## METHOD OF QUOTATION

## UPDATE: 20/09/2023

Performance on a race is correlated with three determinants:
(A) The ability to move in the horizontal and vertical planes of the flight chamber resulting from the availability and mobilization of surfaces 1 to 5 .
(B) The posture stability resulting from symmetry (B1) and anchoring (B2) on the airflow.

- Symmetry (B1) depends on a globally balanced distribution between surfaces $1+2$ (upper limbs) and 4+5 (lower limbs), both on the roll axis (left/right) and on the pitch axis (front/rear).
- Anchoring (B2) depends on an overall penetrating shape of the body materialized by a surface $\mathrm{n}^{\circ} 3$ rather arched than flat or hollow.
(C) The ability to validate a point related to the contact surface (C1), distance (C2) and accuracy (C3) of the body part used to touch a contactor (hand or extremity of an amputated upper limb).
- The contact surface (C1) depends on the presence or absence of at least one hand and the ability to present the palm of the hand.
- The distance (C2) depends on the overall mobility of the usable upper limb and its ability to bridge a distance to the contactor.
- The accuracy (C3) depends on the overall mobility of the usable upper limb and its ability to aim the contactor without altered or parasitic movements.

The analysis of aerodynamic motor skills consists in an individualized observation of these determinants. The method of quotation takes place in four steps.

## Step 1: Basic quotation

This step consists of going through all the classification items declared and provided by a candidate in order to establish an inventory of his surfaces available and mobilizable in flight ( 1 to 5 ).

This inventory makes it possible to establish his individualized diagram using the following symbols:


This individualized diagram is then compared to the reference diagrams listed below. These diagrams can be completed and readjusted over time and are currently as follows:


Co-funded by the Erasmus+ Programme of the European Union

The basic quotation is assigned from this comparative analysis.
When a situation does not allow to refer exactly to one of these diagrams, it is still necessary to assign a basic quotation in the most accurate way possible.

## Step 2: Increases

This step consists of adding one/or more increase(s) to the basic quotation when the use of one/or more specific process(s) contributes to the improvement of performance.

In cases where this (these) specific process(s) is (are) already taken into account in the reference diagram used for the basic quotation, this should not be taken into account.

In other cases, one/or more increase(s) can be added according to the following scale:

$$
\begin{aligned}
& \text { - Improvement of move (A): up to }+0.04 \text { per member improved } \\
& \text { - Improvement of symmetry (B1): up to }+0.02 \text { per member improved } \\
& \text { - Improvement of anchoring (B2): up to }+0.06
\end{aligned}
$$

## Step 3: Decreases

This step consists in adding one/or more decrease(s) to the basic quotation when the presence of one/or more specific pathology(s) contributes to the deterioration of performance.

In cases where this (these) specific pathology(s) is (are) already taken into account in the reference diagram used for the basic quotation, this should not be taken into account.

In other cases, one/or more decrease(s) can be added according to the following scale:

- Deterioration of move (A): up to -0.04 per deteriorated limb
- Deterioration of symmetry (B1): up to -0.02 per deteriorated limb
- Deterioration of anchoring (B2): up to -0.06
- Deterioration in validation (C): up to -0.30


## Step 4: Final quotation

This step consists of adding any increases and decreases to the basic quotation in order to calculate the final quotation.

| STEP 1 ÉTAPE 1 | STEP 2 <br> ÉTAPE 2 |  |  | STEP 3 <br> ÉTAPE 3 |  |  |  | STEP 4 <br> ÉTAPE 4 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | INCREASES MAJORATIONS |  |  | DECREASES <br> MINORATIONS |  |  |  |  |
| BASIC QUOTATION COTATION DE BASE | (A) <br> Move <br> up to +0.04 per member Déplacement jusqu'à +0,04 par membre | (B1) <br> Symmetry up to +0.02 per member <br> Symétrie jusqu'à $+0,02$ par membre | (B2) <br> Anchoring up to +0.06 <br> Ancrage jusqu'à $+0,06$ | (A) <br> Move <br> up to -0.04 per <br> member <br> Déplacement jusqu'à -0,04 par membre | (B1) <br> Symmetry up to -0.02 per <br> member <br> Symétrie jusqu'à -0,02 par membre | (B2) <br> Anchoring up to -0.06 Ancrage jusqu'à -0,06 | (C) <br> Validation <br> up to -0.30 <br> Validation <br> jusqu'à -0,30 | TOTAL = <br> FINAL <br> QUOTATION <br> COTATION <br> FINALE |


| EXAMPLE | 0,72 | 0,01 | 0,03 | 0,00 | 0,00 | 0,00 | 0,00 | 0,10 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

