

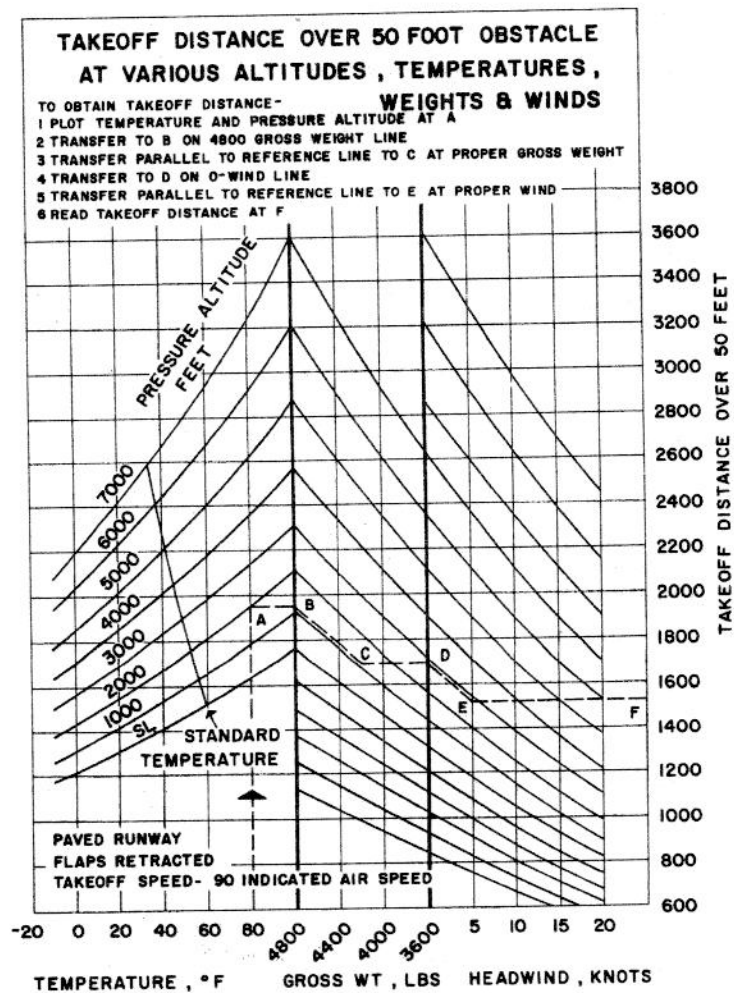
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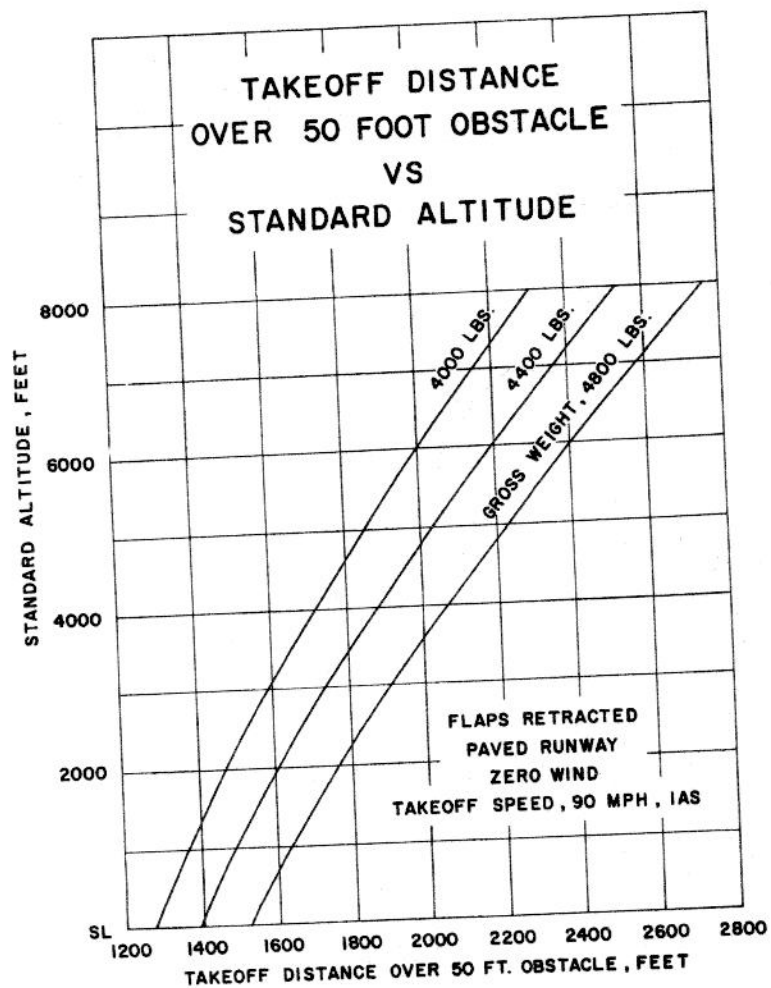
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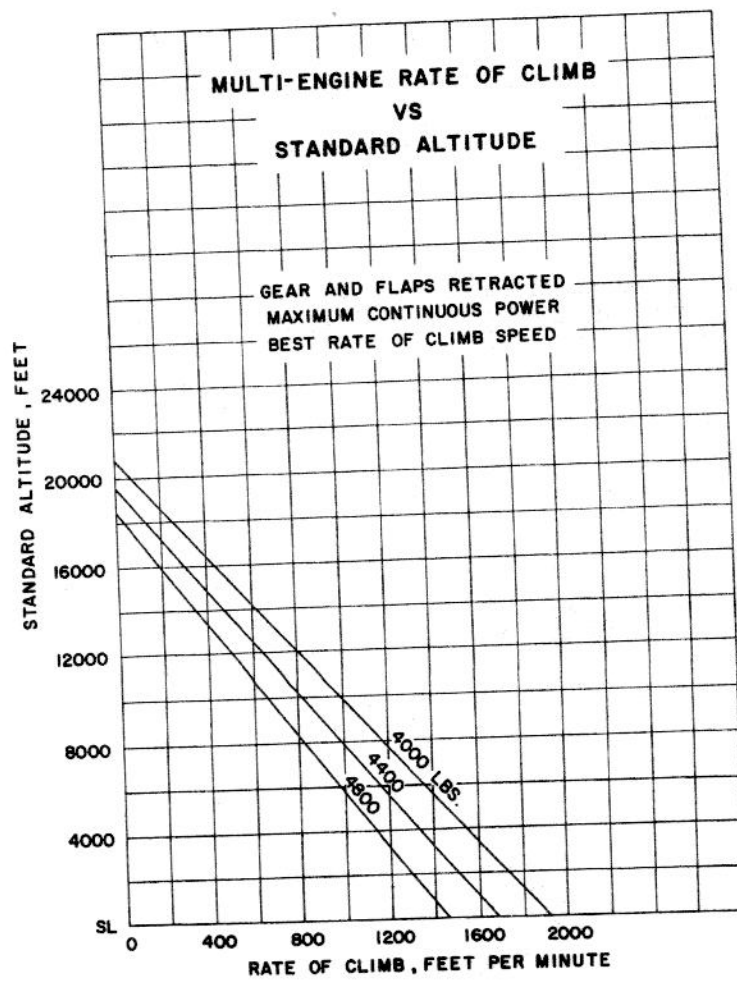
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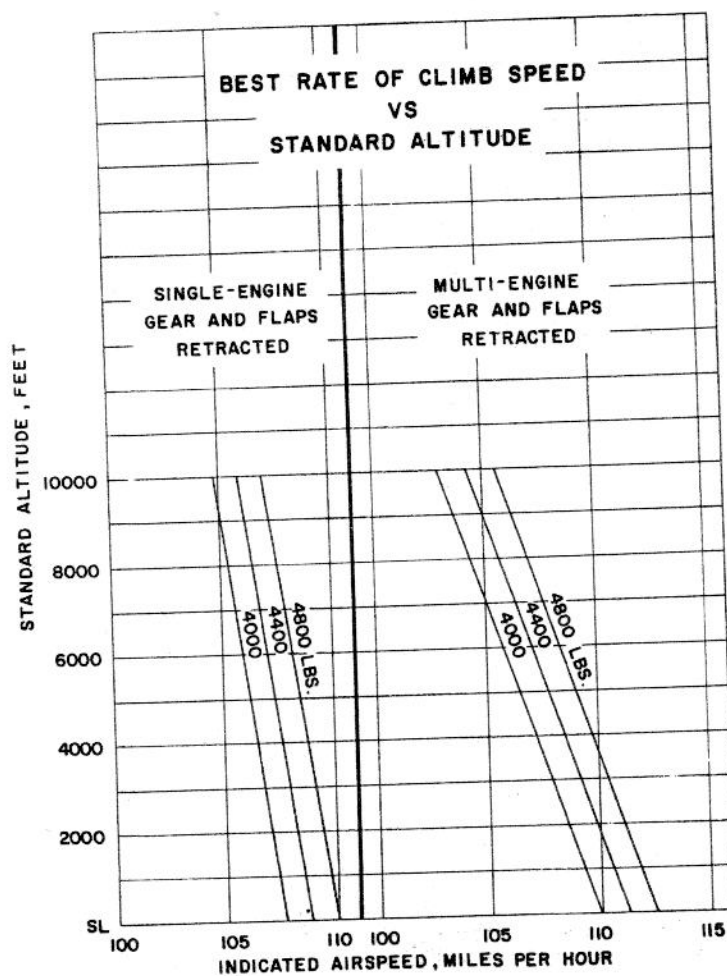
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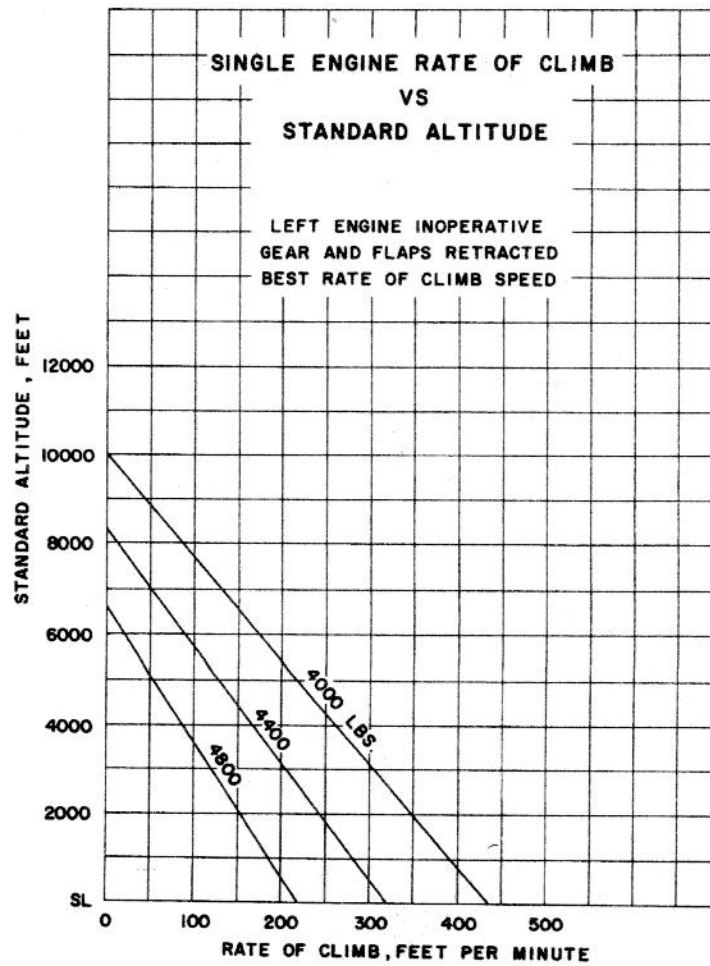
