



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



### Basic Kit:

**Part Number:** C3R02004STP  
**1 3-Bladed Propeller:** HC-C3YR-1RF/F8068  
**1 Polished Spinner:** A-2295-3P  
**1 STC Document Set:** SA03078CH

### Kit Eligibility:

R182 S/N R18200001 through R18201313.  
FR 182 S/N FR18200001 through FR00045.

**Optional:** 100803 Balance Weight Kit  
REF: Cessna Service Kit SK182-72A eligibility TR182  
s/n R18200584 though R18201313 only, per TCDS  
3A13.

**CESSNA R182, FR182, TR182**

**Applicable Models:** R182, FR182, TR182 s/n R18200001 through R18201313, and FR18200001 through FR00045

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

**Replaces:**

McCauley C214 – 82 inch diameter 2-bladed propeller  
Diameter reduction allowable to 80.5 inches  
2400 hour / 6 year TBO

McCauley C217 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 C433 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