MEC.F1 To operate under Pilot supervision.

MEC.F2 To be safe at all times.

MEC.F3 To fly in the Air manually.

MEC.F4 To fly in the Air autonomously.

MEC.F5 To capture images of the Flight.

MEC.F6 To capture images of the Ground in flight.

MEC.F7 To start and terminate mission on a Launch Pad.

MEC.F8 To comply with the applicable Regulation.

MEC.F9 To operate at all Season’s.

MEC.F10 To survive direct Solar Flow for the duration of the Flight.

MEC.F11 To operate in a typical windy day.

MEC.F12 To survive moderate rain conditions happening during the Flight.

MEC.F13 To survive a Crash.

MEC.F14 To float on Water.

MEC.F15 To be hermetically sealed.

MEC.F16 To handle Dust and minor projections at Take-Off and Landing.

MEC.F17 To resist EMC Agressors.

MEC.F18 To detect Terrain Features.

MEC.F19 To provide Obstacle Avoidance capabilities.

MEC.F20 To detect Flying Objects.

MEC.F21 To acquire GPS Signal.

MEC.F22 To carry Generic Operational Equipment in flight.

MEC.F23 To allow for Level 1 Maintenance of Generic Operational Equipment.

MEC.F24 To carry additional Mission-Specific Operational Equipment in flight as required.

MEC.F25 To allow for Level 1 Maintenance of Mission-Specific Operational Equipment.

MEC.F26 To carry Core Operational Equipment in flight.

MEC.F27 To allow for Level 2 and 3 Maintenance of the Core Operational Equipment.

MEC.F28 To operate on a reusable Power-Source.

MEC.F29 To be transportable by road in a Transportation Container.

MEC.F30 To provide a Built-In Test Capability.

MEC.F31 To provide a Built-In Plus Test Capability.

MEC.F32 To allow for Mission Data Files Transfers from/to the Terminal.

MEC.F33 To transmit Flight Parameters to the Terminal.

MEC.F34 To transmit Position to the Terminal.

MEC.F35 To transmit System Status to the Terminal.

MEC.F36 To transmit First Person Views to the Terminal.

MEC.F37 To emit Analog Signals in case of Crash.

MEC.F38 To provide an Abort function for the Pilot to recover Manual Remote Control during an Automatic Flight at any time.

MEC.F39 To provide a Fail Safe Mode.

To operate under Pilot supervision

To be safe at all times

To fly in the Air manually

To fly in the Air autonomously

To capture images of the Flight

To capture images of the Ground in flight

To start and terminate mission on a Launch Pad

To comply with the applicable Regulation

To operate at all Season’s

To survive direct Solar Flow for the duration of the Flight

To operate in a typical windy day

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To float on Water

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To handle Dust and minor projections at Take-Off and Landing

To resist EMC Agressors

To detect Terrain Features

To provide Obstacle Avoidance capabilities

To detect Flying Objects

To acquire GPS Signal

To carry Generic Operational Equipment in flight

To allow for Level 1 Maintenance of Generic Operational Equipment

To carry additional Mission-Specific Operational Equipment in flight as required

To allow for Level 1 Maintenance of Mission-Specific Operational Equipment

To carry Core Operational Equipment in flight

To allow for Level 2 and 3 Maintenance of the Core Operational Equipment

To operate on a reusable Power-Source

To be transportable by road in a Transportation Container

To provide a Built-In Test Capability

To provide a Built-In Plus Test Capability

To allow for Mission Data Files Transfers from/to the Terminal

To transmit Flight Parameters to the Terminal

To transmit Position to the Terminal

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To emit Analog Signals in case of Crash

To provide an Abort function for the Pilot to recover Manual Remote Control during an Automatic Flight at any time

To provide a Fail Safe Mode