



ARCHERY Aiming for gold

The Olympic competition has been changed to make it more exciting for TV viewers. Archers shoot one elimination round of 144 arrows, 36 arrows at each of four targets. The 32 highest scorers from this qualifying round progress to a head-to-head elimination contest where the number of competitors is halved in each round until the final

Elimination round

July 31: Men shoot at the 90m and 70m targets and women shoot at the 70m and 60m targets. These are 122cm in diameter

August 1: Men and women both shoot at the 50m and 30m targets. These targets are 80cm in diameter

Knock-out competition

August 2 and 3: All competitors shoot at the 70m target

Scoring: Points from 1 to 10 are scored – the gold scoring highest. Arrows passing through or rebounding from the target score if the mark can be identified

Limbs:

Made from laminates, fibreglass or carbon fibre for strength and reliability

Riser:

Made from magnesium

Bowsight

String:

'FastFlight' polyester fibre. It is removed after each shooting session

Stabilisers:

Prevent rotation of bow at the moment of release

Shaft:

Carbon fibre wrapped around aluminium tubing

Nock:

Slotted end rests on string

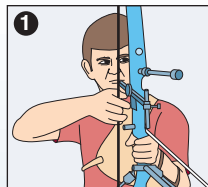
Plastic fletching

Initials on shaft identify archer

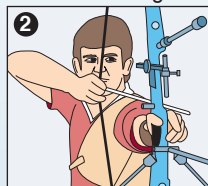
Stabiliser weight

Target values

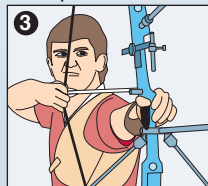
1
2
3
4
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10



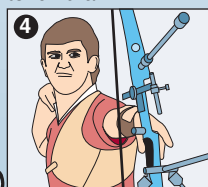
Archer aligns sight on centre of target



Elbow, wrist and arrow form a straight line as draw pressure builds



Strength from back muscles used to pull the bow-string to full draw



Followthrough. Archer maintains position in order not to disrupt flight of arrow