



*...gain the insight!*

## Safety Policy

### 1. General

1.1. All activities obey safety first. The personnel safety is superior to all activities. The property safety follows the personnel safety (humans safety always comes first).

1.2. The involved party property protection has priority against company's property.

1.3. The pilot must always maintain full control of the carrier. Safe piloting is superior to data acquisition (taking pictures etc.).

1.4. Company is insured for damage, which may cause to other party.

1.5. The flight can be taken only in case when at least two persons are present (a pilot and an operator at the minimum).

### 2. Weather and Atmospheric conditions

- Wind up to 8 m/s
- Visibility 1 km
- No rain-fall, no snow-fall
- Temperature 5-35°C
- 5 min after sunrise and 15 min before sunset
- Maximal altitude 1400 m above see level.

### 3. Space for takeoff and landing, space requirements for flight

3.1. The minimal space for takeoff and for landing is 4 m x 4 m. Solid surface such as grass, concrete, asphalt,... is acceptable. The Heliport may be used in case where landing area has no solid surface (sand, marsh, field).

3.2. The minimal open space for flight and maneuvering is 25 m x 25 m x 10 m

3.3. The direct distance from a flying carrier

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- Minimum of 5 m from any object
- Minimum of 25 m from any person or any animal (excluding a pilot and an operator)
- Maximum of 300 m from the pilot in all situations

#### **4. Maximal flight parameters**

- Maximal carrier speed 10 m/s
- Maximal carrier climbing and falling 4 m/s
- Flight length is 20 minutes at the maximum.

#### **5. Flight over**

The flight over is not allowed over the following:

- humans
- animals
- electric wirings - flight under is restricted as well
- transport facilities (for any transport means)
- generally over objects and areas where it is not clear what might be inside - e.g. dense forest, gardens, etc.

#### **6. Protection against electromagnetic interference**

6.1. The radio check on channels 60-80 in 35MHz band must be executed before any flight. The pre flight radio check must take 20 minutes at the minimum. If electromagnetic noise or interference is detected, the flight cannot be executed.

6.2. All the channels (60-80) must be monitored during the flight. If any noise or interference is experienced, the carrier must immediately land.

6.3. All the communication equipment including mobile phones must be turned off (cannot stay in stand by mode) in 30m area surrounding the flight space.

6.4. The flight is prohibited in areas very close (30 m or closer) to any radio transmitters (such as radio or television broadcasting).

6.5. The transmitter range check must be performed before first flight. The minimum working distance must be at least twice the maximal flight distance.

#### **7. Staff qualification**

7.1. Pilot

- age of 21 at the minimum

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- High School education
- 2 years of experience in RC Heli flying
- acrobatics ability
- piloting 30 minutes a week at the minimum

#### 7.2. Technician or operator

- age of 21 at the minimum
- High School education