

Basic Detail Report



Mando-cello

Date

1920 ca.

Primary Maker

Vega Company

Description

Stringing: eight steel strings Soundboard: one-piece, quarter-cut spruce: wide grain Back: one-piece mahogany with pressed longitudinal arching Ribs: four-piece mahogany Head: mahogany veneered with rosewood on face; integral with neck Neck: mahogany; integral with head Heel cap: none; integral with back Binding: ivoroid; trim on top comprised of five-ply alternating light and black hardwood strips Fretboard: ebony; 21 nickel-silver frets under top three strings; 20 nickel-silver frets under lowest string; mother-of-pearl dots behind 5th, 7th, 10th,

and 12th frets Nut: bone Bridge: ebony Tailpiece: nickel-plated brass string holder with scalloped cover; attached with three blued steel domed, slot-head screws into lower rib and block Tuners: two pairs of worm-gear tuners with floral-embossed, nickel-plated steel plates, nickel-plated steel rollers and ivoroid heads Rosette: oval soundhole bound with ivoroid; rosette comprised of light and black hardwood herringbone inlay surrounded on each side by red and black hardwood checkerboard inlay Pick guard: imitation-tortoise-shell celluloid with festooned inner and lower edges Lacquer: golden with craquelure Linings: kerfed light hardwood Neck block: mahogany End block: mahogany with beveled edges Top bracing: four lateral spruce braces with dramatically tapered ends, one above soundhole, three below soundhole; spruce graft along center joint Back bracing: three lateral spruce braces with tapered ends, one opposite soundhole, two in lower bouts

Dimensions

Total mandocello length: 987 mm (38-29/32") Back length: 509 mm (20-1/32") Upper bout width: 191 mm (7-1/2") Center bout width: 183 mm (7-7/32") Lower bout width: 363 mm (14-9/32") Rib height (including edging) at heel: 71 mm (2-13/16") Rib height, at lower bout: 59 mm (2-11/32") Rib height, at bottom: 83 mm (3-9/32") Head length: 164 mm (6-15/32") Head width, top: 78 mm (3-3/32") Head width, bottom: 65 mm (2-9/16") Neck length (nut to ribs): 329 mm (12-31/32") Neck width, nut: 39 mm (1-17/32") Neck width, heel: 52 mm (2-1/16") Soundhole height: 61 mm (2-13/32") Soundhole width: 89 mm (3-1/2") Vibrating string length (nut to bridge edge): 660 mm (26")