



## RAM AIRCRAFT, LP

7505 Karl May Drive • Waco Regional Airport • P.O. Box 5219 • Waco, TX 76708  
Phone: (254) 752-8381 • Fax: (254) 752-3307 • www.ramaircraft.com

**ENGINES • PARTS • PROPELLERS • ACCESSORIES • STC'S**

### Cessna 421C ( SN 1001 - 1807 ) One Engine Installation at RAM

#### One OHE CMI GTSIO-520-N [ Specify Side ]

- Horsepower - 375 hp
- TBO - 1600 hrs.
- Cylinders - NE  
[ RAM *Nickel New Cylinder Package* ]
- Crankcase - heavy style case - OHE  
[ with 7th studs on cylinder bases ]
- Crankshaft - OHE
- Camshaft - NE
- Propeller shaft, quill shaft,  
and reduction gear - OHE
- Alternator - exchange
- Starter and starter drive - OHE
- CMI/Bendix Magnetos - OHE
- Spark plugs - new
- Magneto harness - Champion - new
- Fuel injection system - OHE
- Turbocharger - OHE
- Turbo controller - OHE
- Overboost relief valve - OHE
- Intercooler - exchange  
[ inspected and repaired ]
- Induction couplings - new
- Air filter - new
- Metal baffles - exchange  
[ refurbished and painted ]
- Baffle Seals - new  
[ RAM *SureStand* red silicone rubber ]
- Cooling shroud - RAM - new  
[ for dry vacuum pump ]
- Oil cooler - NE
- Precision balance - exchange  
[ crankshaft and rod sets ]
- Core Return Policy - See:  
RAM OHE CMI GTSIO-520  
Engine Overhaul Specifications.
- Also See:  
Value Options & Compliance Items.

OHE = Overhauled Exchange  
NE = New Exchange - OEM or PMA  
New = New Outright - OEM or PMA  
New Items = Subject to test time,  
ferry time and inventory time.

#### Installation Parts - Included

- Propeller - reuse customer's  
[ flush and reuse serviceable propeller ]
- Governor - reuse customer's  
[ flush and reuse serviceable governor ]
- Wastegate and actuator assembly - RAM - OHE
- Induction ducts - new  
[ turbo outlet and inlet ]
- Engine shock mounts - one set of four - new
- Exhaust slip joint - two - new
- Engine 3-in1 gauge - check calibration  
[ for engine being installed ]
- EGT probe - new
- Primary fuel, oil and hydraulic hose kit - new  
[ Heavy duty *Teflon*™ hoses - w / Integral firesleeve ]

## RAM Overhauled Engine TBO Warranty

100% Engine and accessories for the 1st year, or 500-hrs, whichever occurs first. Thereafter, the engine only is warranted on a prorata basis to TBO at RAM's reduced minimum accrual rate of only 30 hours per month, thus extending coverage over four years. For complete details go to [www.ramaircraft.com/ramtbowarranty](http://www.ramaircraft.com/ramtbowarranty)

## Installation and Set-up

- Each aircraft receives a detailed preflight and high altitude flight inspection to ensure airworthiness and to document performance of instruments, flight controls, landing gear, accessories, lights, and avionics.
- Discrepancies are brought to customer's attention. Unairworthy items must be repaired at customer's expense during RAM proceedings in order for RAM to set up, fly, and deliver the finished product.
- Old engine is removed. Engine bed is cleaned. Mount structure is inspected and corrosion treated. Four hours labor is standard.
- Due to its tendency to contaminate the engine oil supply, if installed, the propeller unfeathering accumulator will be disabled unless optionally replaced with a newer unit. OHE: \$875
- Applicable one engine installation parts are installed.
- Engine is installed and set up, which includes multiple high altitude test flights. Fuel for flying both engines is included; however, adjustments or maintenance to the remaining engine, or to the aircraft, are not included in this package price.
- Aircraft washed. Interior cleaned prior to delivery and customer acceptance.
- Remove, clean, and reinstall the air/oil separators on all 421C and late model 421B (after serial number 500).

## One Engine

**Installation at RAM: \$64,981** exchange basis

- **RAM OHE CMI GTSIO-520-N engine**
- **Installation Parts - Included**
- **Installation and Set-up**
- **Reuse Customer's propeller and governor**  
[ Propeller and governor must be airworthy. ]

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