



FEI™ VAULTING

FEI VAULTING FORUM, MARCH, 19th 2022

REFERENCE SCORE

Pavla Krauspe

AGENDA

- Reference score system – short introduction
- Reference score – idea behind
- Reference score – explanation how to use the system
- Reference score – how to use it - practise



FEI™ VAULTING

Reference score - Introduction

REFERENCE SCORE – INTRODUCTION

- ❖ Reference scores system of setting up the score is **replacing system which uses Basic Scores**
 - ❖ 2022 “Cartwheel” + Free Test Exercises
 - ❖ 2023 Compulsory exercises and remaining Technical Test exercises
- ❖ Reference scores incorporate mechanical and performance faults into one **score box and minimize the use of additional deductions**
- ❖ Terminology and deductions are standardized by **using 5 General Criteria** to assess the exercise
 - ❖ **Free Test Exercises** – refer to 5 General Criteria (Harmony with the horse, Body Control&Posture, Quality of Movement, Balance and Flexibility)
 - ❖ **Compulsory exercises 2023 and “Cartwheel”** – detailed description of Mechanics and Reference score boxes, animation and graphics added throughout

REFERENCE SCORE – INTRODUCTION

- **Basic Score versus Reference score**

- **Basic score** = maximum score (described by one mechanical fault) - specific deductions - performance and mechanical deviations (up to 3 points)
 - Only few basic scores per exercises, many specific deductions, no consistency in the structure of basic scores per exercise
- **Reference score** = score box (described by requirements and deviations linked to the essences) - specific deductions - performance mistakes not linked to the essence (up to 1 point)



FEI™ VAULTING

Reference score – Idea behind

REFERENCE SCORE – IDEA BEHIND

- ❖ Development of the Sport
- ❖ Harmonize scoring in Compulsory, Technical Test and Free Test by using same system
- ❖ To avoid double punishment in the Comp and TT exercises
- ❖ Consistency of descriptions among all Compulsory and TT exercises
- ❖ Scores of the judges - to limit big differences



FEI™ VAULTING

Reference score – How to use the system

REFERENCE SCORE – HOW TO USE IT

FEI VAULTING GUIDELINES 2022

❖ General Criteria

- ❖ Harmony with the horse
- ❖ Body Control&Posture
- ❖ Quality of Movement
- ❖ Balance
- ❖ Flexibility

3.4.4. Harmony with the Horse

<p>Description Establishing a smooth and harmonious connection with the horse and minimizing the forces exerted on the Horse by anticipating, absorbing the movement of the Horse and accelerating/decelerating smoothly and in rhythm with the horses movement at all times. Consideration of the Horse by adapting the technique and mechanics of an exercise to the build and training level of the Horse, to ensure the Horse is able to carry the exercise, without its comfort and balance being disturbed. (Rhythmic Ability, Reaction Ability, Adaptation Ability)</p>	
<p>Indicators Size of supporting area, distribution of weight over the entire supporting area, landing on and pushing off the Horse, acceleration and slowing down of body weight, use of Horse's movement.</p>	
<p>Ref. Score 10 Or Deduction 0</p>	<ul style="list-style-type: none"> ✓ Uses the maximum required supporting area AND weight evenly spread ✓ Completely smooth and harmonious connection with the Horse, by absorbing the movement of the Horse ✓ In rhythm at all times ✓ Acceleration and Pushing Off: exerting no more pressure than necessary for excellent mechanics ✓ Landing and Slowing Down: completely soft and harmonious
<p>Ref. Score 8.0 Or Deduction 2</p>	<p>Minor Deviations:</p> <ul style="list-style-type: none"> ✓ In rhythm at all times – Uses nearly the maximum supporting area AND weight almost evenly spread – Smooth connection with the Horse, by absorbing the movement of the Horse almost completely – Acceleration and Pushing Off: putting slightly more pressure on the Horse than necessary – Landing and Slowing Down: not completely soft and harmonious
<p>Ref. Score 6.0 Or Deduction 4</p>	<p>Medium Deviations:</p> <ul style="list-style-type: none"> – Does not use the maximum supporting area most of the time AND sometimes unsteady – Occasionally not absorbing the movement of the Horse. – Sometimes out of rhythm – Acceleration and Pushing Off: exerting abrupt pressure on the Horse (caused by pushing or pulling) – Landing and Slowing Down: fairly hard
<p>Ref. Score 4.0 Or Deduction 6</p>	<p>Major Deviations:</p> <ul style="list-style-type: none"> – Severe collapse on the Horse – Significant disturbance of the comfort or balance of the Horse – Considerable changes of size/shape/place of the supporting area throughout – Very unsteady during the whole exercise – Very little connection with the Horse and very poor absorption throughout. – Completely out of rhythm throughout – Landing and Slowing Down: very hard

