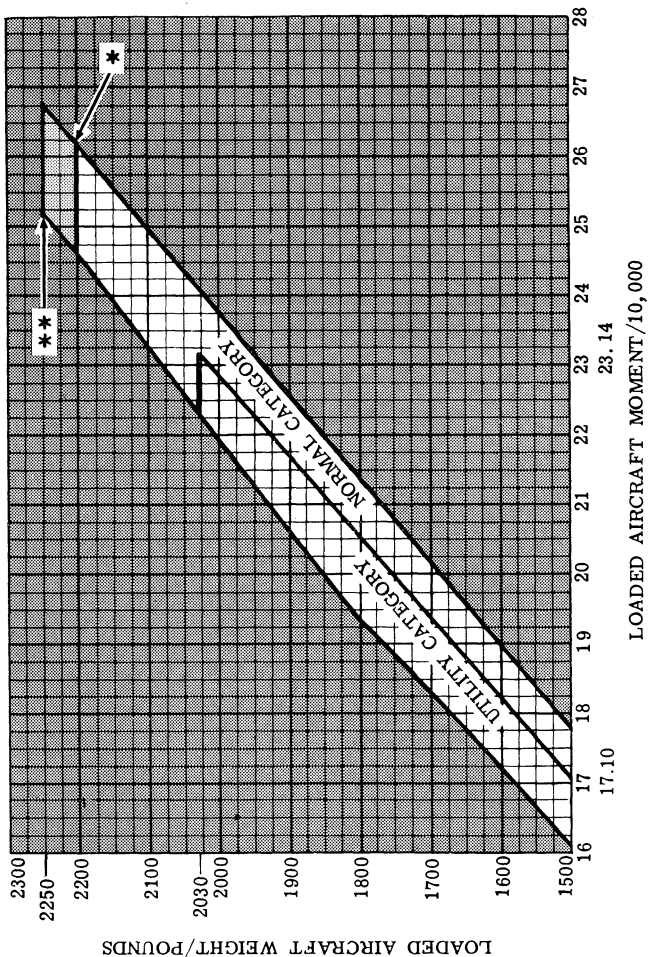


GROSS WEIGHT MOMENT LIMITS



\*A23-19

\*\*19A, A23-19 when Beechcraft Kit 23-5003 is installed

**GROSS WEIGHT MOMENT LIMITS  
(NORMAL CATEGORY)**

<u>Gross</u> <u>Wt</u>	<u>Min.</u> <u>Mom.</u> <u>100</u>	<u>Max.</u> <u>Mom.</u> <u>100</u>	<u>Gross</u> <u>Wt</u>	<u>Min.</u> <u>Mom.</u> <u>100</u>	<u>Max.</u> <u>Mom.</u> <u>100</u>	<u>Gross</u> <u>Wt</u>	<u>Min.</u> <u>Mom.</u> <u>100</u>	<u>Max.</u> <u>Mom.</u> <u>100</u>
1500	1617	1775	1760	1897	2082	2020	2224	2390
1510	1628	1786	1770	1908	2094	2030	2237	2401
1520	1639	1798	1780	1919	2106	2040	2250	2413
1530	1649	1810	1790	1930	2118	2050	2263	2425
1540	1660	1822	1800	1940	2129	2060	2276	2437
1550	1671	1834	1810	1953	2141	2070	2289	2449
1560	1682	1845	1820	1966	2153	2080	2303	2461
1570	1692	1857	1830	1978	2165	2090	2316	2472
1580	1703	1869	1840	1991	2177	2100	2329	2484
1590	1714	1881	1850	2004	2189	2110	2342	2496
1600	1725	1893	1860	2016	2200	2120	2355	2508
1610	1736	1905	1870	2029	2212	2130	2369	2520
1620	1746	1916	1880	2042	2224	2140	2381	2532
1630	1757	1928	1890	2054	2236	2150	2395	2543
1640	1768	1940	1900	2067	2248	2160	2409	2555
1650	1779	1952	1910	2080	2260	2170	2423	2567
1660	1789	1964	1920	2092	2271	2180	2436	2579
1670	1800	1976	1930	2106	2283	2190	2450	2591
1680	1811	1987	1940	2118	2295	2200	2463	2603
1690	1822	1999	1950	2133	2307	2210	2477	2614
1700	1833	2011	1960	2144	2319	2220	2490	2626
1710	1843	2023	1970	2157	2331	2230	2504	2638
1720	1854	2035	1980	2172	2342	2240	2517	2650
1730	1865	2047	1990	2185	2354	2250	2531	2662
1740	1876	2058	2000	2198	2366			
1750	1887	2070	2010	2211	2378			

The above weight and moment limits are based on the following weight and center of gravity limit data:

<b>NORMAL CATEGORY WEIGHT CONDITION</b>	<b>FWD CG LIMIT</b>	<b>AFT CG LIMIT</b>
2250 lb. (max. take-off or landing) Models: 19A, A23-19 when Beechcraft Kit 23-5003 is installed.	112.5	118.3
2200 lb. (max. take-off or landing) Model: A23-19	112.0	118.3
1800 lb. or less	107.8	118.3

**GROSS WEIGHT MOMENT LIMITS  
(UTILITY CATEGORY)  
(ACROBATIC CATEGORY - 19A)**

Gross Wt	Min. Mom. 100	Max. Mom. 100	Gross Wt	Min. Mom. 100	Max. Mom. 100	Gross Wt	Min. Mom. 100	Max. Mom. 100
1500	1617	1710	1680	1811	1915	1860	2017	2120
1510	1628	1721	1690	1822	1927	1870	2029	2132
1520	1639	1733	1700	1833	1938	1880	2042	2143
1530	1649	1744	1710	1843	1949	1890	2055	2155
1540	1660	1756	1720	1854	1961	1900	2068	2166
1550	1671	1767	1730	1865	1972	1910	2081	2177
1560	1682	1778	1740	1876	1984	1920	2094	2189
1570	1692	1790	1750	1887	1995	1930	2107	2200
1580	1703	1801	1760	1897	2006	1940	2120	2212
1590	1714	1813	1770	1908	2018	1950	2133	2223
1600	1725	1824	1780	1919	2029	1960	2145	2234
1610	1736	1835	1790	1930	2041	1970	2158	2246
1620	1746	1847	1800	1940	2052	1980	2172	2257
1630	1757	1858	1810	1953	2063	1990	2185	2269
1640	1768	1870	1820	1966	2075	2000	2198	2280
1650	1779	1881	1830	1978	2086	2010	2211	2291
1660	1789	1892	1840	1991	2098	2020	2224	2303
1670	1800	1904	1850	2004	2109	2030	2237	2314

The above weight and moment limits are based on the following weight and center of gravity limit data:

UTILITY CATEGORY & ACROBATIC CATEGORY

WEIGHT CONDITION	FWD CG LIMIT	AFT CG LIMIT
2030 lbs (max. take-off or landing)	110.2	114.0
1800 lbs or less	107.8	114.0