



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 421B One Engine Installation at RAM

One OHE CMI GTSIO-520-H [Specify Side]

- Horsepower: 375
- 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]
- Air / oil separator - exchange
[inspected and repaired]
- 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:
RAM 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 - one - new
- Engine 3-in1 gauge - check calibration
[for engine being installed]
- EGT probe - new
- Primary fuel and oil 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

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: \$62,263 exchange basis

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

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