

Esplanade des Invalides

Event  Medal **Limb****RECURVE BOW**

Stores and delivers more energy than straight-limbed bow

ARROW OF CHAMPIONS

Every Olympic title since 1996 won using **Easton X10** arrows

String: Touches limb at each end when bow strung

Straight

Recurve

Target
Distance
70m

ø1.22m

High-strength carbon-fibre bonded to precision alloy core

Polished 9-micron carbon finish

Weight tolerance
0.03g

Diameter
up to 5.6mm

ø122mm

Tapered shaft – wider at point end than nock end, widest in middle

Straightness
± 0.025mm

Draw weight

Men:

22kg

Women: 14kg

Stabilizers


Inertia keeps bow steady, absorbs vibrations

Riser

Lightweight alloy or composite

Mete**Gazoz (TUR)**

Olympic and 2023 World Champion

 110BPM

Live heart rate display to convey stress to viewers

Vibrational behaviour of arrow matches that of recurve bow for optimum accuracy

Vane designed to rotate shaft in flight for speed and stability in motion

Nock