

Basic Detail Report



Mandolinetto

Date

1893-1907 ca.

Primary Maker

Harwood

Description

Stringing: eight steel strings in pairs Soundboard: two-piece, quarter-cut spruce: narrow grain broadening to medium at the flanks Back: one-piece rosewood Ribs: rosewood Head: mahogany veneered with rosewood on face; integral with neck; volute on back of neck at head position Neck: mahogany; integral with head; V-shaped profile Heel cap: black tropical hardwood, possibly ebony; set in from back Binding: ivory celluloid on top with trim comprised of angled light, dark, red-stained, and green-

stained hardwood blocks of various widths surrounded on each side by red-stained hardwood strips; ivory celluloid on back with no trim Fretboard: ebony bound with ivory celluloid, with black wood trim on sides of neck; 17 nickel-silver T-frets; single mother-of-pearl dots behind 5th, 7th, 10th, and 12th frets; mother-of-pearl strip engraved "HARWOOD" behind 16th fret Nut: bone Bridge: ebony; bone inlaid strip Tailpiece: nickel-plated brass string holder with engraved cover; attached with three domed, slot-head screws into lower rib and block Tuners: two pairs of worm-gear tuners with steel plates and brass rollers and black celluloid heads Rosette: oval soundhole bound in ivory celluloid with rosette comprised of trim comprised of angled light, dark, red-stained, and green-stained hardwood blocks of various widths surrounded on each side by red-stained hardwood strips, light hardwood strips, alternating light and dark hardwood blocks, and dark hardwood strips Pick guard: imitation-tortoise-shell celluloid with scalloped lower outline, inlaid with abalone and mother-of-pearl eagle holding two light, blue-stained, and red-stained hardwood American flags Varnish: orange with craquelure on top; transparent elsewhere Linings: kerfed mahogany Neck block: mahogany with beveled corners End block: mahogany with beveled corners Top bracing: three mahogany braces with tapered ends at upper, center and lower bouts Back bracing: three mahogany braces with tapered ends at upper, center and lower bouts Grafts: mahogany Other: circular saw marks visible on inside of sides

Dimensions

Total mandolin length: 562 mm (22-1/8") Back length: 265 mm (10-7/16") Upper bout width: 139 mm (5-15/32") Waist width: 119 mm (4-11/16) Lower bout width: 194 mm (7-5/8") Rib height (including edging) at heel: 56 mm (2-3/16") Rib height, at waist: 62 mm (2-7/16") Rib height, at endpin: 65 mm (2-9/16") Head length: 146 mm (5-3/4") Head width, top: 67 mm (2-5/8") Head width, bottom: 52 mm (2-1/16") Neck

length (nut to ribs): 157 mm (6-3/16") Neck width, nut: 30 mm (1-3/16") Neck width, heel: 37 mm (1-15/16") Soundhole height: 47 mm (1-27/32") Soundhole width: 70 mm (2-3/4") Vibrating string length (nut to bridge edge): 338 mm (13-15/16") Scale length: 334 mm (13-5/32")