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## NEW APPLICATION FOR A LICENCE TO A OPERATE AN UNMANNED AIRCRAFT SYSTEM (UAS)

### 1. APPLICANT:

Name: \_\_\_\_\_

Postal address: \_\_\_\_\_

Physical address: \_\_\_\_\_

Tel: \_\_\_\_\_ Fax: \_\_\_\_\_

Email address: \_\_\_\_\_

### 2. CONTACT PERSON:

Name: \_\_\_\_\_

Designation: \_\_\_\_\_

Email address: \_\_\_\_\_

Tel: \_\_\_\_\_ Cell: \_\_\_\_\_ Fax: \_\_\_\_\_

### 3. GENERAL INSTRUCTIONS

- (a) The UAS operation license shall only be issued to person(s) or organisation(s) who by law are citizens of or registered in the Kingdom of Eswatini.
- (b) For purposes of this application form, Unmanned Aircraft System shall refer to a system constituted of a combination of part or all of the following subsystems; unmanned aircraft (UA) subsystem, unmanned aircraft control station (UACS) subsystem, air traffic control (ATC) communications subsystems, sense and avoid (S&A) subsystems and payload subsystems.
- (c) A dully completed application form must be completed and submitted to the Commission prior to any operation of Unmanned Aircraft Systems.
- (d) All UAS equipment must be type-approved by the Commission. Failure to acquired or provide proof of type-approval may render your application unacceptable.

- (e) Complete all questions in block letters, and where not applicable insert N/A. Further critical details of the UAS should be attached on a separate sheet of paper if space has not been provided in the form.
- (f) The completed application form should be returned with the relevant supporting documentation to the Eswatini Communications Commission.
- (g) Award of a UAS Operation License is subject to payment of an application fee to be determined by the Commission and other annual license fees that the Commission may prescribe.
- (h) Drone users and/or operators shall be required to provide proof of competence to operate a UAS. Relevant certificates and/or documentation may be attached.

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#### 4. UNMANNED AIRCRAFT CONTROL STATION DETAILS

**Site Details:**

Site Name: ..... Site Location: ..... Elevation (m): .....

Latitude (deg): ..... Longitude (deg): ..... Height A.G.L (m): .....

**Equipment Details:**

Make: ..... Model: .....

Type Approval Number: ..... Call Sign: .....

Equipment Serial Number: .....

Downlink Freq (MHz): ..... Uplink Freq (MHz): .....

Output Power (W): ..... Bandwidth (kHz): .....

No. of Channels: ..... Bandwidth: .....

Lower Freq (MHz): ..... Upper Freq (MHz): .....

Selectivity: ..... Emission Class: .....

**Antenna Details:**

Make: ..... Model: .....

Antenna Type: ..... Type Approval Number: .....

Antenna Gain (dB): ..... Antenna Polarization: .....

Antenna Directivity: ..... Beam width V: ..... Beam width H: .....

Frequency L: ..... Frequency U: .....

## 5. UNMANNED AIRCRAFT DETAILS

### Aircraft Details:

Category: Small  Medium  Large

Registration: .....

Weight: ..... Max Altitude: ..... Cruise speed: .....

Endurance: ..... hours

Max Range: Visual LoS < 3 km  RF LoS 150-250 km  Beyond RF LoS

Rx Frequency: ..... MHz Tx Frequency: ..... MHz

### Onboard Communication Equipment Details:

Make: ..... Model: .....

Type Approval Number: ..... Call Sign: .....

Lower Freq..... Upper Freq..... Output Power: .....

No. of Channels: ..... Bandwidth: ..... Chanel Separation: .....

Rx Sensitivity: ..... Selectivity: ..... Emission Class: .....

### Antenna Details:

Make: ..... Model: .....

Antenna Type: ..... Type Approval Number: .....

Antenna Gain: ..... Antenna Polarization: .....

Antenna Directivity: ..... Beam width V: ..... Beam width H: .....

Frequency L: ..... Frequency U: .....

## 6. UAS LINK REQUIREMENTS

Please choose appropriate representation of your links between a) or b).

**a) UACS ↔ UA link system:**

Uplink: UACS to UA Frequency: .....MHz

Downlink: UA to UACS Frequency: .....MHz

**ATC Communication (if applicable)**

Tx Frequency: ..... MHz

Rx Frequency: ..... MHz

**b) UACS ↔ SATELLITE ↔ UA link system:**

Forward path:

Uplink: UACS to Satellite Frequency: ..... MHz

Downlink: Satellite to UA Frequency: ..... MHz

Return path:

Uplink: UA to Satellite Frequency: ..... MHz

Downlink: Satellite to UACS Frequency: ..... MHz

**ATC Communication (if applicable)**

Tx Frequency: ..... MHz

Rx Frequency: ..... MHz

## 7. UAS APPLICATION/PURPOSE

Please briefly explain next to relevant category.

### a) Commercial use:

News gathering (Media): .....

Transportation (Cargo): .....

Monitoring (surveillance and inspection): .....

Communications support (airborne relays): .....

Agricultural services: .....

Recreational: .....

### b) Governmental use:

Scientific missions: .....

Security and public interest: .....

Humanitarian and distress support: .....

### c) Other use:

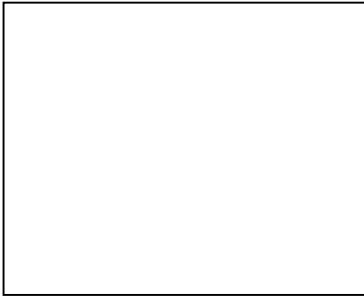
Please give full details of intended use: .....

.....

.....

**8. DECLARATION:** I / We declare that:

1. To the best of my/our knowledge the information given above in this application form is true and correct.
2. The Unmanned Aircraft System stated in this application form will be used only for the purpose(s) specified in this application form.



Applicant/organization/  
Agent's Stamp

SIGNATURE OF APPLICANT / AGENT: \_\_\_\_\_

NAME OF SIGNATORY: \_\_\_\_\_

DESIGNATION: \_\_\_\_\_

DATE: \_\_\_\_\_

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