Gmail [redacted]

Measurements for the Olds Super

1 message

Helen Kahlke [redacted] Sun, Dec 10, 2017 at 11:15 AM
To: [redacted]

David, would it be possible for you to get the following measurements for the Olds? This should let us know if it was made by Martin or not. This was suggested by a fellow who owns a vintage sax shop in Oregon.

- Get tube diameters from the receiver down to the bow/tube ferrule (measured from the center of several toneholes...I usually do the tube where it meets receiver socket piece; then at centerline of Bis hole, the G hole, the F hole, the E hole)
- Get bow height. bm end = 12.8mm / .5" 10mm / .4"
- Get the bow outside diameter. bm = 60mm / 2.366" Lg = 72.38 - 72.98 mm 2.849" - 2.873"
- Get the interior distance between the bow legs (i.e. how much space is there between vertical interior walls of bow).
- Get diameter of the bow/bell ferrule. 73.5mm / 2.933" 29.86mm / 1.18"
- Get the belltube diameter at the centerline of B hole. 76mm / 2.992"
- Then of course the bell lip diameter. 151.84mm / 5.978"
- Then get the interior diameters of around a half-dozen toneholes.
- Get the length of the body tube from receiver to bow/tube ferrule.

ferrule to receiver = 24 3/16"
actual body length = 24 1/4"

Then the neck.

- Get the interior diameter of the mouthpiece end, 12.9mm / 0.0508"
- the tenon exterior diameter, 28.65 / 1.125
- the tenon height to tenon ferrule, and 21.42 / 0.843
- the length of the neck (I usually do this by holding a string tight to the curve of neck, along underside, then mark string then measure the string). 25.5 / 10" incl. receiver 22.2 / 8.75" to ferrule

C = 12.8mm / 0504"
b = 25.93mm / 1.021"
bb = 18.63 / 0.734
a = 25.30 / 0.995
g = 29.48 / 1.161

g# = 23.00mm / 0.905"
F# = 25.88mm / 1.019"
F = 34.43 / 1.355"
E = 31.18 / 1.226"
D = 39.12 / 1.540"