

B EV Testing Outline

Important to jump w/o stirrups often for this test!!

Do NOT wear loafers or tennies around the barn at ANY point during the test - barn boots only.

Attire: there is no Turn Out so a coat is not needed.

Helmet – black, brown or dark blue.

Shirt – any conservative color w/collar and sleeves, tucked in with belt.

Breeches – white or light

Boots – tall black or brown or jodhpur boots with matching leather leg piece.

Specialty Wraps – have a choice of ice, poultice or sweat – last is easiest. See instructions below.

Sweat Bandage

A sweat bandage is used to reduce swelling by increasing blood circulation through heat application. Sweats are usually used for swelling that is more than 48 hours old; a fresh injury usually benefits more from cold applications. A sweat is left on for 8 hours and then removed. It can be repeated if necessary.

Sweat bandages should not be applied over liniments, blistering agents or leg paints, or they may cause blistering of the skin. Caution: When ambient temperatures are greater than 80°F, sweat bandages can become too hot and cause severe skin blistering – be sure to use wet paper instead of plastic wrap.

MATERIALS NEEDED:

- Sweat medication approved by your veterinarian. Ex – Furacin (FuraFree if competing in an FEI event), or Neosporin if a wound. Mineral oil is fine if no wound – just swelling.
- Plastic food wrap, brown paper bag, newspaper, or disposable diaper with the plastic liner left intact. *Brown paper from the inside of feed bags if doesn't have molasses or feed on one side, paper grocery bag, or brown shipping paper. Use stretchy Saran Wrap-type of plastic. Probably need a couple diapers if using to cover the leg.
- Leg padding and bandage suitable for area to be sweated.

PROCEDURE:

1. Wash the leg if needed and allow it to dry. Use Castile soap or Betadine scrub if has a wound.
2. Apply medication, smoothing on a thick layer.
3. Cover the area lightly with plastic wrap (if cool weather), newspaper, brown paper or diaper(s).
Do not pull it tight. *Wet the paper before applying to the leg.
4. Place pad and wrap over the leg and secure the bandage with Velcro or bandage pins. Remember that the bandage has to finish on the outside of the leg or cover the Velcro with a patch of duct tape.

Riding on the Flat -

Warm-up:

Always start with 5+ min. walking - use **circles, figure-8s**; change directions frequently. Carefully review and demonstrate the required movements. Your tester shouldn't have to ask you to move along in your warm-up.

Required Movements: **see the B EV Standard**. Discuss the aids used, the benefits of the exercises and the purposes of the required skills. Ride without stirrups at all gaits.

Discuss your warm-up -

Was your horse moving forward freely at the end? Was he stiffer on one side than the other? How did you try to fix that - more work on the circle? more leg? stronger outside aids? You need to have actual comments for this discussion. Talk with your coach for ideas about why you should warm up in a certain way to help your own horse do his best. ***Use the Training Scale in your discussion.**

***Bring a copy of the current Prelim A test.** Discuss the quality of the rhythm, tempo, suppleness, contact, impulsion and straightness of your ride.

Building your grid and course: **see the B Standard**

Bring a tape reel and pole with jump heights - distances **MUST** be measured exactly. Know the distances for the various stridings required in the course – guide attached.

*Find out which of the current three approved courses is being used - include three changes of direction, a bending line, a triple and a 2-stride combo. *Spring Run is Course #1

When building the course, be sure to have an inviting first fence, i.e., a solid, ascending oxer that is one hole lower than 3'7"! Pull ground lines out somewhat in front of verticals so fences not so difficult; don't max out first fence in triple. Try to find materials from jump trailer to fill in fences so not too airy.

Grid is attached. Bring to the testing. Discuss distance of trotting poles and the grid. Ways these help the horse and how these relate to your mount and the conditions - indoor or outdoor? footing? weather?

Longeing — see attached notes and Standard.

Have to demonstrate at least 3 of these: spiraling, transitions, parallel longeing, use of cavalettis/poles. Progress to pivot longeing.

Conditioning — **carefully read the Standard**

Present a 6-8 week conditioning and feeding program for a totally unfit horse.

The Training Pyramid

Pyramid of Training



The rider should use the Training Pyramid as a basis for all training. The steps in the pyramid build upon each other until the top is reached. Skipping one will make the top stage of training impossible.

To help remember the steps: "Ride So Canter In Straight Columns".

