

212 Rotor System

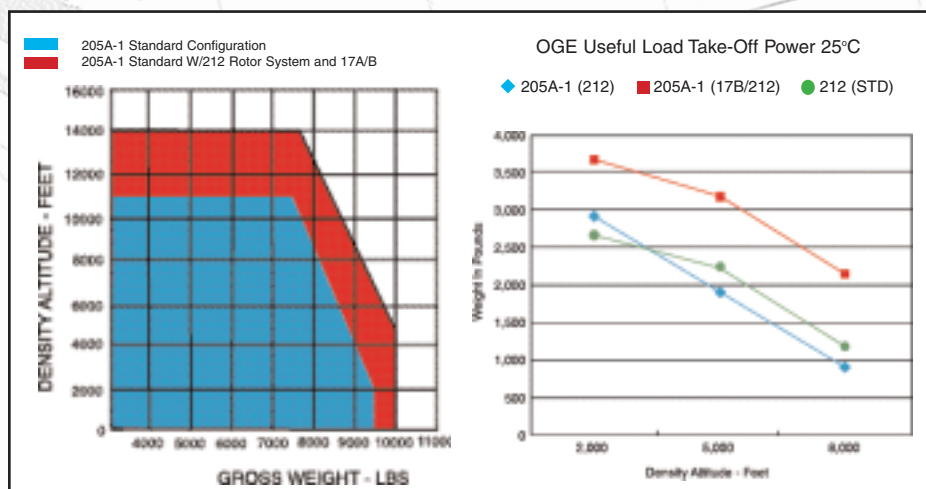
212 Rotor System with T53-17A/B engine

Heli-Conversions developed the STC for the 212 Rotor System and the -17 Engine in the early 1990's. The goal was to improve the IGE and OGE performance and increase the useful load of the 205. Without a doubt, the 212 Rotor System Upgrade with the T53-17A/B Engine is one of the premier upgrades available for the 205. An operator can substantially increase both the internal and external lifting capacity over the standard 205 while decreasing direct operation costs (DOCs) with this upgrade.

In addition to beefier panels, improved rotor hardware and instrumentation, the installation of the 212 Main Rotor System replaces the standard 205 blade, that has a meager 2500 hour retirement life, with a 4000 hour 212 main rotor blade. By increasing the retirement life on the blade, you can effectively reduce your DOCs by 25%.

The benefits of the -17 engine have been heralded by 205 operators around the world. The cost of this upgrade is steep, however the cost savings are tremendous. By upgrading your -13B to the -17B and converting to PM Astroloy, you now have an engine that has an additional 1500 hour TBO. Conservative estimates show that this upgrade can reduce your DOCs by as much as \$62/hr. over a normal overhaul cycle. The TBO increase is certainly worth the investment, but couple that with the increase in shaft horsepower, it is hard to argue the value added by this STC.

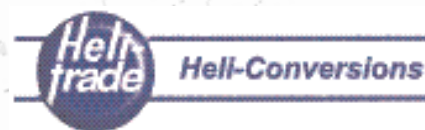
Combine the -17 and the 212 Rotor System and you have one of the leading upgrades for the Bell 205. A simple comparison of the Take-Off and Landing charts below clearly illustrates the improved lifting capacity of a 205 equipped with these upgrades.



Heli-Conversions specializes in the R&D, production, FAA certification, worldwide marketing, and support of "aftermarket" improvements for the Bell 205/UH-1 series helicopter. All improvements are based on more than 25 years of operational experience, ensuring increased profitability and enhanced safety.

STCs

SH4305NM	Centrise® Particle Separator
SH89-22	
SH2394NM	-17A or -17B Engine
SH89-21	
SH5132NM	212 Rotor Blades
SH91-38	
SH5976NM	-17A or -17B Engine/212 Rotor Blades
SH95-12	
SH5977NM	-17A or -17B Engine/212-9 Pax
SH95-13	
SH5797NM	T53-HC Engine Wash Kit
SH94-6	
SH5122NM	EGT/MGT Indicator (Cycle Counter)
SH91-37	
SH2692NM	Dual Electric Boost Pump
SH90-29	
SH4775NM	Manual Start Fuel Switch
SH90-15	
SH2691NM	Vertical Reference Door
Pending	Left Hand Pilot In Command
Pending	Fuel Recovery System



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