

Riedel, Josef Ignaz, 8 key bassoon; Riedel1-O-Reil

Complete Project Title: Riedel1-O-Reil-Wg1-WOB-DNM

Josef Ignaz Riedel, (b. 1773) fl Grasnitz c1790-1821

Literature: Dullat, Günter. *Verzeichnis der Holz- und Metallblasinstrumentenmacher auf Deutschsprachigem Gebiet von 1500 bis Mitte des 20. Jahrhunderts*. Scheider, 2010.

Waterhouse, William. *The New Langwill Index*. Tony Bingham, 1993.

Location: Reil Collection, Stuttgart, Germany

Measured 11 March 2022, 4 February 2024

8 Key; Ab (on small bore), F#, Eb left thumb; 2 wing keys.

Yes; Swallowtail F key touch

No; Two-piece saddle on F key flap and touch

No; Two-hole boot joint system

No; Military bell

No; Bell flare

No; Bell crown

No; Bell chamber

No; Tone hole on bell

No; Platform on long joint [integral wood blocks on long joint]

Dated; No,

Notes: 1. Bassoon made other wood? Probably not maple

2. Only keys on boot in brass saddles

3. Wing and long joint keys in integral wood blocks

4. Finger holes show slight wear

5. Long joint tone holes have been undercut

6. Long joint tone holes have been flattened

Standing Height; Bell, long joint, boot 118.3cm
[meas. with boot cap off]
Wing and boot 89.5cm meas. with boot cap off

Stamps found only on boot

Measurements not included on Data file

Ab tone hole [small bore] 4.5mm diameter
315mm from boot joint socket
Drilled straight toward small bore
7.5mm length, insert extends into bore

F# key [right thumb] 6.3mm diameter
269mm from large boot socket
Drilled downward toward large bore
20.5mm length

Eb tone hole [left thumb]	11.7mm; oblong 14.0 x 9.3 121mm from small long joint tenon 5.0mm length
Undercutting on long joint	Yes, a great deal on long joint
Boot joint small socket depth	43.4mm
Boot joint large socket depth	43.8mm
Cronin Meas.	340mm vrfd long
Wing thickness across E [II] tone hole	44.0mm