Rhythm is the first step. Rhythm is regular, even steady paces.

Suppleness comes next. This means the ability to bend the body both laterally and longitudinally.

Contact is the third step. This is the acceptance of the bit and the rider's hands. The horse should go willingly forward into the bit.

Impulsion means the pushing power that comes from behind.

Straightness will follow. The horse will remain straight on curved or straight lines.

Collection is last. This means the horse has reached "self-carriage". The strides are more animated with more suspension. The horse is light in his forehand. The hind legs show more bend.

Critiquing Your Ride

Areas to Critique (What You Want to Accomplish!)

1. **Free Forward Movement:** *Energetic* steps forward through a *relaxed* topline.
 - Willingness to stretch down forward toward the bit
 - Steady rhythm
 - Acceptance of aids - responds to leg by engaging hind legs and reaching for bit; does not drop the contact, brace or pull against your hand
2. **Suppleness:** Ability to shift balance forward or back (longitudinally) and side to side (laterally).
 - Requires relaxation through topline
 - Horse is more responsive to aids. Rein aids and half-halts more effective on hind legs.
 - Allows horse to be connected (back to front) or "through"
 - Lack of tension and resistance
3. **Balance:** Ability to carry and shift weight from side to side (laterally) or forward and back (longitudinally) for ease of movement according to athletic demands

Organizing the Critique

1. General "overall" statement about how the ride went. Give your general impression and try to be positive and sound positive.
2. State specifically what you worked on in the following order:
 1. How the horse moves and what its resistances are
 2. What specific problems did you work on?
 3. What exercises you used (for warm-up critiques); what techniques for course work
 4. Whether the exercises/techniques helped

*Keep this section SIMPLE and FOCUSED, using the 3 areas above as guidelines.
3. What problems will you address next, and how. 'A' candidates should include ideas for future training, may discuss use of cavaletti, longeing, other groundwork, etc.

Jumping

When critiquing a jump course, comment on the following:

1. Pace (speed, rhythm, tempo)
2. Balance
3. Impulsion
4. Lines (approaches, distances, turns to fences)

Terms to Know and Use in Critiques:

Forwardness
Impulsion
Tempo
Rhythm
On the aids
Connection
Straightness

Balance (lateral, longitudinal)
Engagement
Collection
Self-carriage

Suppleness (lateral, longitudinal)
Connection
Relaxation
"Through"
Submission

Benefits of longeing the horse:

- 1) exercise a horse that can't be ridden
- 2) settle a fresh horse before riding (watch for kicking!)
- 3) train the horse to obey voice commands
- 4) develop horse's rhythm, balance, suppleness while strengthening his muscles and getting him fit for riding if needed.

Dangers:

- 1) don't overwork since harder on the horse's muscles, tendons and joints. Limit 5-10 mins for green horse; 15-20 mins for a fit horse.
- 2) change directions every 5 min to avoid overworking one side and change gaits frequently to avoid boredom and fatigue.
- 3) don't longe in small circles, in deep footing or at a fast gait
- 4) no jump standards or other riders in the ring at the same time. If another horse longeing at same time, place a safe divider between their circles. Best place is a round pen with good footing.

1. **Parallel Leading** - walk along next to the horse in a large circle with whip wrapped up and tucked under your other arm and extra line folded in your other hand. Let out 4-10 ft. of longe line and teach the horse voice commands as you walk next to him - out, walk, halt - from both sides. This method prepares a horse for longeing.
 2. **Parallel Longeing** - method used for horses that are green on the longe or that need more control because not obeying voice commands. Let the horse out 10-20 feet and walk in a large circle with him so you can control him better and be closer with the whip. Can use an assistant to walk next to the horse if needed at first.
 3. **Regular Longeing** - handler pivots in one spot or walks in a small circle while the horse is out on a 20m circle. Used for trained horses.
- Goals of longeing: obedience, rhythm, relaxation.

Warm up in one direction before attaching side reins.

Reins are always even length. Normal first adjustment is 4 fingers width between rein end and bit with horse standing normally. When shorten reins as you work, be sure head remains in front of the vertical. Elastic reins can teach the horse to lean on the bit.

If using a saddle, attach reins to the billets above the girth loop on the pad or thru the girth loop itself so they can't slip down. If using a surcingle, attach to the side ring for green and trained horses; upper ring is only for advanced horses.

