

# TRUEngine LLP

TRUEngine\* LLP offers the industry an efficient method of evaluating the operating history of used life-limited parts (LLP). This extension of GE's well-established TRUEngine program is designed to help operators support the value of their assets and assure optimized OEM technical support.

## How it Works

To earn the TRUEngine LLP designation, LLP are subjected to a rigorous back-to-birth records audit and engineering review to evaluate their configuration and maintenance history relative to airworthiness limitations substantiated by GE and documented in the engine manual. LLP will be qualified at the part level and at a specific time-since-new and cycles-since-new interval.

## Why are LLP so Important?

LLP are the most critical engine parts and include rotating components such as disks, spools and shafts. Life limits are established using a rigorous methodology that is applied to both individual parts as well as the engine system. Systems-level analysis is critical because some non-life-limited "influencing parts" like turbine blades and seals can significantly impact durability of LLP.

TRUEngine LLP will be rolled out in stages and ultimately will cover the CFM56, CF34, CF6, GE90, and GENx engine families. TRUEngine LLP documentation will accompany future LLP sold through GE Aviation's materials business, the largest source of used serviceable material for GE Aviation engines.

For more information, visit [geaviation.com/truengine](http://geaviation.com/truengine) or email us at [truengine@ge.com](mailto:truengine@ge.com).



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