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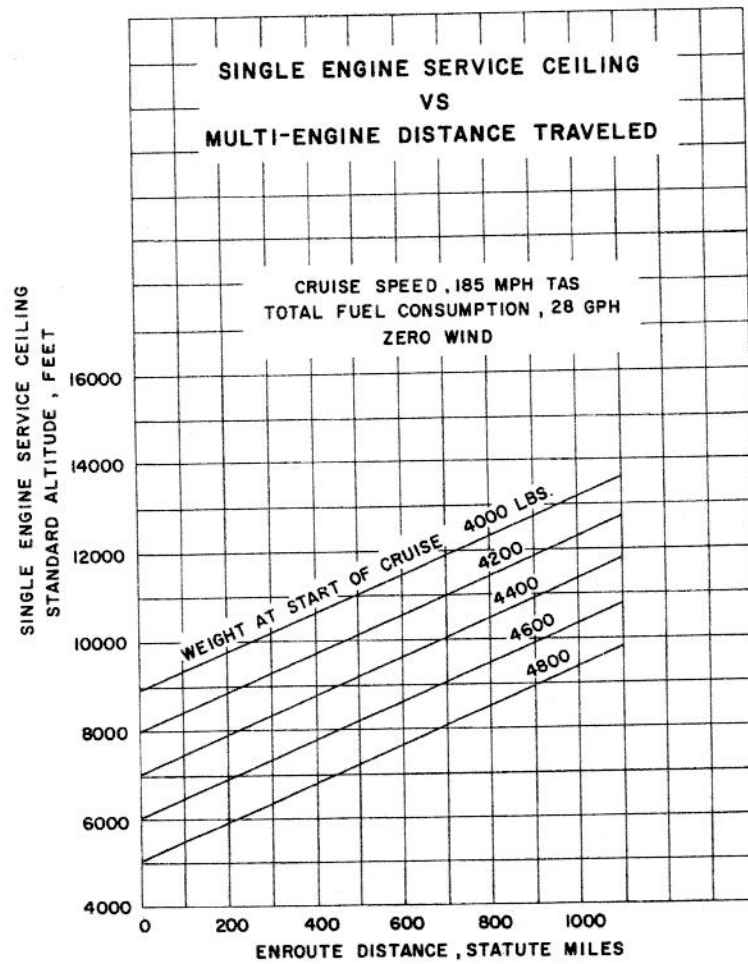


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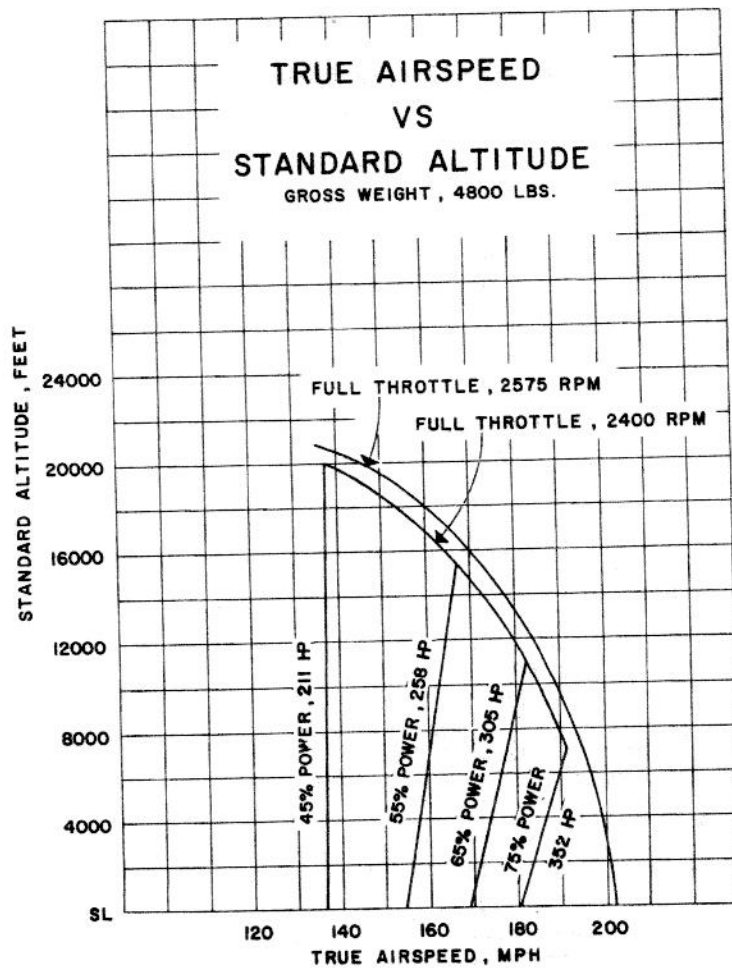


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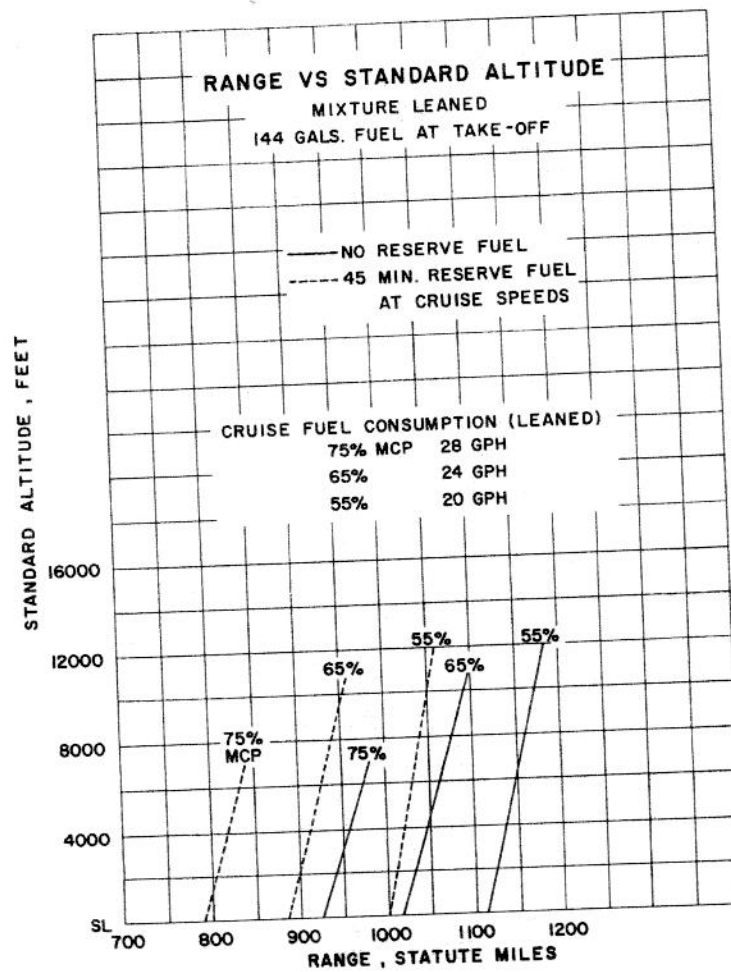
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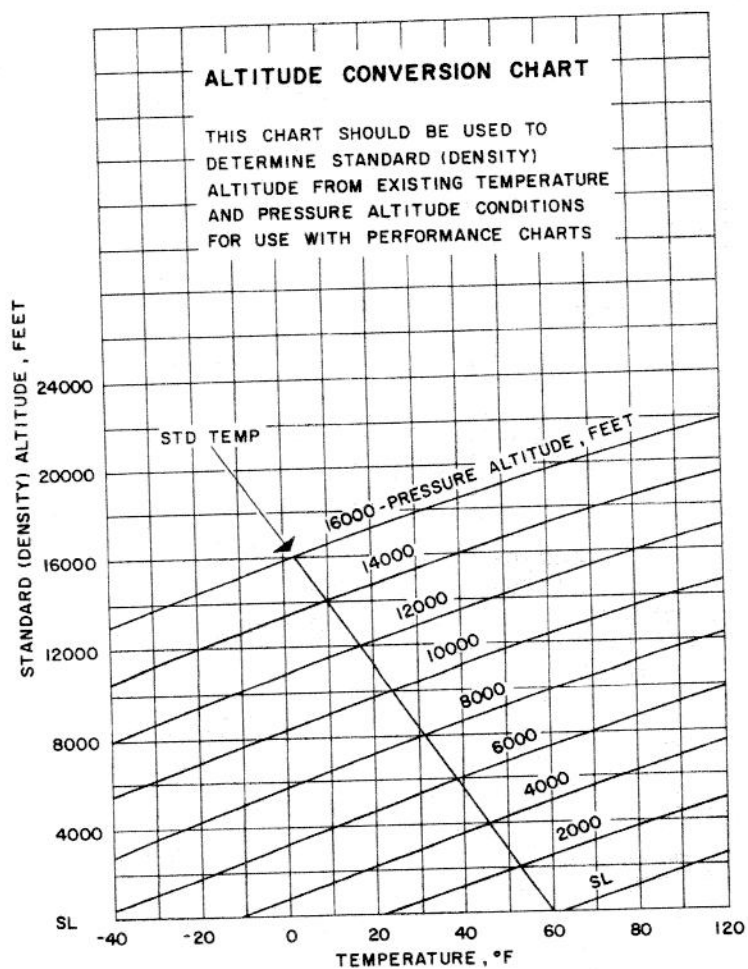
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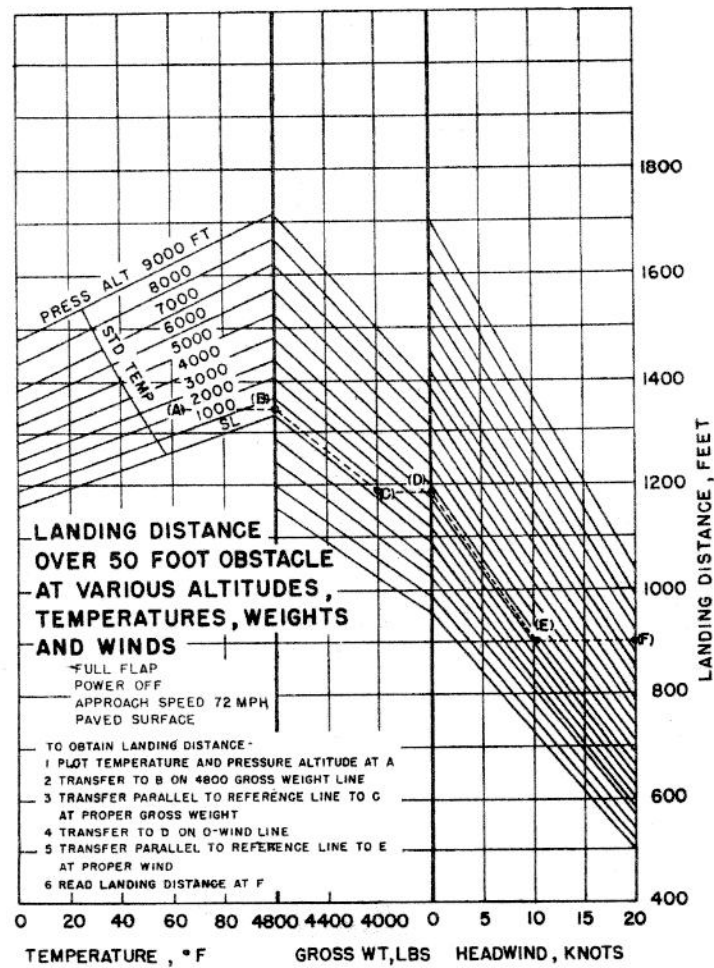
