Pelico

SUPPLY CHAIN ORCHESTRATION
AFTERMARKET

Engine and Complex MRO

Protect every shop visit's turnaround — even when teardown rewrites the scope

Pelico links every finding, missing part and outsourced repair to the module and engine date it moves, so engine owners, kitting and supply work from one ranked list.

Most engine shops rebuild shop-visit status by hand every day. Here's what orchestration changes.

	How it's done today	With Pelico
Gate 2 kit check	Hours per engine, by hand	**Minutes, before the engine is on the stand**
Daily engine meeting	Prepared across seven tools	**Run from one view**
Shortage and repair ranking	By due date, or whoever escalates	**By turnaround impact per engine**
Outsourced repairs	No promise date, chased by email	**Every return tracked against reassembly**

PERFORMANCE DATA · RESULTS FROM PELICO DEPLOYMENTS — KPI-01 → 04

TURNAROUND TIME	ENGINE THROUGHPUT	PRODUCTIVITY	GO LIVE
−42%	+84%	+30%	12 wks

What engine shops do with Pelico

[01] FIND KIT GAPS BEFORE GATE 2

Check kit completeness per engine and module, across new, used and repaired parts. Each missing part shows the module and engine date it moves, so kitting works the ones that hit turnaround first.

[02] FIND A WAY AROUND THE MISSING PART

Compare alternates, rotables, used parts and stock at other sites, pick the option that recovers the date, and send the ticket to the buyer or site that holds the part.

[03] CHASE REPAIRS BEFORE THEY HOLD UP REASSEMBLY

Track every outsourced repair and offload work package against its milestones, and chase the vendor whose return threatens reassembly before the gate, not after.

[04] RUN THE DAILY ENGINE MEETING ON EXCEPTIONS

Every blocker on a shop visit sits on one ticket per engine, with an owner: parts, repair, engineering or quality. Escalate from the shop to the network when it needs to.

TRUSTED BY SAFRAN BOEING EATON AIRFRANCE INDUSTRIES KLM Engineering & Maintenance

Pelico is the orchestration platform for complex aftermarket operations and discrete manufacturers running multi-level BOMs and multi-tier supply chains.

Every shop visit, traced to the late part, on one screen

SHOP VISIT BOOK · OPEN ENGINES — 1 LATE · 1 AT RISK

#	Shop visit / dependency	Promised		Forecast	Status		Next action
1	SV_7665 · LEAP-1A shop visit	12 Dec	A	**18 Dec**	LATE		Recover 6 days
	└ Fan module	02 Dec	B	08 Dec	+6 D		—
	└ Fan frame	25 Nov		01 Dec	+6 D		—
	└ SO_41120 service order	20 Nov		26 Nov	+6 D		—
	└ PO_88231 purchase order	10 Nov		**23 Nov**	+13 D	C	**Chase supplier**
2	SV_7671 · CFM56-7B shop visit	19 Dec		19 Dec	AT RISK		Expedite repair
3	SV_7680 · V2500 shop visit	06 Jan		02 Jan	ON TRACK		—

A **Which engines are at risk.** Each shop visit's promised redelivery date beside its real one.

B **What holds it.** The chain from engine to part, each step dated: fan module, fan frame, service order.

C **What to do first.** Chase the root of the delay: here, a PO four levels down, 13 days late.

Who it's for and what they get

Shop GMs and MRO VPs	Know which engines are stopped, and why, in under a minute
Engine owners	See turnaround against target per engine, with every delay explained
Kitting managers	Know kit readiness before the mechanic walks up
Buyers	Get shortages and vendor returns ranked by turnaround impact

> **It used to take me two hours to figure out what's missing for one engine. Now it takes two seconds.**
>
> KITTING MANAGER, ENGINE MRO

Why leading MRO providers choose Pelico

RUNS ON TOP OF EXISTING SYSTEMS

Reads live data from your ERP, MES and offload shop files to map every shop visit to the parts and repairs behind it.

ONE TICKET, EVERY DESK

Engine owners, kitting, supply and engineering share one ticket per engine, from the shop to the network.

AI DOES THE LEGWORK

Pelico's AI agents predict finish dates, model turnaround before the scope is final, and rank supplier follow-ups.

How to get started

01 Executive alignment on goals for the shop

02 On-site scoping on your gates, ERP data and repair loop, with IT

03 Pilot on one engine line, baseline set at week 0, value review at week 12

Talk to an engine MRO expert

PELICO.AI/CONTACT · CONTACT@PELICO.AI

WATCH A DEMO