REFERENCE SCORE – HOW TO USE IT

❖ Compulsory Exercises

1. Vault-on

Essence:

Harmony with the Horse
Quality of Movement
Body Control & Posture

Mechanics:

The Mount-on is a dynamic exercise and comprises 5 biomechanical phases:

- | | | |
|----|----------------|--|
| 1. | Jump phase | starts when touching the surcingle |
| 2. | Swing phase | starts when feet lose contact with ground |
| 3. | Stem phase | starts when pushing with arms |
| 4. | Lowering phase | starts when lowering the Center of Gravity |
| 5. | Landing Phase | starts when touching Horse (with legs, pelvis), ends with seat astride |

1. With both hands touching any part of the surcingle the vaulter jumps off with both feet side by side. closi

REFERENCE SCORE – HOW TO USE IT

❖ Technical Exercises

6.4.2. Cartwheel Movement from Neck to Back (Time/Coordination)

Essence:

Harmony with the Horse
Quality of movement
Body control and posture

Mechanics:

The Cartwheel movement is a dynamic exercise and comprises 4 phases:

1. Energy phase starts with the stand backward on the neck on one foot, hands on top of the handles
2. Rising phase starts when feet lose contact with the neck
3. Lowering phase starts when lowering the first (swinging) leg
4. Landing phase starts when touching the Horses back with the foot of the first leg

REFERENCE SCORE – HOW TO USE IT

❖ Free Test Exercises

Code of Points - at the beginning of each structure Group are listed 3 main General Criteria which describing the essence of the exercises in that group

2. Individual Exercises

a. Individual Static Exercises

1.1 Sitting Exercises

Essence:

Harmony with the Horse

Balance

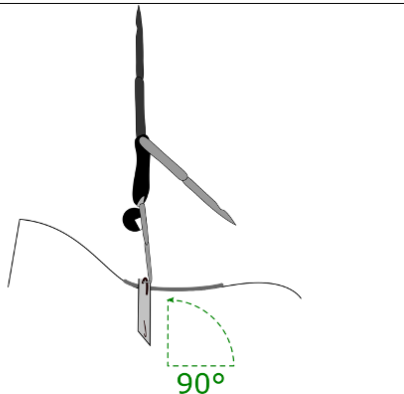
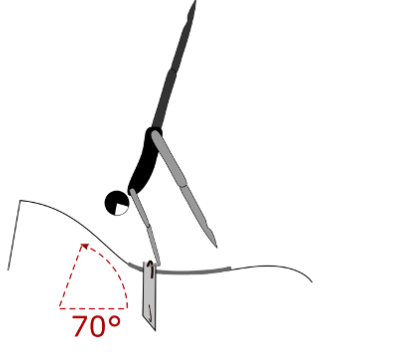
Body Control & Posture

& depending on the position: Flexibility

- All sitting exercises with one or both legs underneath the hips are E or M exercises.
- All- sitting exercises with both legs at hip level or above could be M or higher exercises.

