GLOBAL TECH UPLIFT
Linking Intelligence

DELIVERABLE SNAPSHOT · AVIATION

AI strategy, governance and pilot readiness

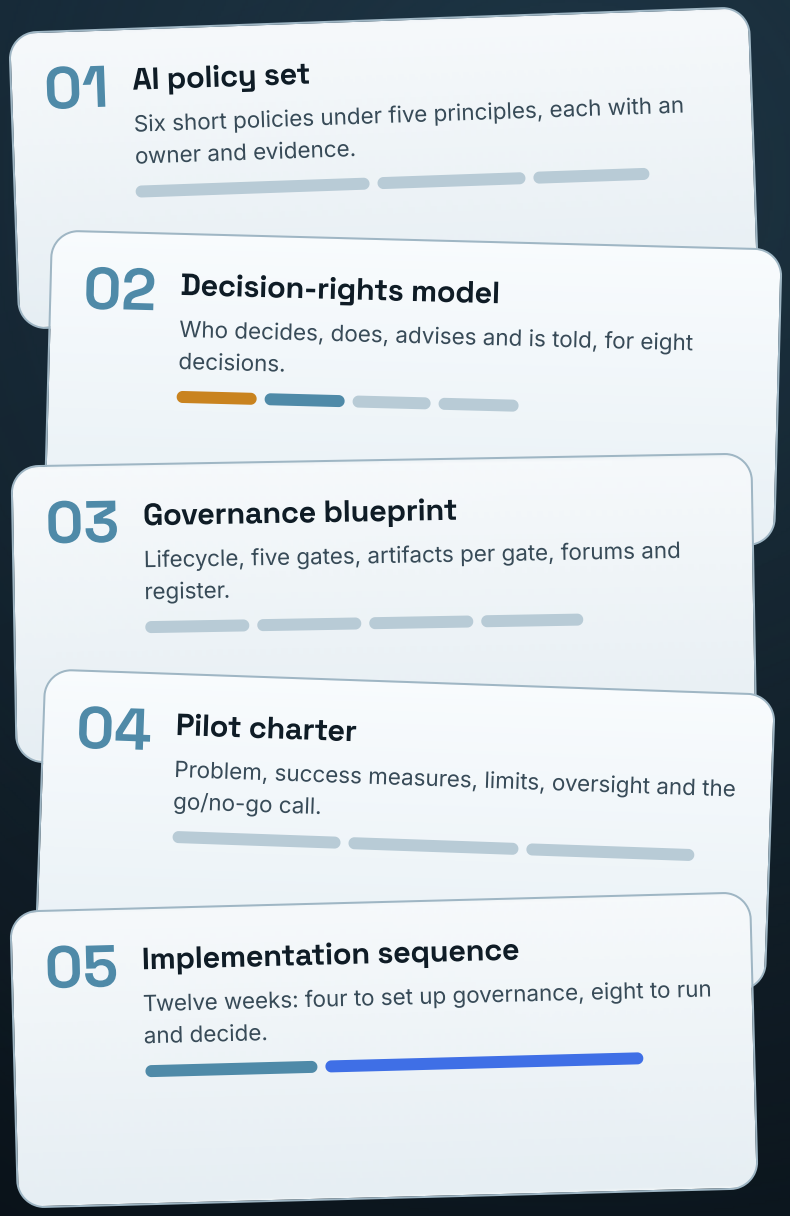
Build the workflow, not just the model.

Aviation edition

Safety management system · Predictive maintenance · Technician notes · Construction phasing · Gate operations · Vendor baselines

What a GTU engagement of two to four weeks leaves behind: the policies, decision rights, operating blueprint, pilot charter and sequence an organization needs to start AI pilots with clear controls, then decide on evidence.

01 AI policy set
02 Decision-rights model
03 Governance blueprint
04 Pilot charter
05 Implementation sequence
+ Templates you keep



Illustrative sample prepared for Eastport Regional Airlines, a fictional hub carrier. Names, figures and dates show the format and depth of the deliverables, not a client's results.

