

182958715 - Allison T56 Engines -21 Units- Used for L100/C130 Aircraft Model

The T56 engine was configured in various engine types (ie., -9,-7, -I 0, -II, -15 etc ..) but the most important thing to remember is that all the engines

fall into either Series I, Series II, and Series III and the parts are interchangeable within the applicable Series. Another thing to remember is that the

compressor is the same for all Series depending upon the type of case.

The engine is a modular engine in that the compressor from one engine can be removed and reinstalled on another engine, for example. The same

applies for the turbine module, providing that it is installed on the same Series engine.

Turbines fail at twice the rate as a compressor. Therefore, the high consumption item for the engine is the turbine and its related components.

98-0001: This is a -I 0 engine (Series II). Both the compressor and the turbine are in excellent shape having only 158 hours since overhaul. This engine should be broken down into its components. The compressor and turbine modules could be used as replacements on C130B or C130E aircraft.

98-0002:

98-0003: This is a - 10 engine (Series II). Both the compressor and turbine should be overhauled. Break down into modules.

98-0004: This is a -10 engine (Series II). The compressor has 4235 hours and should be overhauled. The turbine needs to be inspected and may require only minor maintenance since it has only 508 hours (or it may require overhaul depending upon condition). Break down into modules.

98-0007: This is a -I 0 engine (Series II). Complete overhaul required. Break down into modules.

98-0008: This is a - 10 engine (Series II). Complete overhaul required. Break down into modules

98-0009: This is a -I 0 engine (Series II). This engine is serviceable. Again, the engine should be disassembled into its individual components and used as replacement parts, ie., compressor, turbine, combustion section, accessories, etc ...

98-0013: This is a - II engine (Series I). Must be broken down into modules and used in this manner. Inspected and in good condition. Use components on C130A (T56-9 engine).

98-0015: This is a -9 gearbox only (Series I) and needs to be inspected for serviceability.

98-0016: This is a - 9 QEC (Series I). This is the nacelle containing the gearbox, torquemeter, and engine for quick engine change. All components have relative low time. The engine should be removed from the QEC and inspected for serviceability.

98-0017: This is a - 9 QEC (Series J). This unit was functionally tested at National Airmotive Corporation but we have no records. The engine should be removed and inspected and half-life records established.

98-0018: This is a -11 QEC (Series II Gearbox with a Series I engine). The components should be removed and broken into modules for use on C 130A models.

98-0019: This is a - II QEC (same as above). Same as 98-0018.

98-0020

98-0021: This is a -9 QEC (Series 1). This is a nacelle containing the gearbox, torquemeter, and engine for quick engine change. The components should be removed and inspected and repaired/overhauled as required.

98-0023: This is a - 9 engine (Series I). Needs to be inspected for repair/overhaul.

98-0024: This is a - II engine (Series II gearbox with Series I engine). Needs complete overhaul. Will need to be broken down into modules and used in that manner on similar - 9 engines (C130A models).

98-0029: This is a - 9 QEC (Series I). This is a nacelle containing the gearbox, torquemeter, and engine for quick engine change. The components should be removed and inspected and repaired/overhauled as required.

98-0030: This is a - II (Series II) gearbox which needs to be inspected/repaired and used with a - 7 engine.

98-0035: This is a - 9 (Series I) Nacelle only. It does not contain a gearbox, torquemeter, or engine. We removed the components. Inspection of the nacelle is required.

98-0039: Model).

This is a -10 (Series I) Compressor Module. It has been inspected and repaired and is serviceable for installation on a - 9 engine (C130A