

# MT 5-BLADE COMPOSITE PROPELLERS

AVAILABLE EXCLUSIVELY FROM BLACKHAWK



## UNLEASH MORE POWER

### The Blackhawk Advantage

Exclusive to Caravan customers, you can now maximize the benefits of your aircraft with MT 5-Blade Composite Propellers. MT-Propeller's fast, light-weight composite propellers reduce weight, vibration, and drag while increasing lift, thrust, and blade life. When paired with a Blackhawk engine upgrade - the combination transforms your stock aircraft into a powerhouse.

### UPGRADE BENEFITS



#### Reduced Weight

Significantly lighter than aluminum propellers.



#### Greater Strength

The nickel-cobalt leading edge is 5x stronger than aluminum.



#### More Lift/Thrust

Lower tip speeds maintain smooth airflow across the blades.



#### Added Resale Value

Composite propellers hold value due to unlimited blade life.



#### Easy Installation

Easy bolt on design using the existing prop governor.



#### Reduced Vibration

Composites do not experience harmonic vibration, reducing stress on airframe and components.



#### Unlimited Blade Life

Overhaul returns propellers to exact factory-new dimensions.



#### Quieter

Shorter blades and increased blade count results in a smaller diameter and lower tip speeds.



#### More Ground Clearance

Smaller diameter propeller blades reduce chances for prop damage from ground objects and debris.



#### Full Warranty

1 year or 1,000 hours (whichever occurs first) for any manufacturing defects.

### BOOST YOUR AIRCRAFT PERFORMANCE

Upgrades are available for:

King Air 90

King Air 200

King Air 300

King Air 350/350ER

Conquest

Cheyenne (I, II, IIXL)

Caravan

Grand Caravan



**BLACKHAWK**  
AEROSPACE  
UPGRADES



# YOUR AIRCRAFT UNLEASHED

## STC KIT CONTENTS

- 5-Blade Reversing and Full Feathering Constant Speed Propeller
- Full Composite Spinner (AFRP)
- Airplane Flight Manual Supplement
- Installation Instructions
- Instructions for Continued Airworthiness

## TECHNOLOGY

<b>Materials</b>	Natural composite blades with nickel-cobalt leading-edge guards
<b>Blade Life</b>	Unlimited blade life through the ability to restore composites to factory specifications during overhaul
<b>Hub Bearings</b>	Replaceable Steel hub bearing inserts
<b>Efficiency</b>	Increased blade count and shorter diameter
<b>Prop Governors</b>	Utilize existing prop governors for easy bolt-on installation



## READY TO UPGRADE?

### CONTACT US TODAY

Call us today to learn how an MT-Propeller upgrade boosts your performance, comfort, and bottom line.