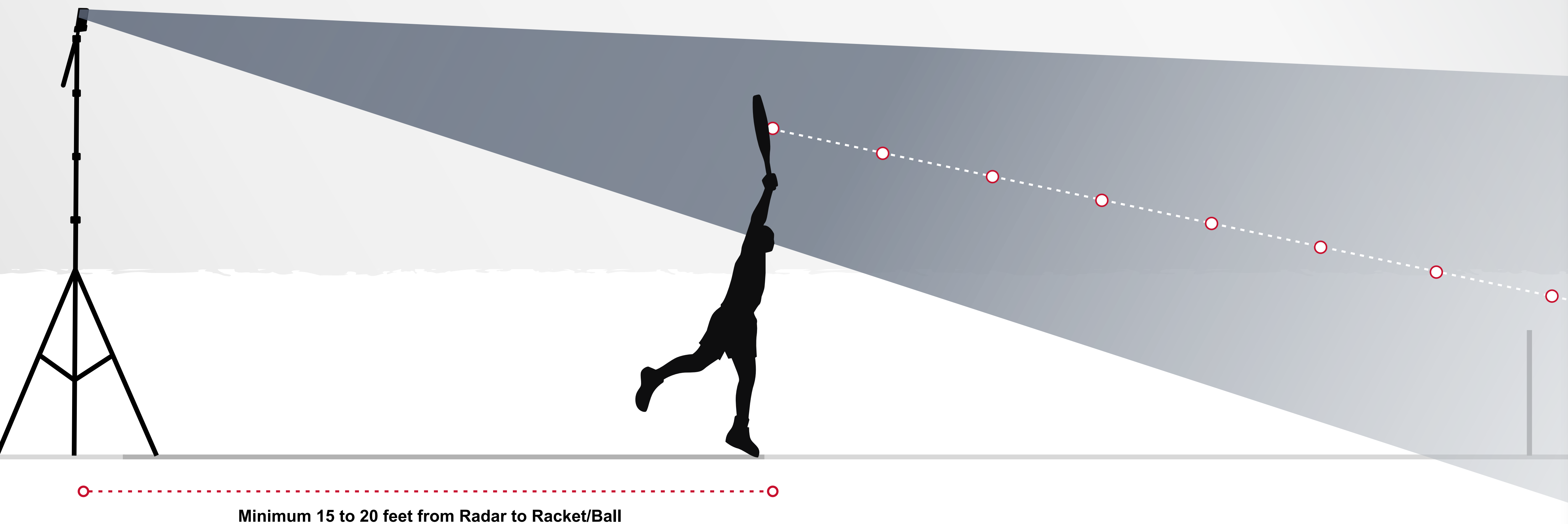




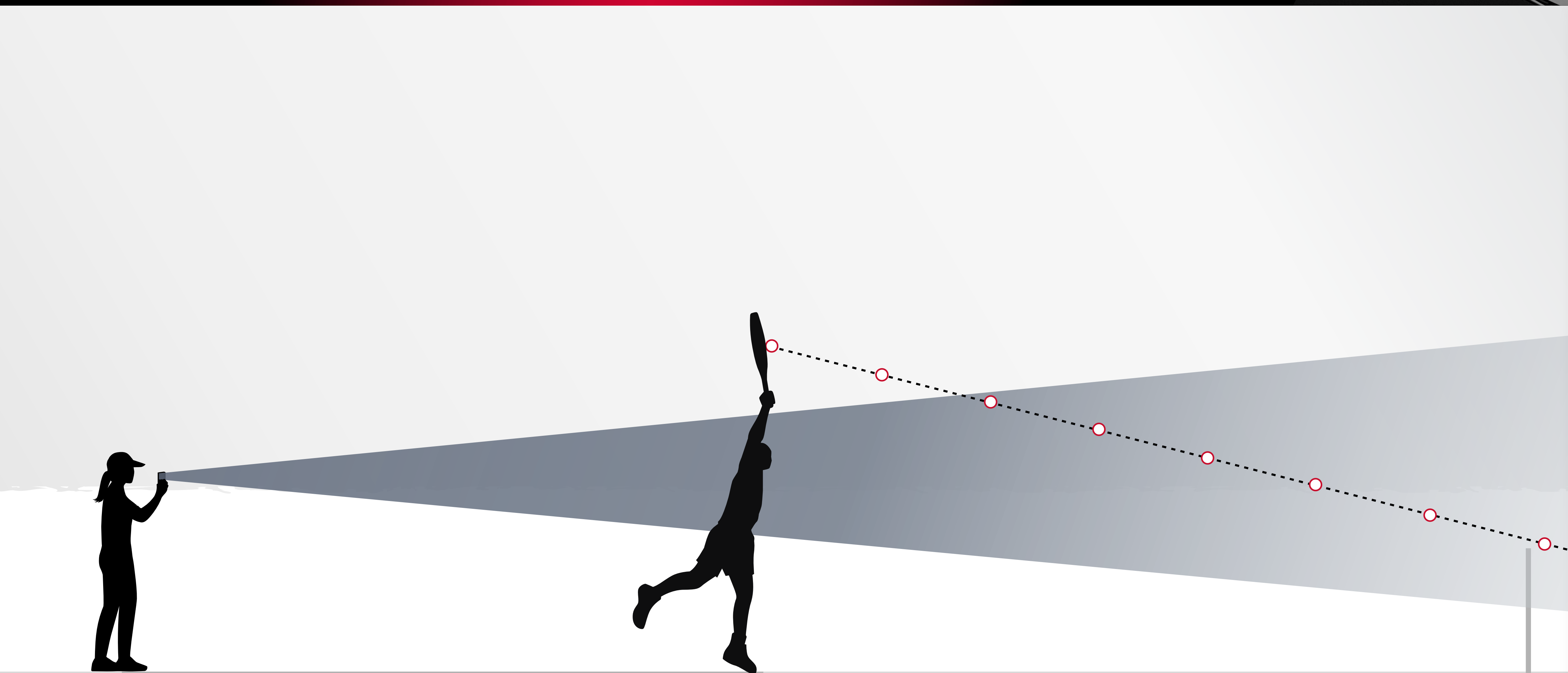
SET-UP INSTRUCTIONS

1. To measure the maximum speed of a tennis serve, it is more challenging to aim the radar properly from behind the server.
2. Move the radar height up, significantly. The height should be higher with a slightly downward tilt, to ensure you capture the point where the ball is making contact with the racket. The radar beam must be aimed direct in line with the path of the ball.

NOTE: Most courts do not have 15-20 feet of distance available behind the server.

IMPORTANT TIPS

1. Radar guns focus radio waves down into a narrow beam, like a flashlight beam. Aim carefully down the beam to get accurate readings.
2. A tennis ball slows down by over 20 MPH from the racket to the bounce due to air resistance.
3. Check for interference by holding down the radar main button and scanning the area when there are no balls in flight.
4. Ensure your set-up is safe to prevent property damage or injury.