Walk out to the horse to change direction or add/adjust reins since horse shouldn't be led around with reins attached.

Outside rein is attached first and removed last to stop horse from turning into you if he moves. Only use side reins for trot and canter work, never at the walk since **spoils the gait**. As soon as attached, move horse forward. **Remove for cool down.**

Pole distances: 4 - 4 ½ ft. for horses so they step in the center of each space between the poles.

Benefits of poles:

- 1) stabilize the stride
- 2) teach the horse to adjust his stride
- 3) improve suppleness of the horse
- 4) when raised to cavaletti height (6"), helps with impulsion and roundness
- 5) relax a horse who rushes fences
- 6) when used in front of fences, teaches horse to jump straight and take off at right distance.

Benefits of grids: Shortened distances (<12' per stride) teach the horse to be careful with his front end and use his hocks more. Easy distances (<12'-12') develop confidence in horse and rider. Bounce is only 10' so no stride.

Benefits and Dangers of Longeing the Horse

Teaching a horse to longe

Side Reins: Attachment and length

Benefits of Trotting Poles & Grids

Saddle or surcingle should be fit behind elbow so won't interfere with movement of the shoulder. Don't forget 4 leg boots & bell boots in front. Stirrups must be removed or tied up securely so won't bang into the horse. Reins are twisted and throatlatch is run through to hold them in place. Surcingle needs a pommel pad or saddle pad to protect the withers. Longe line is 25-30' long and made of cotton webbing with a snap or buckle on the end - never a chain since ruins the contact. Longe line should be attached through the snaffle bit ring and then run under the noseband in front of the noseband headstall and attached back to the line. Can also use a longe attachment. Over-the-poll attachment is very severe (gag effect); only used for maximum control. Longeing cavesson noseband should be 4 fingers above the horse's nostrils so is up on the nasal bone and be fit snugly. Jowl strap fit snugly so cavesson cheekpiece won't get pulled over into horse's eye.

1. **Rhythm and tempo** must be established first. If horse is running with quick, short strides or lazy, dragging gaits, then he can't establish rhythm. Counting helps you time your aids - apply half-halts or whip signals as the inside hind leg pushes off. Keep the circle round. Quick horse - longe at a slower trot on slightly smaller circle, encouraging slower tempo with gentle half-halts in rhythm with the inside hind leg and soothing voice aids, then let him back out on a bigger circle. Lazy horse - point the whip at the inside hind leg each time it swings forward and use stimulating voice aids like a cluck. Flick the whip upward at his flanks or hocks; touch him with the lash if needed.
2. **Relaxation** can be achieved once a steady working tempo is established. Trainer needs to have a quiet tone of voice and gentle rein aids. **Signs of relaxation** are - eyes soft, ears relaxed, deep breath, snorting gently, stretching the neck and head down and relaxing the back, chewing the bit softly. Maintain inside bend.
3. Now the trainer can ask for **engagement**, which comes from the hind legs reaching forward under the horse with each stride, producing **free forward movement with a swinging back**. Once the horse is relaxed and loose with good rhythm, then he can be asked for a longer stride within the same tempo, i.e. bigger step at the same speed. Use a **leading rein** out and downward while **pointing the whip** at the hind leg each time it pushes off. Lazy horse may need strong driving aids - stepping toward his hindquarters or snapping the whip. Goal is to get the horse "tracking up", stretching down with acceptance of the bit and to round his back and neck while keeping the correct bend to the inside of the circle.

Benefits of longeing the rider:

- 1) build confidence in the rider
- 2) improve rider's suppleness so can move better with the horse
- 3) improve rider's balance and position
- 4) help develop an independent seat

Dangers:

- 1) be in a safe, enclosed area with no other riders around
- 2) use an experienced longeing horse and instructor
- 3) attach a pommel strap for the rider to grab if they lose their balance
- 4) warm horse up in both directions before rider mounts
- 5) remove any side reins when rider mounting or dismounting
- 6) when ready for no reins, secure them so always within reach of rider
- 7) don't overtire the rider or the horse

Longeing Equipment Fit and Use

(besides side reins)