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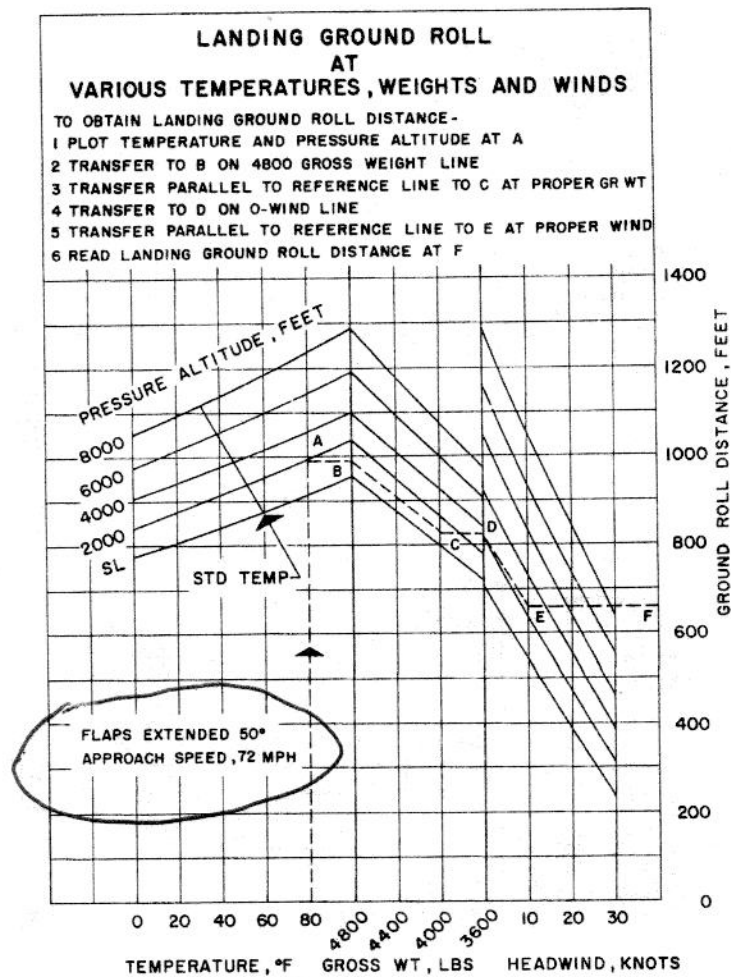
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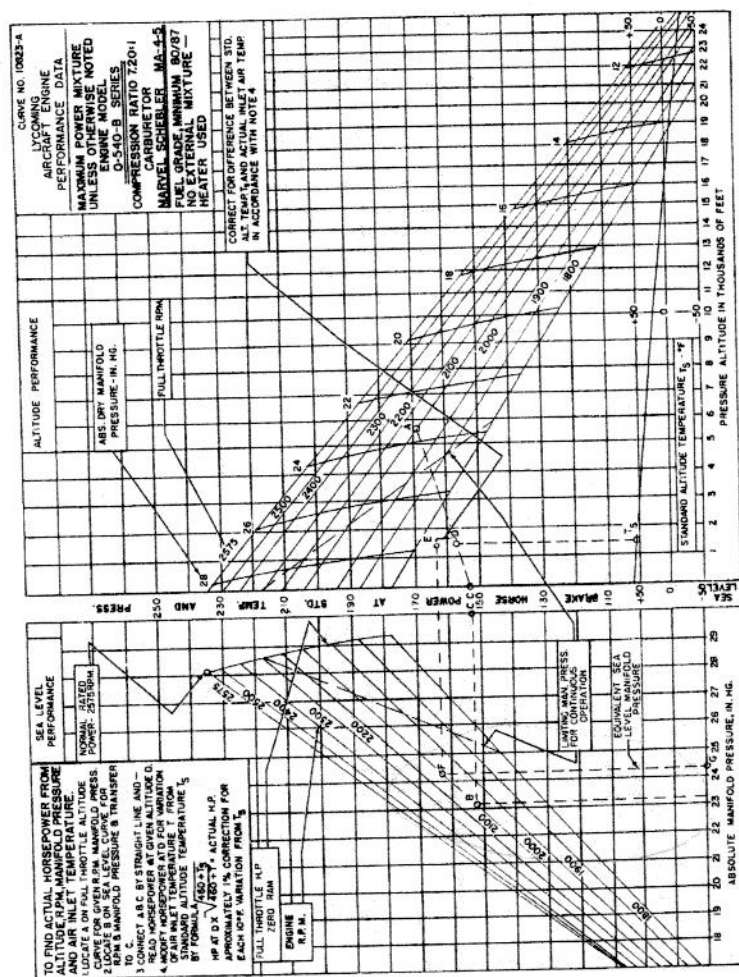


PIPER APACHE

PA-23-235



Power Chart, Lycoming O-540-B



Power Setting Table - Lycoming Model O-540-B-235 HP Engine

| Press. Alt. 1000 Feet | Std. Alt. Temp. °F | 129 HP - 55% Rated | | | | 153 HP - 65% Rated | | | | 176 HP - 75% Rated | | | |
