



## RAM AIRCRAFT, LP

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

### Beech Baron 58P/TC One Engine Installation at RAM

#### One OHE CMI TSIO-520-WB or -LB

- Horsepower: -WB: 325 ; -LB: 310 hp
- TBO: -WB: 1600 hr. ; -LB: 1400 hr
- Cylinders - NE  
[ RAM *Nickel New* Cylinder Package ]
- Crankcase - heavy style case - OHE  
[ with 7th studs on cylinder bases ]
- Crankshaft - OHE
- Camshaft - RAM high-efficiency
- Alternator - exchange
- Starter and starter drive - OHE
- Magnetos - Champion Slick 6320 - NE  
[ pressurized ]
- Spark plugs - new
- Magneto harness - Champion - new
- Fuel injection system - OHE  
[ and Fuel Servo - OHE ]
- Turbocharger - OHE  
[ and exhaust bypass valve - OHE ]
- Turbo controller - OHE
- Overboost relief valve - OHE
- Intercooler - Reuse Customer's  
[ clean, inspect and repair ]
- Induction couplings - RAM PMA - new
- Air filter - RAM - new
- Metal baffles - exchange  
[ refurbished and painted ]
- Baffle Seals - new  
[ RAM *SureStand* red silicone rubber ]
- Aft induction sleeves - new  
[ induction tube to throttle body servo ]  
[ induction tube to turbocharger ]
- Duct - new  
[ intake manifold riser wye to intercooler ]
- Duct - new  
[ intercooler to throttle body servo ]
- Duct - new  
[ turbo inlet to air filter ]
- Vacuum pump cooling shroud - Baron  
[ for dry vacuum pump ]  
[ re-use - clean, inspect and repair ]
- Oil cooler - NE
- Air/oil separator - exchange  
[ if on core - clean, inspect and repair ]
- Precision balance - exchange  
[ crankshaft and rod sets ]
- Core Return Policy - See:  
RAM OHE CMI TSIO-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 ]
- Engine shock mounts - one set of four - new
- Engine 3-in1 gauge - check calibration  
[ for engine being installed ]
- Exhaust clamps - elbow to collector - new
- Gaskets - collector to turbo - new
- Primary fuel, oil and induction hose kits - heavy duty - *Teflon*<sup>TM</sup> - new

## 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. Steel engine mounts are cleaned, inspected repaired and painted. Engine bed is cleaned and inspected. 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: \$53,938** exchange basis

- **RAM OHE CMI TSIO-520-WB, or -LB engine**
- **Installation Parts - Included**
- **Installation and Set-up**
- **Reuse Customer's propeller and governor**  
[ Propeller and governor must be airworthy. ]

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