

GOVERNMENT SERVICE REQUIREMENTS

Register a Drone & Pay Permit

Register your drone and pay the required permit fee through DubaiNow. Submit drone specifications and supporting documents, complete payment, and receive a digital permit or payment receipt.

VERSION 01

6 REQUIREMENTS

6 FLOW STEPS

SERVICE OWNERSHIP AND PLATFORM FIT

General Civil Aviation Authority (GCAA)

Likely national aviation regulator and permit issuer

DubaiNow reuse: dubainow-shell (authenticated experience, navigation, profile context, accessibility) · uae-pass (verified identity claims and authentication)

Do not recollect: Verified identity claims available from UAE PASS (e.g., verified name, national ID) — do not ask the user to re-enter these · Authenticated session credentials

Business requirements

REQ-001 Authenticate and reuse verified identity

P0 / REVIEWED

Service must run inside the authenticated DubaiNow shell and reuse UAE PASS verified identity claims for the applicant without asking for duplicate verified identifiers.

1. When the user opens the service, name and available UAE PASS claims are pre-filled from UAE PASS in the DubaiNow shell.
2. If required UAE PASS claims are unavailable the user is offered consent to retrieve them via UAE PASS or the application is flagged for manual verification; the

REQ-002 Collect drone details and supporting documents

P0 / REVIEWED

Users must be able to submit drone specifications and upload required supporting documents from within the DubaiNow shell.

1. The form enforces mandatory fields including make, model, serial number and weight/class before submission.
2. Uploads accept common file types (image/PDF) and attach to the application record.

REQ-003 Automated validation and manual-review routing

P0 / REVIEWED

The system validates required fields and documents and either accepts the submission or marks it for manual review with a clear reason.

1. Client-side and server-side checks prevent submission when mandatory fields or required documents are missing or malformed.
2. If automated checks fail (document verification or conflicting data), the application status becomes 'requires manual review' and displays the failure reason.

REQ-004 Collect permit fee within DubaiNow**P0 / REVIEWED**

Permit fee payment must be completed within DubaiNow using an integrated payment channel before finalizing the application.

1. Successful payment produces a transaction reference and receipt recorded against the application before it is submitted to the authority.
2. On payment failure the user is shown a clear error and presented with retry and alternative accepted payment options.

REQ-005 Submit application to aviation authority and surface status**P0 / REVIEWED**

The service must submit the application and payment proof to the responsible aviation authority API and present authoritative status updates in DubaiNow.