THE ENGAGEMENT

At a glance

A short, principal-led engagement that turns scattered AI activity into a governed pipeline, and ends with an approved first pilot.

WHY ORGANIZATIONS ASK FOR IT

- AI arrives through vendors: predictive maintenance, gate optimizers, chat assistants.
- Nobody clearly owns the go or no-go decision for an AI use case.
- Pilots start from a demo, without agreed measures of success.

WHAT CHANGES IN TWO TO FOUR WEEKS

- Every known AI use has an owner, a risk tier and a place in the register.
- Leadership approves pilots against written criteria, at a regular forum.
- The first pilot starts with a charter and a decision date.

WHO TAKES PART

Executive sponsor · AI governance board · Business owners · Data owners · Model owners · Risk and compliance · Security · Director of safety · Maintenance control

HOW THE WEEKS RUN

WEEK 1
Discover
Interviews, AI-use inventory, data map

WEEK 2
Design
Principles, policies, decision rights, risk tiers

WEEK 3
Stand up
Board charter, intake form, register, templates

WEEK 4
Charter and decide
First pilot chartered and approved

WEEKS 5 TO 12 · OPTIONAL SUPPORT
Run the pilot and decide on evidence
Configure, test, go live in stages, evaluate against the charter, make the go/no-go call

2 to 4 weeks	8 to 12	3 workshops	1 board session	About 6 hours
Engagement length	Stakeholder interviews	Policies, decision rights, pilot design	Approves the governance model and first pilot	Time asked of each stakeholder

WHAT YOU RECEIVE

AI policy set
Principles plus six one-page policies with owners and evidence.
Page 3

Decision-rights model
RACI for eight decisions and escalation by risk tier.
Page 4

Governance blueprint
Lifecycle, gates, artifacts, forums and model register.
Page 5

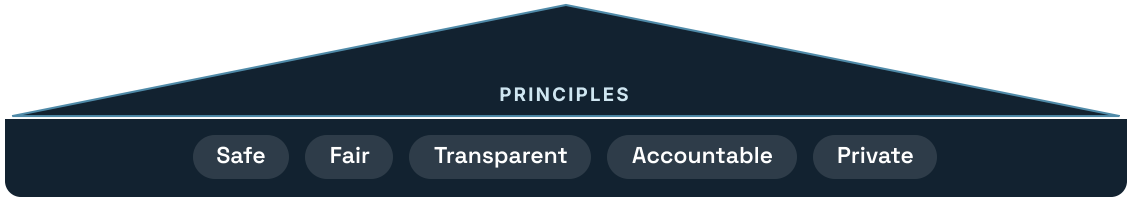
Pilot charter
One page a pilot cannot start without.
Page 6

Implementation sequence
The 12-week order of work and its milestones.
Page 7

DELIVERABLE 01

01 AI policy set

Six short policies under one set of principles. Each names an owner, a review date and the evidence that shows it is followed, so the policy works in practice and not only on paper.



Adopted

Acceptable use of AI

Which AI tools staff may use, for what, and with which data.

Owner: CIO

Adopted

Data use and privacy

Minimum data; maintenance and operations data stay in approved systems; no passenger data in public AI tools.

Owner: Privacy officer

Draft

Model risk and validation

Risk tiers, validation before go-live, bias and safety testing.

Owner: Chief data officer

Adopted

Human oversight

A named person reviews AI output before it affects an aircraft, a gate or a passenger.

Owner: VP Maintenance

Draft

Third-party and vendor AI

Due diligence, contract terms and monitoring for bought AI.

Owner: Procurement and CISO

Planned

AI incident response

How to report, pause, investigate and learn from AI failures.

