

Flight-Resource

A Division of **McFarlane**

World's Largest MT-Propeller Distributor



Cessna C180 & 182 C180(_-_-K), C182(A-R)

Engines: Continental O-470 (K, L, R, S, U)
STC recently amended to include planes with modified or larger engines such as the -520 or -550

Advantages: (O-470-S; 230HP@2600rpm compared to 2-blade 82" McCauley)

- Approximately 14 pounds less weight than the original propeller
- 27 pounds less than the 78" 403 Mac
- Increased static thrust by 50 pounds
- Shorter take-off distance by approximately 75'
- Improved rate of climb performance by approximately 100fpm
- Increased cruise performance by approximately 2 knots
- No restricted propeller rpm ranges
- Best vibration dampening characteristics for almost vibration free propeller operations
- Stainless steel leading edge for superior durability
- Unlimited blade and hub life
- Reduced risk of engine damage resulting from prop strikes
- No expensive or bothersome AD's

STC Kit Contents:

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|---|--------------------------------------|
| • One 2 or 3-Blade Constant Speed Propeller | MTV-15-D/210-58 (2 blade) |
| • One Full Composite Spinner | MTV-9-D/210-58 (3 blade) |
| • One Airplane Flight Manual Supplement | P-271-1-C (C180) or P-271-2-C (C182) |
| • One Installation Instruction | Doc. No. ES1027-180 (182) |
| • One Instruction for Continued Airworthiness | Doc. No. ES1027-5 |
| • One Operation and Installation Manual | Doc. No. ES1027-9 |
| | ATA 61-01-24 (E-124) |

Propeller Specifications:

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| • Full Propeller Designation | MTV-(15 or 9)-D/210-58 |
| • Propeller Hub | ARP-502 'D' Flange |
| | Hub milled from single-piece aluminum billet |
| • Blades | -58 series Scimitar design |
| | Light-weight composite construction |
| | w/ integrated stainless steel leading edge |
| • Installed Propeller & Spinner Weight | 45.6 lbs (54 lbs for 3-blade) |
| • Maximum Diameter | 82.7 in. (210cm) |
| • Minimum Diameter | 79.9 in. (203cm) |
| • TBO | 1800 hrs / 72 month |

To learn more about this prop
866-717-1117
www.Flight-Resource.com

For other products
800-544-8594
www.McFarlaneAviation.com