REFERENCE SCORE – HOW TO USE IT

❖ Compulsory and Technical Test

10		<ul style="list-style-type: none"> ✓ Correct Jump phase ✓ At the highest point, angle between upper body and horizontal 90° (vertical) ✓ At the highest point, maximum arm and shoulder extension ✓ At the highest point, the Center of Gravity is above the middle of the supporting area (hands) ✓ At the highest point, the shoulders are parallel and the pelvis is nearly parallel to the shoulder axis of the Horse; the body axis is straight. ✓ The angle between the left leg and the pelvis/upper body is maximal 45° ✓ Right leg is in line with the upper body throughout the swing and stem phase ✓ Correct lowering and landing ✓ Correct movement flow and balance
9		<ul style="list-style-type: none"> ✓ Correct Jump phase ✓ At the highest point, the Center of Gravity is above the middle of the supporting area (hands) ✓ At the highest point, the shoulders are parallel and the pelvis is nearly parallel to the shoulder axis of the Horse; the body axis is straight. ✓ The right leg is in line with the upper body throughout the swing and stem phase ✓ Correct lowering and landing <ul style="list-style-type: none"> – Angle between upper body and horizontal 70° – At the highest point: Maximum arm extension (not including shoulders) – Minor irregularity in movement flow

❖ Legend (on page 29)




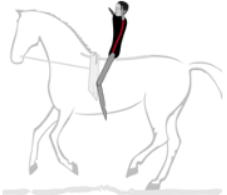
✓ **Requirements :** **must be fulfilled** to obtain the corresponding Reference score

– **Deviations:** these deviations are already accounted for in the corresponding Reference score. **The score is the same if the Vaulter shows one or more deviations listed for that score**

💬 **Notes:** describing additional deviations that are also included in the corresponding Reference Score (and do not entail additional deductions).

REFERENCE SCORE – HOW TO USE IT

- **Identify which reference score box matches the exercise**
- **Reference score box is 1 point**
 - We use decimals to move within the box (reason why it calls Reference score)
 - The minuses in the box leads us to the correct reference score box
 - Judge can decide about decimals
 - The score is the same if the Vaulters shows one or more deviations (minuses) listed for that score
- To the above score we need to apply **specific deduction** (e.g. missing canter stride)
- Plus **additional deduction** for faults not linked to the essence up to 1 point in total (e.g. not stretched arm in flag or basic seat, bent knee in mill, loose toes in swing exercises etc)

9		<ul style="list-style-type: none"> ✓ Correct absorption ✓ Correct balance ✓ Correct posture upper body ✓ Correct position of the legs - Minor deviations in build up and down
8		<ul style="list-style-type: none"> ✓ Correct absorption ✓ Correct balance ✓ Correct posture upper body - Minor deviations in position of the legs
7		<ul style="list-style-type: none"> - Fairly correct absorption - Loss of balance with minor amplitude and duration (no more than one canter stride) - Minor deviation from correct posture upper body - Fairly correct build up and down
6		<ul style="list-style-type: none"> - Medium lack of absorption, ischial bones significantly lifting off the Horse once - Medium deviations from correct posture upper body - Medium deviations from correct position of the legs
5		<ul style="list-style-type: none"> - Lack of balance with significant amplitude throughout - Medium deviation from correct posture upper body, leaning too far back AND medium deviation from correct position of the legs (e.g. chair seat)



FEI™ VAULTING

Reference scores- Practise

REFERENCE SCORE – PRACTISE

- VAULT ON
 - <https://youtu.be/2mZRE4cRm-l>
 - SLOW MOTION: <https://youtu.be/LUtWJz5OAzI>

- SCISSOR FORWARD
 - https://youtu.be/_h-nb11g7K0
 - SLOW MOTION: <https://youtu.be/ZtTmhPDpN08>

- STAND
 - <https://www.youtube.com/watch?v=ujcA1bYpFCc>
 - SLOW MOTION: <https://youtu.be/Z0LWShKRckM>



FEI™ VAULTING

THANK YOU