

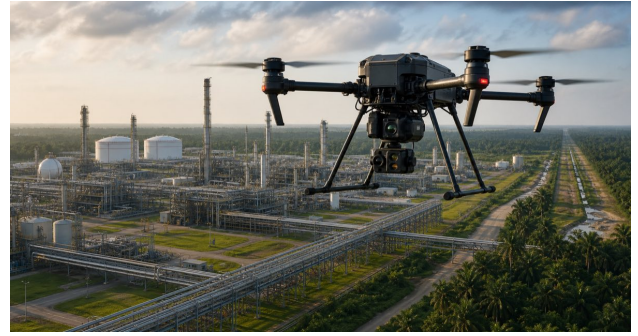
ILLUSTRATIVE SAMPLE

Industrial drone inspection report

A concise example of the evidence, findings and actions UAV Imperial can structure for an industrial asset inspection.

DEMONSTRATION REFERENCE

UI-DEMO-001



Purpose: This document demonstrates report structure only. Locations, findings and classifications are fictional and must not be used for maintenance or safety decisions.

Clear aerial evidence for confident asset decisions.

UAV Imperial combines controlled RPAS operations, fit-for-purpose sensors and structured reporting. A live engagement is tailored to the client asset, access constraints, inspection objective and required engineering review.

EXECUTIVE REVIEW

What management receives

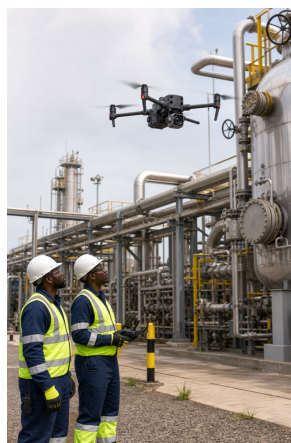
COVERAGE Defined asset list Every image and observation linked to the agreed scope.	TRACEABILITY Location + evidence Findings referenced to asset, viewpoint and file.	ACTIONABILITY Prioritised register Observations organised for engineering follow-up.
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Illustrative assignment

Objective: demonstrate a planned external visual inspection of accessible industrial assets using high-resolution RGB imagery.

Scope: selected tank-shell areas, external pipework, supporting steelwork and accessible elevated components.

Exclusions: internal inspection, thickness testing, engineering certification and intrusive testing.



Inspection method

01	Plan	Confirm asset list, site controls, airspace, access and inspection objectives.
02	Capture	Acquire systematic overview and close visual imagery within approved operating limits.
03	Review	Check image quality, organise evidence and record visible observations.
04	Report	Issue an observation register, annotated imagery and recommended follow-up.

ILLUSTRATIVE FINDINGS

Observation register

The examples below show how visible conditions can be structured for client review. They are fictional and do not diagnose integrity, remaining life or fitness for service.

ID	Asset / location	Visible observation	Priority	Recommended client action
OBS-001	Tank T-01 / upper shell	Localised coating discolouration visible in the selected image set.	Medium	Review original imagery; assign qualified coating or integrity personnel to assess the condition and required follow-up.
OBS-002	Pipe rack PR-02 / elevated support	Unidentified loose-looking material visible near an accessible support area.	High	Restrict exposure where appropriate and arrange site verification by authorised personnel before maintenance planning.

Evidence standard

1	Locate Asset identifier and inspection area.	2	Show Original and annotated visual evidence.
3	Classify Observation and agreed priority basis.	4	Act Clear owner and recommended follow-up.

Important: A UAV visual inspection supports access, documentation and prioritisation. It does not replace engineering judgement, statutory inspection, non-destructive testing or site verification where those controls are required.

DELIVERABLE PACKAGE

A controlled handover

- 01 Pre-mission inspection plan**
Agreed scope, asset list, site requirements and evidence plan.
- 02 High-resolution imagery**
Organised original files suitable for authorised client review.
- 03 Annotated evidence set**
Selected imagery marked to help locate each recorded observation.
- 04 Observation register**
Asset, location, evidence reference, priority and recommended action.
- 05 Management summary**
Concise overview of scope, limitations, observations and next steps.

PLAN AN INSPECTION

service@uavimperial.com
0712 000 9896
uavimperial.com

**Tell us the asset,
location and
decision you need
to support.**

KM22 Lekki-Epe Expressway
Sangotedo, Lagos State, Nigeria