Improving movement on the longe #1

1. Rhythm and tempo
2. Relaxation

Improving movement on the longe #2

3. Engagement

Benefits and Dangers of Longeing the Rider

1. **Parallel Leading** - walk along next to the horse in a large circle with whip wrapped up and tucked under your other arm and extra line folded in your other hand. Let out 4-10 ft. of longe line and teach the horse voice commands as you walk next to him - out, walk, halt - from both sides. This method prepares a horse for longeing.
2. **Parallel Longeing** - method used for horses that are green on the longe or that need more control because not obeying voice commands. Let the horse out 10-20 feet and walk in a circle with him so you can control him better and be closer with the whip.
3. **Regular Longeing** - handler pivots in one spot and horse is out on a 20m circle. Used for trained horses.
4. The RIDER is at the apex of the **CONTROL TRIANGLE**. The WHIP is one side and the LINE is the other side of the triangle with the HORSE as the base.

Horse won't go forward - use "Out!" while shaking whip at his shoulder as you step forward, then drive him forward from behind. **Parallel longe** so you can reach him with the whip if needed.

Swinging in - follow him until he reaches a wall, then step behind him and drive him forward. Shorten the longe so you can stay close to him; **parallel longe** as long as needed. For trained horses, use side reins and send forward strongly.

Lazy - don't nag at him, but insist that he respond to your commands promptly. Use the whip immediately on his flank or above his hock and **parallel longe**. Frequent transitions help keep his attention.

Rushing - keep the whip quiet or even turn it backwards. **Parallel longe** so you are closer to him and move forward towards his neck when asking him to slow down with repeated half-halts. Make the circle smaller to slow him down while moving with him - "body block".

Balance on the circle at the trot has to be achieved before a horse can canter on the longe. Use **side reins** adjusted for his level of training. Longe at a slow trot using half-halts until he remains upright and bends correctly on the circle without leaning or pulling. **Frequent transitions** are the best way to improve balance and strengthen his hindquarters.

Suppleness is ability to track correctly in both directions, even tho all horses have a weaker, stiffer side. Correctly adjusted **side reins**, circle **round** and the right size, and **frequent changes of direction** all help.

Acceptance of the bit can be helped by longeing horse in side reins; use elastic-type if mouth is oversensitive. Signs of success include foam in the mouth and steadier head carriage.

Improve the canter - correct longeing can help the horse's canter under saddle because requires more balance, strength and suppleness. Using side reins, do trot-walk-trot transitions to improve balance and impulsion. Make circle a little smaller; ask for the canter, then let the line out to 20m.

Longeing Methods & the "Control Triangle"

Longeing Issues: Disobediences

Longeing Issues: Balance, suppleness, acceptance of the bit and improving the canter.

Candidate's Longeing Techniques

The candidate's longeing technique must be appropriate for the horse. The candidate is expected to understand the reasons for and use of appropriate aids.

1. Attire

- a. sleeved shirt
- b. breeches and boots
- c. approved helmet
- d. gloves
- e. watch to check timing (*set xc watch to 5-7 min?*)

2. Voice

- a. clear, loud, and varied tones of voice to cue horse; try not to cluck if longeing in the same ring as another horse.
- b. coincides with body position and artificial aids, when those aids are used

3. Whip

- a. controlled and positioned according to the needs of horse for example, towards the horse's hip, shoulder or towards the ground
- b. used to move horse forward
- c. when changing directions, whip under candidate's arm so as not to hit horse

4. Body Position

- a. Either "pivoting" or "parallel longeing" techniques are allowed. Either style shown by the handler in the center of circle is appropriate. (Be prepared to discuss why to use parallel method if asked or to use it if horse needs it)
- b. may remain in center of circle with horse on circle
- c. may leave circle to use arena walls, when needed
- d. returns to center of circle after correcting horse's movement, when appropriate
- e. shortens and lengthens line to coincide with horse's movement, maintaining a light feel
- f. holds line as driving or riding rein with safe handling of excess line (gather in folds)
- g. faces girth area with open chest, soft knees
- h. uses body language to make appropriate corrections for this level

5. Critique

- a. awareness of horse's position on circle (circle is round or flat on one side?)
- b. quality of walk and trot (canter is optional for Cs; Bs need to show the canter)
- c. awareness of rhythm and development of free forward movement
- d. awareness of one's own strengths and weaknesses when longeing