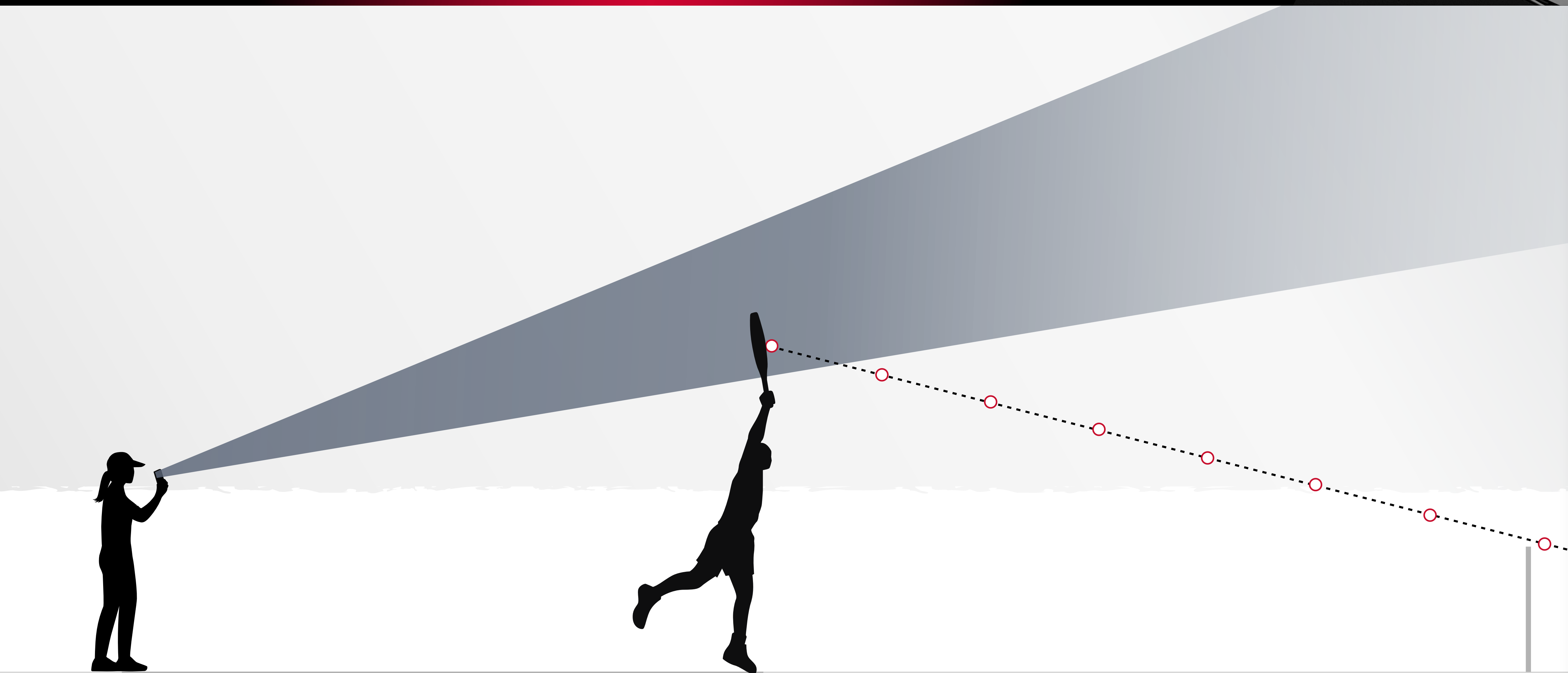


CAUSES OF INACCURATE READINGS

1. To measure the maximum speed of a tennis serve, it is very important to aim the radar properly.
2. The radar needs to be at a higher height than where the ball will be making contact with the racket. The radar beam must be aimed directly in line with the ball.
3. In this example, the ball doesn't enter the radar beam until it has slowed down.

IMPORTANT TIPS

1. Radar guns focus radio waves down into a narrow beam, like a flashlight beam. Aim carefully down the beam to get accurate readings.
2. A tennis ball slows down by over 20 MPH from the racket to the bounce due to air resistance.
3. Check for interference by holding down the radar main button and scanning the area when there are no balls in flight.
4. Ensure your set-up is safe to prevent property damage or injury.



CAUSES OF INACCURATE READINGS

1. To measure the maximum speed of a tennis serve, it is very important to aim the radar properly.
2. If there is an angle between the path of the ball and the radar beam, you will get low readings due to the cosine effect. The radar beam must be aimed directly in line with the path of the ball.

IMPORTANT TIPS

1. Radar guns focus radio waves down into a narrow beam, like a flashlight beam. Aim carefully down the beam to get accurate readings.
2. A tennis ball slows down by over 20 MPH from the racket to the bounce due to air resistance.
3. Check for interference by holding down the radar main button and scanning the area when there are no balls in flight.
4. Ensure your set-up is safe to prevent property damage or injury.