Owner: CISO

Foundation: standards, procedures and controls — Model register · templates · audit evidence · training records

ONE-PAGE POLICY, EXAMPLE

Human oversight policy

PURPOSE	Keep people accountable for decisions that AI informs.
APPLIES TO	Any AI that informs maintenance, operations decisions or messages to passengers.
RULES	• A named reviewer checks AI output before it changes an inspection, a gate or a passenger message. • Staff can override any AI output; overrides are logged. • Tier 3 uses need two-person review during the pilot. • Oversight is tested before go-live, not after.
OWNER	VP Maintenance and Engineering; reviewed every six months.
EVIDENCE	Reviewer roster, override log, quarterly audit sample of 50 cases.
STATUS	ADOPTED by the AI governance board, week 3.

DELIVERABLE 02

02 Decision-rights model

Who decides, who does the work, who is consulted and who is told, for the eight decisions that most often stall AI programs. Each decision has exactly one accountable role.

A Accountable: makes the call R Responsible: does the work C Consulted before I Informed after

Decision	Executive sponsor	Governance board	Business owner	Data owner	Model owner	Risk and compliance	Security	Director of safety
Accept a use case into the pipeline (gate G0)	I	A	R	C	C	C	I	C
Assign the risk tier tier 1, 2 or 3	I	A	C	C	C	R	C	C
Approve access to data scope, de-identification	I	I	C	A	R	C	C	I
Start a pilot charter approved (gate G1)	C	A	R	I	C	C	C	C
Approve go-live gate G3	C	A	R	I	R	C	C	C
Pause or roll back any time, any tier	I	I	C	I	R	C	C	A
Buy an AI product vendor or embedded AI	I	A	R	C	C	C	R	C
Tell crews and passengers what AI does and does not do	A	C	R	I	C	C	I	C

ESCALATION BY RISK TIER

Tier 1 · Low — Decision in 5 days

Internal productivity, no personal data, easy to undo.

Approved by: business owner, logged in the register

Tier 2 · Moderate — Decision in 15 days

Staff-facing, uses personal data, a person reviews every output.

Approved by: AI governance board

Tier 3 · High — Decision in 30 days

Affects airworthiness, safety or passengers' rights.

Approved by: board and executive sponsor, with independent validation

The director of safety can pause any AI use at any tier; the pause is reviewed by the board within 48 hours.

DELIVERABLE 03

03 Governance blueprint

How a use case moves from idea to retirement: the stages, the five gates and what each gate needs, plus the forums and register that keep it running.

Intake — Use-case brief
Triage — Risk tier set
Design — Data and workflow
Validate — Test and pilot
Deploy — Go live in stages
Monitor — Drift, safety, value
Review — Continue or retire

G0 · Accept

After intake

- Use-case brief and named owner
- Expected value and users
- Entry in the model register

G1 · Design review

Before build

- Risk tier and impact assessment
- Data sheet and access approval
- Pilot charter

G2 · Validation

Before users

- Accuracy, bias and safety tests
- Oversight plan tested
- Security review

G3 · Go-live

Before scale

- Model card and monitoring plan
- Training completed
- Rollback plan rehearsed

G4 · Periodic review

Every 6 to 12 months

- Monitoring report and incidents
- Value against the charter
- Continue, change or retire

FORUMS

AI governance board · monthly · chaired by the executive sponsor. Approves tier 2 and 3 uses, owns the policies, reviews the register.

AI working group · weekly · triage, templates, register upkeep, support to owners.

Incident path · report within 24 hours; the director of safety can pause; board review within 48 hours.

MODEL REGISTER (EXCERPT)

USE CASE	TIER	STAGE	OWNER	NEXT REVIEW
Jet-bridge inspection ranking	2	Validate (pilot)	Maintenance control	Jan 2027
Gate phasing simulator	2	Design	Airport operations	Dec 2026
Vendor engine-health alerts	3	Monitor	Engineering	Nov 2026
Meeting notes summarizer	1	Deploy	IT	Mar 2027

BOARD DASHBOARD

100% Known AI uses in the register

12 days Median intake to decision

0 Open incidents

1 Use past its review date

DELIVERABLE 04

04 Pilot charter

One page a pilot cannot start without: the problem, how success is measured, the limits, who oversees it and the decision at the end.