Candidate's Longeing Horse

1. **Equipment** will be determined by candidate and horse's owner. Candidate should know fit and use of the equipment.
 - a. Required--bridle or longeing cavesson
 - b. Required--longe line without chain; at least 25' long. Candidate should explain the attachment method they are using and why they chose it for this horse.
 - c. Required—whip long enough to be effective
 - d. Required—saddle or surcingle with saddle underneath - no stirrups or leathers rolled twice and end thru keeper.
 - e. Required--C3s & up must use side reins, remembering to warm up in the first direction a few circles before attaching on first length (*4 fingers from end of rein to the bit*). May continue in same direction to complete the 5-7 min. Shorten when change direction if needed.
 - f. Protective leg boots/bandages on all four legs plus bell boots in front
2. **Circle** - at least 20 meters, but size may vary due to unbalanced horse.
3. **Mount**
 - a. obedient/responsive to candidate's voice, when voice is appropriate for command (should halt on command; shortening line and approaching horse while asking is fine)
 - b. accustomed to whip being held or used by candidate
 - c. demonstrates some experience at being longed on a 20m circle
 - d. comfortable with another horse being longed in same area
 - e. safe for candidate to longe
4. **Borrowed Horse** -A candidate does not have to longe his/her riding horse. S/he could bring a separate longeing horse, or borrow another candidate's horse. If borrowing another candidate's horse, the borrowed horse's condition must be considered for the duration of the testing. A candidate may only longe a horse s/he is familiar with and has practiced longeing prior to this portion of the testing.
5. **Unsuitable Horse** - If an examiner feels that a horse is unsuitable, the PIP (the lead examiner) has the authority to dismiss the mount from the longeing portion of the test. An "unsuitable" mount is defined as unsafe or dangerous to other riders or horses in the group, or is over faced by the nature of the test.
6. **Dismissed Horse** - The PIP (the lead examiner) has the responsibility to explain the reason(s) why the mount is inappropriate to the candidate, the Impartial Observer and the candidate's parent(s). If the horse is deemed "unsuitable," the PIP may allow the candidate to continue this phase. When a candidate has the option to longe another horse, the decision of what to longe is up to the candidate and his/her parents or legal guardians. See Borrowed Horse (#4). An examiner may not suggest another horse.

Communication

The aids used to communicate with the horse while longeing are voice, handler's body placement, the whip, and the longe line.

Voice Commands:

To walk on: "Walk ON" or "Wa-a-LK," spoken firmly, raising the tone of voice on the last syllable.

To walk from trot: "WA-a-a-lk" or "A-a-a-nd WALK," spoken slowly and quietly, but firmly, dropping the tone of voice at the end. The work and is used like a half halt to prepare the horse when asking for a downward transition.

To halt: "Who-o-a-a" or "A-a-a-nd Whoa," spoken slowly and quietly, but firmly, dropping the tone of voice at the end. "Whoa means "Stop and stand still," so to avoid confusion it is best to use another word such as "slowly" or "easy" to slow down without stopping.

To trot from a walk: "Trot ON" or "T-r-r-Rot," spoken briskly, raising the tone of voice and stressing the last part of the command.

To canter from a trot: "Ca-a-a-n-TER," spoken briskly, raising the voice on the end of the word.

To trot from a canter: "Tr-o-o-t" or "A-a-a-nd Trot," Spoken slowly and quietly, as in other downward transitions.

"Easy" or "Steady" (spoken slowly and quietly) may be used to calm an excited horse.

Clucking with the tongue can encourage a lazy horse to move with more effort. To be most effective, a cluck should be used in rhythm with the inside hind leg.

"OU-u-ut," spoken firmly, may be used to ask the horse to move out onto the circle, away from the handler.

"Good Boy," or "Good Girl" can be used as a verbal reward although do not use it only when stopping or he may learn to stop.

"NO!" This is a verbal correction, to be used instantly when required. It should be spoken sharp, and in a displeased tone of voice.

Rein Aids:

Opening or Leading Rein: The longe hand moves outward and sideways, away from your body. This leads the horse forward and asks him to stretch his neck out.

Direct rein: The longe hand gives short squeezes on the rein, toward your elbow. This asks the horse to make the circle smaller, to bend toward you, or stop pulling out away from you.

Indirect rein: the longe hand moves inward and sideways, toward your opposite hip, giving short squeezes. This puts pressure backward on the longe and asks your horse to slow down or stop.