|--------------------------------|-----------------------------|--------------------------------------------------|------|------|------|---------------------------------------------------|------|------|------|---------------------------------------------------|------|------|------|
| | | Approx. Fuel 9.7 Gal./Hr. RPM AND MAN. PRESS. | | | | Approx. Fuel 11.5 Gal./Hr. RPM AND MAN. PRESS. | | | | Approx. Fuel 13.2 Gal./Hr. RPM AND MAN. PRESS. | | | |
| | | 2100 | 2200 | 2300 | 2400 | 2100 | 2200 | 2300 | 2400 | 2100 | 2200 | 2300 | 2400 |
| SL | 59 | 20.6 | 20.1 | 19.6 | 19.2 | 23.2 | 22.6 | 22.0 | 21.5 | 25.7 | 25.0 | 24.4 | 23.7 |
| 1 | 55 | 20.3 | 19.8 | 19.3 | 18.9 | 22.9 | 22.3 | 21.7 | 21.2 | 25.4 | 24.7 | 24.1 | 23.4 |
| 2 | 52 | 20.1 | 19.6 | 19.1 | 18.7 | 22.7 | 22.1 | 21.5 | 21.0 | 25.2 | 24.5 | 23.8 | 23.1 |
| 3 | 48 | 19.8 | 19.3 | 18.8 | 18.4 | 22.4 | 21.8 | 21.2 | 20.7 | 24.9 | 24.2 | 23.5 | 22.8 |