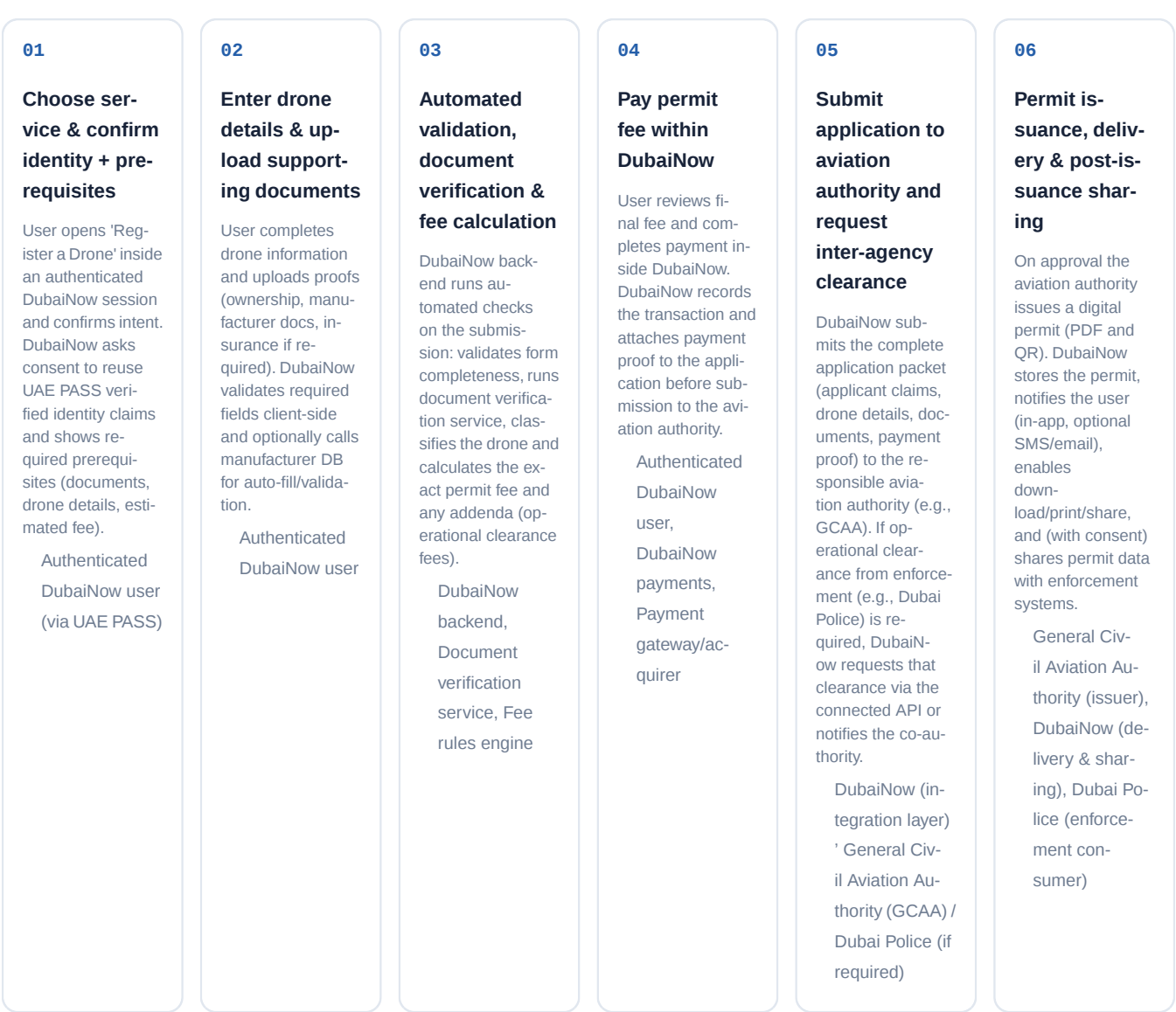
1. After submission the application shows synchronized statuses (submitted, under review, approved, rejected) from the authority API in the DubaiNow dashboard.
2. If the issuing authority or API integration is unconfirmed or unavailable, the system creates a confirmation/integration task and shows a 'pending integration'.

REQ-006 Permit delivery, notifications and constrained data sharing**P0 / REVIEWED**

On approval the system must provide a downloadable digital permit/receipt (PDF/QR), send in app notification and optional SMS/email, and share applicant data only with required authorities with recorded consent.

1. Approved permits are available to download in the user dashboard and trigger an in app notification plus user opted SMS/email receipt.
2. All data shared with external authorities is limited to required fields, sent to configured authority endpoints, and the user's consent and sharing audit are 0]

User flow



Traceability matrix

Requirement	01	02	03	04	05	06
REQ-001 Authenticate and reuse verified identity	X	-	-	-	X	-
REQ-002 Collect drone details and supporting documents	-	X	X	-	X	-
REQ-003 Automated validation and manual-review routing	-	X	X	-	-	-
REQ-004 Collect permit fee within DubaiNow	X	-	X	X	-	-
REQ-005 Submit application to aviation authority and surface status	-	-	-	-	X	X
REQ-006 Permit delivery, notifications and constrained data sharing	X	-	-	-	X	X

Research evidence

RECREATIONAL UNMANNED AIRCRAFT OPERATIONS

Dubai drone registration and permit requirements

- **UAE Pass:** Create/sign in to the official **UAE Drones** platform using UAE PASS. Recreational pilots may self-register; commercial pilots are created by their organisation manager. ([drones.gov.ae](https://drones.gov.ae/?utm_source=openai))

- **Pilot requirements:** Recreational pilots must be **18+** and UAE residents; a GCAA-accredited training certificate is required. ([gcaa.gov.ae](https://www.gcaa.gov.ae/en/epublication/EPublications/Civil%20Aviation%20Regulations%20%28CARs%29/EMERGING%20TECHNOLOGIES/UNMANNED%20AIR%20SYSTEMS%20%28https://betawebapi.dcaa.gov.ae/Uploads/pdfs/DocumentManagement/Shared/EN-DCAA-DCAD-2025-00007.pdf

gcaa.gov.ae

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GCAA

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GOVERNANCE STATUS

Signed and locked

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DubaiNow Mirror — GITEX wall
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