

# PROPOSAL X

## Proposal from

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## Proposal title

Autogyro classes

## Existing text

### Section 10

#### 1.5 CLASSES OF MICROLIGHT AND PARAMOTOR AIRCRAFT

##### 1.5.1 Organisation of class names.

| First character:<br>FAI class | Second character:<br>Type of control system   | Third character:<br>Type of landing device  | Fourth character:<br>Number of persons                     | Fifth character:<br>Power source                        | Sixth character:<br>Gender           |
|-------------------------------|---|---|--|---|--------------------------------------|
| <b>R</b>                      | <b>A</b> = Movable Aerodynamic Control System<br><b>W</b> = Weight-shift Control System<br><b>P</b> = Paraglider Control System | <b>L</b> = Landplane<br><b>S</b> = Seaplane<br><b>M</b> = Amphibian<br><b>F</b> = Foot-launched | <b>1</b> = Flown solo<br><b>2</b> = Flown with two persons | <b>E</b> = Electric engine<br><b>T</b> = Thermal engine | <b>m</b> = Male<br><b>f</b> = Female |

##### 1.5.2 Table of Microlight and Paramotor classes

[Class table]

### Annex 3, part 1

#### 1.8 CHAMPIONSHIP CLASSES

The Championships may be held in the following classes (S10 1.5):

WL1, WL2, AL1, AL2, F1m + PF1f, PF2, PL1 and PL2

### Annex 4

#### CLARIFICATION

Classes AL1, AL2, WL1 and WL 2 are "Microlights" and classes PF1, PF2, PL1 and PL2 are "Paramotors"

## Proposal Xa new text

### Sec 10:

#### 1.5 CLASSES OF MICROLIGHT AND PARAMOTOR AIRCRAFT

##### 1.5.1 Organisation of class names.

| First | Second character: | Third | Fourth | Fifth | Sixth |
|-------|-------------------|-------|--------|-------|-------|
|-------|-------------------|-------|--------|-------|-------|

| character:<br>FAI class | Type of control<br>system  | character:<br>Type of<br>landing device   | character:<br>Number of<br>persons                                  | character:<br>Power<br>source                                 | character:<br>Gender                 |
|-------------------------|--|---|---|---|--------------------------------------|
| <b>R</b>                | <b>A</b> = Movable<br>Aerodynamic Control<br>System<br><b>W</b> = Weight-shift<br>Control System<br><b>P</b> = Paraglider<br>Control System<br><b>G</b> = Autogyro | <b>L</b> =<br>Landplane<br><b>S</b> = Seaplane<br><b>M</b> =<br>Amphibian<br><b>F</b> = Foot-<br>launched | <b>1</b> = Flown<br>solo<br><b>2</b> = Flown<br>with two<br>persons | <b>E</b> = Electric<br>engine<br><b>T</b> = Thermal<br>engine | <b>m</b> = Male<br><b>f</b> = Female |

### 1.5.2 Table of Microlight and Paramotor classes

Add to class table:

| Microlight description   | Class name |
|--|------------|
| ...  | ...        |
| Autogyro / Landplane / Flown solo / Thermal engine             | RGL1T      |
| Autogyro / Landplane / Flown with two persons / Thermal engine | RGL2T      |

### Annex 3, part 1

#### 1.8 CHAMPIONSHIP CLASSES

The Championships may be held in the following classes (S10 1.5):

WL1, WL2, AL1, AL2, **GL1**, **GL2**, PF1m + PF1f, PF2, PL1 and PL2

### Annex 4

#### CLARIFICATION

Classes AL1, AL2, WL1, WL2, **GL1** and **GL2** are "Microlights" and classes PF1, PF2, PL1 and PL2 are "Paramotors"

### Proposal Xb new text

### 1.5 CLASSES OF MICROLIGHT AND PARAMOTOR AIRCRAFT

#### 1.5.1 Organisation of class names.

| First<br>character:<br>FAI class | Second character:<br>Type of control<br>system   | Third<br>character:<br>Type of<br>landing device  | Fourth<br>character:<br>Number of<br>persons                        | Fifth<br>character:<br>Power<br>source                        | Sixth<br>character:<br>Gender        |
|----------------------------------|--|---|---|---|--------------------------------------|
| <b>R</b>                         | <b>A</b> = Movable<br>Aerodynamic Control<br>System<br><b>W</b> = Weight-shift<br>Control System<br><b>P</b> = Paraglider<br>Control System<br><b>G</b> = Autogyro | <b>L</b> =<br>Landplane<br><b>S</b> = Seaplane<br><b>M</b> =<br>Amphibian<br><b>F</b> = Foot-<br>launched | <b>1</b> = Flown<br>solo<br><b>2</b> = Flown<br>with two<br>persons | <b>E</b> = Electric<br>engine<br><b>T</b> = Thermal<br>engine | <b>m</b> = Male<br><b>f</b> = Female |

### 1.5.2 Table of Microlight and Paramotor classes

*Add to class table:*

| Microlight description  | Class name |
|---|------------|
| ...   | ...        |
| Autogyro / Landplane / Flown solo / Thermal engine              | RGL1T      |
| Autogyro / Landplane / Flown solo / Electric engine             | RGL1E      |
| Autogyro / Landplane / Flown with two persons / Thermal engine  | RGL2T      |
| Autogyro / Landplane / Flown with two persons / Electric engine | RGL2E      |

### Annex 3, part 1

#### 1.8 CHAMPIONSHIP CLASSES

The Championships may be held in the following classes (S10 1.5):

WL1, WL2, AL1, AL2, **GL1, GL2**, PF1m + PF1f, PF2, PL1 and PL2

### Annex 4

#### CLARIFICATION

Classes AL1, AL2, WL1, WL2, **GL1 and GL2** are "Microlights" and classes PF1, PF2, PL1 and PL2 are "Paramotors"

### Reason

Light autogyros fall into CIMA's definition of microlight, and they are considered microlights in many countries.

There is experience of microlight autogyro competition as members of the AL classes in certain national championships. However, autogyros have a clear disadvantage against fixed-wing aircraft in economy tasks while they have a clear advantage in most precision landing tasks. A specific class will encourage autogyro pilots to participate in FAI competitions.

Option a proposes the inclusion of RGL1T and RGL2T (thermal engine) categories for competition and records.

Option b adds the electric counterparts, but this might be too early for this kind of aircraft.