

#### Custom Installations

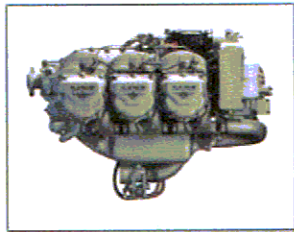
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## Platinum Series Engines

With the Platinum Series engine, you get the expertise and confidence that comes with having your engine installed, tested and pampered in its own designated bay by TCM factory technicians. And it all happens at our TCM Customer Support Center, located across Mobile Bay in beautiful Fairhope, Alabama. Our factory FBO is staffed with licensed A&P and IA TCM factory technicians specializing in Platinum Series engine installations, factory customer support, powerplant and airframe maintenance and repair services.



## Engine Customizing



If custom blueprinting is what you've come to expect, TCM's Platinum Series engine is in a class of its own. In fact, many of the more acclaimed customizing features, such as cylinder flow porting and component balancing, are actually performed to much higher standards by the factory. For example, we blend every port before assembling the cylinder head and barrel. Overhaul and engine specialty shops, which operate on completely assembled cylinder heads and barrels, can only blend those portions of the flow ports which are accessible. In addition, our component balancing is performed by utilizing the latest electronic balancing equipment to standards which typical field equipment may not be capable of measuring. In fact, each TCM crankshaft is balanced using advanced electronic balancing technology generally reserved for turbine engines. Simply put, factory cylinder flow porting and component balancing are much more highly specialized processes in the Platinum Series engine. Furthermore, our Platinum Series engine utilizes unique components available only from the factory, including a splined camshaft drive and a revised valve train.

## Precision Manufactured Components

Look closely and you'll see the relentless commitment to perfection in every component that makes up our Platinum Series engine. It's the same commitment to perfection that can be seen in all TCM engines and spare parts. And unlike other custom engine options, no overhauled components are used. Every part and accessory that goes into our Platinum Series engine is brand-new. In all, we've invested over nine million dollars in advanced manufacturing equipment and systems, ensuring you that the highest quality standards are not only met, but surpassed.