

Mooney Model Comparison Compiled by Dennis Shattuck, July 1996, Private Pilot

| Model Name | M20K | M20J | M20F | M20B/C/E | Rocket | Missile |
|--|--------------------------------------|------------------------------------|-------------------------------------|--|------------------------------------|------------------------|
| | 231 | 201,205, MSE | Executive Super 21 | Mark 21/ (M20K) | 305 (M20J) | 300 |
| Engine: Continental Model Horsepower | Continental TS10-360LB 210 | Lycoming 10-3601 B69 200 | Lycoming 10-360-A 1 D 200 | Lycoming 0-360-A 1 A 180/200 | Continental TS10-520 305 | 10-550K 300 |
| Propeller: | McCauley | McCauley | Hartzell | Hartzell | McCauley | Hartzell |
| Performance: | | | | | | |
| Maximum Speed | 198 kts. | 175 kts. | 170 kts. | 157/171 kts. | 232 kts. | 188kts. |
| Cruise Speed (75% Power) | 188 kts. | 169 kts. | 156 kts. | 152/160 kts. | 232 kts. | 188kts. |
| Stall Speed (full flaps) | 60 kts. | 53 kts. | 54 kts. | 50 kts. | 61 kts. | 60 kts. |
| Rate of Climb | 1000 fpm | 1030 fpm | 1330 fpm | 800/1100 fpm | 1550 fpm | 1550 fpm |
| Range, Cruise (no reserve) | 1000 n.m. | 1125 n.m. | 827 n.m. | 609/748 n.m. | 675 n.m. | 750 n.m. |
| Service Ceiling | 24,000 ft. | 18,800 ft. | 17,000 ft. | 17,500 ft. | 24,000 ft. | 24,000 ft. |
| Takeoff Ground Roll | 1250 ft. | 970 ft. | 895 ft. | 815/760 ft. | 775 ft. | 775 ft. |
| Landing Ground Roll | 1150 ft. | 800 ft. | 640 ft. | 600 ft. | 1150 ft. | 800 ft. |
| Weights and Loadings: | | | | | | |
| Max. Gross Weight | 2900 lbs. | 2740 lbs. | 2740 lbs. | 2575 lbs. | 3017 lbs. | 2997 lbs. |
| Empty Weight | 1860 lbs. | 1640 lbs. | 1622 lbs. | 1525/1600 lbs. | 2060 lbs. | 2100 lbs. |
| Useful Load | 1040 lbs. | 1100 lbs. | 1118 lbs. | 1050/975 lbs. | 960 lbs. | 1007 lbs. |
| Wing Loading, lb./sq.ft. | 16.6 | 16.4 | 16.4 | 15.4 | 17.2 | 17.9 |
| Power Loading, lb./hp | 13.8 | 13.7 | 13.7 | 14.3/12.9 | 9.9 | 9.9 |
| Fuel Capacity | 78.6 gal. | 64 gal. | 64 gal. | 48/52 gal. | 78.6 gal. | 64 gal. |