Pilot: jet-bridge inspection ranking Tier 2 Sponsor: VP Airport Operations Owner: Ground equipment maintenance manager Weeks 5 to 12

Approved at gate G1, week 4

1 Problem and users

During terminal construction, bridge failures cluster near the work zone; each surprise failure takes a gate out for hours.

Users: A crew of three inspectors and maintenance control.

2 Workflow, today and in the pilot

TODAY Vendor alarm → Fixed schedule → Inspect → Repair

PILOT Sensors, notes, construction calendar → Rank top three bridges daily, explain why → Maintenance control reviews → Inspect

No bridge is taken out of service on the AI's word.

3 Success measures

Failures caught 1 to 3 days ahead	66%	**≥ 75%**
Unplanned gate outage hours a month	9	**≤ 7**
Inspections finding a developing fault	4%	**≥ 6%**
Daily lists accepted by maintenance control	new	**≥ 80%**
Required safety inspections skipped	0	**0, hard stop**

4 Scope

- **In:** 36 contact-gate bridges, Concourses B and C.
- **Out:** aircraft maintenance, airworthiness, gate assignment.

5 Data and access

- Two years of bridge controller data, work orders and technician notes.
- Construction calendar joined to assets and work zones.
- Runs in the approved platform; access reviewed at G2.

6 Risks and mitigations

- Sudden faults after power tie-ins: construction calendar in the model.
- Over-reliance: the vendor rule keeps running side by side.
- Names in notes: redacted before ranking.

7 Human oversight

- Maintenance control approves every daily list.
- The director of safety reviews outcomes weekly.
- Pause authority: director of safety.

8 Go / no-go at week 12

- **Go** if ≥ 75% of failures are caught 1 to 3 days ahead with the same crew, outages ≤ 7 hours a month and crew rating ≥ 4 of 5.
- **Stop** if any required safety inspection is skipped, or the ranking does no better than the vendor rule.