Giving longe: The longe hand moves briefly forward and out toward the horse's head, then smoothly takes up the contact again. This releases pressure on the longe for an instant. It is used to reward the horse, to ask the horse to lower he head, or to allow him to move out onto a larger circle. Don't lose all contact or let the longe line become dangerously slack: the horse could step over it if he turns in.

Vibrating the longe: The longe hand gives tiny "shivers" This calls the horse's attention to a light signal without pulling against him. It is very useful for halting and slowing down without pulling.

Half-Halts on the Longe: A half halt is a brief call for attention; it asks your pony to listen to you, to rebalance himself, and to prepare to do something. To give a half-halt on the longe line, you coordinate all your aids just as you do when riding. Lift the tip of the whip or point it toward the pony's hocks to ask him to engage his hind legs. As you stand taller, give a short lift and squeeze of your hand on the longe line, and give a voice command. A warning word such as "A-a-and" before a command has the effect of a half-halt because it tells the pony that another command is coming.

Communications with the Longe Whip:

The longe whip must be used quietly and tactfully. It can be used in several ways.

*Close to the ground, with a forward rotating motion: This asks the horse to move forward.

*Flicked at the hocks (from back to front): This asks more strongly for forward movement.

*Flicked forward and upward toward the belly so that it lands on the area where the rider's leg is normally used (it takes considerable skill and practice) This asks for forward and outward movement.

*Cracking whip: A sharp call for immediate forward movement. Use this only when all other signals fail, because it may upset the horse. If you crack the whip too often, your horse may learn to ignore all whip signals.

*Pointing the whip toward the horse's shoulder: This asks the horse to move out on a larger circle, or stops him from cutting in toward the handler.

*Moving the whip under the longe line and in front of the horse's head: This asks the horse to slow down and stop. It requires considerable skill, tact, and practice. Poking the horse or waving a whip around his head will surely upset him.

Communication with Body Language:

Body Language is one of the most important aids in longeing. Horses often pay more attention to body language than other aids because it is more like the way they communicate with each other.

The handler should be in a longeing position: See diagram of The Control Position. If you are too far back of the triangle the horse acts as if you were chasing him from behind, and he might rush forward, kick or bolt. If you are too far in front toward his head he acts as if you were getting in front of him and cutting him off. He will slow down or stop. Your body should keep the triangle balanced. A small shift of your body in either direction will either send your pony forward or slow him down.

Horses react to the way you use your body. If you move toward him suddenly and strongly, you appear threatening, and the pony may try to escape by rushing forward if you move toward the rear. If you move toward his head he will suddenly stop or turn around. If you move too timidly, stiffly, too little, or too late he may decide to ignore you.

NORMAL DISTANCES - *multiply the strides by 12 + one more 12.

1 Stride - 24ft - 26ft. **V~ V (vertical>vertical)** ex. one stride = 12 + 12.

2 Stride - 34.5ft - 36ft. **V ~ V; V > oxer** 36-37.5ft. ex. 2 stride = 24 + 12.

3 Stride - 47ft - 49ft

4 Stride - 58ft - 62ft

5 Strides 69ft - 75ft

6 Strides 80ft - 86ft

FACTORS THAT NECESSITATE USING SHORTER DISTANCES

Uphill; Deep going; Away from the In-gate; Small Arenas; Short approaches; Weather

FACTORS THAT NECESSITATE THE LENGTHENING OF DISTANCES

Downhill; Good going; Towards the In-gate; Large arenas.

The construction of the fence (solid or flimsy) and the width of oxers can also have an effect, as well as the level of the test.

Distance is measured from the back of the 1st jump to the base of the 2nd jump.

****THREE THINGS NEEDED FOR A GOOD JUMP: Balance, Impulsion & Rhythm.**



The United States Pony Clubs, Inc.

Standards of Proficiency

C-3—A Eventing



C-3 over Fences

C-3 Gymnastic Exercises

Use at least 4 poles or just one placing pole.

Suitable for all levels during clinics.

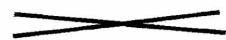
A 4th jump may be added at 23' +/-.



4'6"



9'



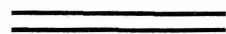
Cross rail or
Vertical

18'



Vertical

21'



Oxer or
Vertical



4'6"



9'



Cross rail or
Vertical

10' Bounce



19' +/-

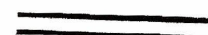


22' +/-



Oxer or
Vertical

23' +/-
(1 Stride) or
34' +/-
(2 Strides)



Oxer or
Vertical