



Cessna R182, FR182, TR182, and T182 with O-540-J3C5D. or O-540-L3C5D



Basic Kit:

- Part Number: I3R00203STP
- 1 3-Bladed Propeller: HC-I3YR-1RF/F8068
- 1 Polished Spinner: D-6750-P
- 1 STC Document Set: SA03078CH

Kit with electric De-ice:

- Part Number: I3R00250STP
- 1 3-Bladed Propeller: HC-I3YR-1RF/F8068B
- 1 Polished Spinner: 105012P
- 1 Airframe De-ice Kit: 104996
- 1 STC Document Set: SA03078CH

Kit Eligibility:

- R182, TR182 S/N R18201314 through R18202041.
- FR 182 S/N FR18200046 through FR00070.
- T182 S/N 18267716 through 18268368, and 182-68369 through 182-68541.

- Optional: 1 100800 Balance Weight Kit
REF: Cessna Service Kit SK182-71E.
See next page for eligibility details.



CESSNA R182, FR182, TR182, T182

Applicable Models: R182, FR182, TR182 and T182 s/n R18201314 through R18202041, FR18200046 through FR00070, and T182 18267716 through 18268368, and 182-68369 through 182-68541.

Specifications: 82 inch dia 3-bladed, **Scimitar**, aluminum, extended hub prop
Compatible De-ice:(Replaces 3 blade to 3 blade only)
2400 hour / 6 year TBO
85.0 pounds (propeller and spinner)
Diameter reduction allowable to 80 inches

Replaces:

McCauley C218 – 82 inch diameter 2-bladed propeller
Diameter reduction allowable to 80.5 inches
2400 hour / 6 year TBO

McCauley C219 82 inch diameter 2-bladed propeller
Diameter reduction allowable to 80.5 inches
2400 hour / 6 year TBO

McCauley C407 79 inch diameter 3-bladed propeller
Diameter reduction allowable to 78.0 inches
2400 hour / 6 year TBO

McCauley C431 79 inch diameter 3-bladed propeller
Diameter reduction allowable to 77.0 inches
2400 hour / 6 year TBO

Advantages:

Improved climb performance - + 8.5% over 79" McCauley
Better cruise performance than 79" McCauley (2-4 knots)
Noise – 77.5 dB(a) measured per FAR 36, Appendix G, and also meets ICAO Annex 16, Chapter 10 noise standards.
Improved appearance
Current design

Notes:

Balance Weight Kit eligibility per SK182-71E:

R182 s/n R18201314 through R18201628,
FR82 s/n FR18200046 through FR18200070,
TR182 R18201314 through R18201628,
R182 s/n R18201629 through R18202041 (per TCDS 3A13, Rev. 69),
TR182 s/n R18201629 and later (per TCDS 3A13, Rev. 69).