

Wietfelt, Gottlieb, 4 key bassoon; WietfeltG1-O-Waterhouse

Complete Project Title: WietfeltG1-O-Waterhouse-Wg1-WOB-DNM

Philipp Gottlieb Wietfelt, Burgdorf (1706-1768)

Literature: Dart, Mathew. *The Baroque Bassoon: form, construction, acoustics, and playing qualities*. PhD thesis, London Metropolitan University, 2011. pp. 211-219, 491-500.

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: Waterhouse Collection, UK

Measured 17 May 2013

4 Key: Ab (on small bore)

Yes; Swallowtail F key touch

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

Yes; Two-hole boot joint system

No; Military bell

No; Bell flare

Yes; Bell crown

Yes; Bell chamber

No; Tone hole on bell

Yes; Platform on long joint

Dated; No

Notes; 1. All keys in integral wooden blocks

2. Flat profile to boot joint

3. Dart Type 2c

Standing Height; Bell, long joint, boot 128.0 cm

Wing and boot 94.0 cm

Stamps: Wing, boot, long joint, bell

Measurements not included on Data file

Ab tone hole 5.4 mm
322 mm boot joint socket
Drilled straight down

Boot joint small socket depth 38.2mm
Boot joint large socket depth 42.0mm bottom of sockets are a bit rotted

Cronin Meas. 351 mm

Wing thickness across E [II] tone hole 40.2mm