



RAM AIRCRAFT, LP

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ENGINES • PARTS • PROPELLERS • ACCESSORIES • STC'S

Cessna 421C (SN 0001 - 0901) One Engine Installation at RAM

One OHE TCM GTSIO-520-L [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 - OHE
[reuse serviceable clutch]
- Starter and starter drive - OHE
- TCM/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 TCM 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]

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.

One Engine

Installation at RAM: \$59,262 exchange basis

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

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