| 4 | 45 | 19.6 | 19.1 | 18.6 | 18.2 | 22.2 | 21.6 | 21.0 | 20.5 | 24.7 | 24.0 | 23.3 | 22.5 |
| 5 | 41 | 19.3 | 18.8 | 18.3 | 17.9 | 21.9 | 21.3 | 20.7 | 20.2 | --- | --- | 23.0 | 22.3 |
| 6 | 38 | 19.1 | 18.6 | 18.1 | 17.7 | 21.7 | 21.1 | 20.5 | 19.9 | --- | --- | 22.7 | 22.0 |
| 7 | 34 | 18.8 | 18.3 | 17.8 | 17.4 | 21.4 | 20.8 | 20.2 | 19.7 | --- | --- | --- | 21.6 |
| 8 | 31 | 18.6 | 18.1 | 17.6 | 17.2 | 21.2 | 20.6 | 20.0 | 19.4 | --- | --- | --- | --- |
| 9 | 27 | 18.4 | 17.9 | 17.4 | 17.0 | --- | 20.4 | 19.8 | 19.2 | --- | --- | --- | --- |
| 10 | 23 | 18.2 | 17.7 | 17.2 | 16.8 | --- | --- | 19.6 | 19.0 | --- | --- | --- | --- |
| 11 | 19 | 18.0 | 17.5 | 17.0 | 16.6 | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | 16 | 17.8 | 17.3 | 16.8 | 16.4 | --- | --- | --- | --- | --- | --- | --- | --- |
| 13 | 12 | --- | 17.1 | 16.6 | 16.2 | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 | 9 | --- | --- | 16.4 | 16.1 | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | 5 | --- | --- | --- | 15.9 | --- | --- | --- | --- | --- | --- | --- | --- |

To maintain constant power, correct manifold pressure approximately 0.18" Hg. for each 10° F variation in carburetor air temperature from standard altitude temperature. Add manifold pressure for air temperatures above standard; subtract for temperatures below standard.