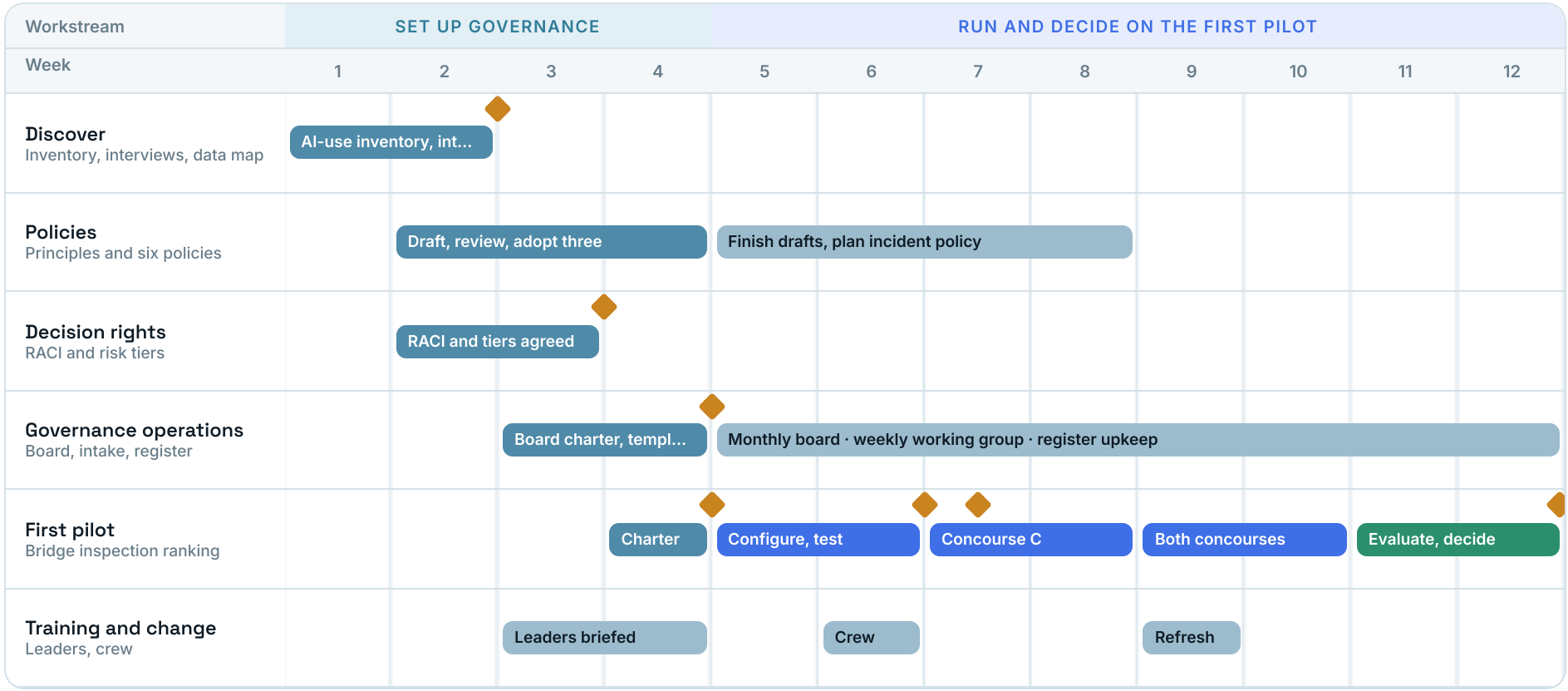
9 Team and timeline

- Weeks 5 to 6: configure and backtest (G2).
- Weeks 7 to 8: Concourse C (G3).
- Weeks 9 to 10: both concourses.
- Weeks 11 to 12: evaluate and decide (G4).

DELIVERABLE 05

05 Implementation sequence

The order of work over twelve weeks: four weeks to set governance up, eight weeks to run the first pilot and decide on evidence. Amber diamonds are decision points.



Decision points: inventory complete (wk 2), decision rights approved (wk 3), board launched and charter approved, G1 (wk 4), validation G2 (wk 6), go-live G3 (wk 7), go/no-go G4 (wk 12)

Every known AI use in one register

With an owner, a risk tier and a review date.

A first pilot decided on evidence

Against the measures written into its charter at week 4.

The next two pilots chartered

Queued through the same gates, with owners and decision dates.

WHAT YOU KEEP

Files, templates and next steps

Everything is yours to edit and reuse. Templates come pre-filled from the engagement, so the next use case goes faster.

AI policy set
Principles and six policies, one page each, with owners and evidence.

Document

Decision-rights matrix
RACI for eight decisions, risk-tier escalation rules.

Spreadsheet

Governance blueprint
Lifecycle and gates, forum charters, model register.

Slides and sheet

Templates
Intake form, risk-tier worksheet, impact assessment, model card, monitoring plan.

Documents

Pilot charter
One-page charter plus a measures sheet with baselines.

Document and sheet

Implementation plan
The 12-week sequence with milestones and owners.

Plan

Principal-led
Dr. Gaurav Tuli leads the work directly, from interviews to the board session.

Governance first
Risk controls and decision rights are agreed before anything scales.

Built with your people
Policies and gates are written with the teams who will run them.

Measured
Every pilot carries its own measures and a decision date.

Start with a free 30-minute discovery call

Build the workflow, not just the model.

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This snapshot is an illustrative sample. The organization, people, figures and dates are fictional and show the format of GTU deliverables. Real deliverables are built with your teams and your data. Nothing here is legal advice.