

Basic Detail Report



Violin

Date

2010 December 2 to 2011 February 7

Primary Maker

David Lloyd Rivinus

Description

Alternate violin design with modified outline and playing angles for ergonomic facility. Top: two-piece, quarter-cut spruce: fine grain broadening to wide on the bass side; maple veneer rectangles with cut corners glued to top under bridge feet and varnish Back: two-piece, quarter-cut maple: narrow, horizontal curl; maple pin through back into top block on bass side of center joint; maple pin through back into bottom block on treble side of center joint Ribs: quarter-cut maple: prominent, narrow curl, angled to left on treble side and right on bass side Head and neck: maple: broad curl Varnish: orange Fingerboard: black phenolic resin; decoratively cut and angled lower

end Nut: white Corian Tailpiece: mesquite; decoratively cut outline; parchment pieces glued in front of each string slot in lieu of saddle Tailgut: black plastic Pegs: Knilling Perfection Pegs with planetary mechanism, black plastic stems and decoratively cut mesquite heads Saddle: white Corian Endpin: decoratively turned mesquite F-holes: decoratively cut and non symmetrical; additional small decoratively cut soundholes in upper bass and lower treble bouts Linings: spruce Corner blocks: spruce Top block: spruce Bottom block: spruce Bassbar: laminated spruce with mesquite center strip Bridge: laminated maple-mesquite-maple; alternate design

Dimensions

Total violin length: 590 mm Back length: 357 mm Upper bout width: 167 mm Center bout width: 110 mm Lower bout width: 206 mm Upper rib height: 28-35 mm Center rib height: 25-33 mm Lower rib height: 22-31 mm Stop length, bass side: 192 mm Vibrating string length: 319 mm Neck length (bottom of nut to ribs, bass side): 136 mm