14770.	
197.900	70.368	-2.250	2.485	111378.	36937.	11227.	
263.300	62.407	-2.372	1.830	107365.	35601.	8626.	
329.800	54.710	-2.295	1.332	101918.	33795.	6300.	
395.752	47.469	-2.377	.980	96999.	32164.	4448.	
469.886	39.765	-2.457	.718	91335.	30286.	2764.	
469.887	39.765	-2.457	.718	91335.	30286.	2764.	
481.259	38.614	-2.494	.678	90467.	29996.	2528.	
481.260	38.665	-2.666	.675	98138.	29226.	3698.	
492.632	37.594	-2.665	.638	87116.	28887.	3474.	
492.633	37.594	-2.665	.638	87116.	28887.	3474.	
527.700	34.247	-2.648	.526	83965.	27842.	2761.	
577.275	29.716	-2.666	.404	81324.	26968.	2259.	
577.276	29.635	-.077	.404	78676.	33924.	2259.	
659.000	22.284	.137	.245	72354.	31198.	1374.	
738.919	15.966	.255	.186	62176.	26809.	135.	
738.920	15.966	.255	.186	62176.	26809.	135.	
748.918	15.191	.320	.179	60693.	26250.	35.	
748.919	15.468	-.359	.173	55026.	23726.	1373.	
758.917	14.634	-.321	.157	53650.	23135.	1750.	
758.918	14.834	-.321	.157	53650.	23135.	1750.	
791.504	12.810	-.280	.105	49163.	21196.	1349.	
857.500	9.257	-.227	.034	41007.	17682.	751.	
923.400	6.334	-.172	-.001	33679.	14492.	355.	
989.400	3.981	-.103	-.016	25943.	11186.	84.	
1055.300	2.227	-.096	-.017	19030.	8227.	-65.	
1121.300	.993	-.070	-.011	12323.	5314.	-120.	
1154.300	.570	-.057	-.007	9635.	3917.	-115.	
1187.250	.274	-.053	-.004	6960.	2613.	-94.	
1220.200	.099	-.053	-.001	3046.	1313.	-57.	
1253.200	.027	-.019	-.000	505.	213.	-12.	
1286.200	.011	-.013	-.000	255.	113.	-7.	
1319.170	-.000	.000	.000	0.	0.	-0.	

PREPARED *	*	UNIT INERTIA LOADS				PAGE NO. **3.2-500	
CHECKED **	*					MODEL *****C-5A	
APPROVED *	*	*** WING (FUEL INCLUDED) ***				REPORT NO. * IG1US54-12-1	
DATE *****11/03/60*		SWEPT AXIS SYSTEM				CASE IN. *** F10602	
FUEL WT. 107250.0 LB.		DENSITY 6.500 LB./GAL.		ALTITUDE -12.000 DEG.			
LOAD AXIS ORIGIN		F.S. 1116.563	B.L.	.000	A.L.	350.250	
ROTATIONAL AXIS ORIGIN		F.S. 1116.563	B.L.	.000	A.L.	265.000	
TANK	1	2	3	4	5	6	7
WT. 21794.5	30062.5	.0	.0	30062.5	22256.5	1743.0	1300.5
STX.	YXTDS	XYTDS	XZTDS	SZPD	MAPO	HYPO	
.000	7.869	-6.647	-90.128	-259193.	-202.346	-1.807	
120.361	5.530	-5.578	-75.343	-257992.	-169.625	-1.831	
120.362	5.530	-5.578	-75.342	-257992.	-169.625	-1.831	
197.900	4.324	-5.146	-66.084	-251140.	-148.948	-1.421	
263.300	3.510	-4.774	-53.489	-243378.	-131.915	-.955	
329.800	2.848	-4.357	-51.208	-233513.	-115.471	-.661	
395.752	2.348	-3.960	-44.309	-223479.	-99.737	-.257	
469.866	1.929	-3.536	-36.989	-211339.	-82.929	.142	
469.867	1.929	-3.536	-36.989	-211339.	-82.929	.142	
481.259	1.867	-3.477	-35.866	-209574.	-80.357	.253	
481.260	1.723	-3.068	-35.874	-196016.	-61.062	2.610	
492.632	1.666	-3.001	-34.845	-193940.	-78.750	2.616	
492.633	1.666	-3.001	-34.845	-193940.	-78.750	2.616	
527.700	1.485	-2.806	-31.673	-187535.	-71.726	2.730	
577.275	1.263	-2.525	-27.367	-181362.	-62.164	2.344	
577.276	1.477	-2.406	-27.367	-181362.	-62.165	-2.561	
639.600	1.105	-1.944	-20.517	-169283.	-46.162	-2.613	
738.919	.896	-1.607	-14.762	-147180.	-32.527	-2.348	
738.920	.896	-1.607	-14.762	-147180.	-32.527	-2.348	
746.918	.872	-1.560	-14.037	-144394.	-30.354	-2.754	
746.919	.825	-1.732	-14.060	-123253.	-31.955	.182	
758.917	.493	-1.749	-13.494	-120239.	-30.692	.129	
758.918	.493	-1.749	-13.494	-120239.	-30.692	.129	
791.504	.392	-1.674	-11.652	-110514.	-26.550	.112	
857.500	.237	-1.463	-8.413	-92050.	-19.236	.107	
923.400	.133	-.311	-5.748	-76219.	-13.137	.036	
989.400	.064	-.189	-3.615	-59125.	-8.209	.037	
1055.500	.025	-.101	-2.007	-43516.	-4.629	.031	
1121.500	.006	-.041	-.884	-28143.	-2.052	.020	
1154.500	.001	-.022	-.501	-20753.	-1.170	.070	
1187.250	-.000	-.009	-.231	-13009.	-.555	.077	
1220.200	-.001	-.002	-.070	-6851.	-.196	.092	
1253.200	-.000	-.001	-.017	-1174.	-.063	.035	
1286.200	-.000	-.000	-.005	-547.	-.022	.024	
1319.173	.000	.000	-.000	0.	-.000	.000	