

**Adler, Frédéric Guillaume, 10 key bassoon; AdlerFG3-O-Reil**

Complete Project Title: AdlerFG3-O-Reil-Wg1-WOB-DNM

Adler, Frédéric Guillaume. (d.1854) *fl.* Paris c.1808 to 1854

Literature: Haine, Malou. *Les facteurs d'instruments de musique à Paris au 19e siècle*. Université de Bruxelles, 1984.

Hofer, Achim, et al. *Lexikon der Holzblasinstrumente*. Laaber, 2018.

Pierre, Constant. *Les Facteurs D'Instruments de Musique: Les Luthiers et la Facture Instrumentale*. Paris, 1893, pp. 300,301.

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

Location: Reil Collection, Stuttgart, Germany

Measured 2 June 2019, 4 Feb 2024

10 Key: Ab (on large bore), Eb left thumb, Db left thumb, low C flap, F#, 2 wing keys

No; Swallowtail F key touch

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

No; Two-hole boot joint system

No; Military bell

Yes; Bell flare

No; Bell crown

No; Bell chamber

No; Tone hole on bell

Yes; Table on long joint

Dated; No

Notes:

1. All keys in brass saddles
2. Wing is stamped with a number 1  
AdlerFG6 wing is stamped with a number 2, AdlerFG3-O-Reil is stamped a number 1; AdlerFG3 wing is longer at 504mm, whereas AdlerFG6 wing is 495mm. This length difference accounts for some the measurement differences.
3. F (I) tone hole filled then re-bored
4. Tone hole surfaces under flaps rounded like modern basn. on all joints
5. Keys have one line on bottom of key, see photos
6. Long joint probably had a lyre holder, missing
7. Seems to be a Vichy sale label from 15/06/02 #278
8. Flap over Low D tone hole means that the tone hole can be larger than if closed by thumb
9. Instr. played a great deal, finger holes very worn
10. Wing joint totally rotted out from a great deal of playing.  
At wing finger holes, bore is oblong, see bore photos  
Could only meas. with rods along one axis
11. Different linkage between touches and flaps; no pin, a sort of lever; see photos

Standing Height; Bell, long joint, boot 126.5cm

Wing and boot 88.8cm  
[subtracted 1mm since wing feral not totally down onto wing]

Stamps on all joints: Wing, boot, long joint, bell; crown and star at bottom  
Long joint stamp: Under Alder; RUE MANDAR [MANDAH??]  
Wing stamped with a number 1

#### Measurements not included on Data file

Ab tone hole, on large side 9.0mm diameter  
360mm from boot socket  
Drilled with a slightly down and  
over to large bore  
16.6mm length

Eb tone hole 8.0mm diameter  
123mm from small long joint tenon  
4.5mm length

Db tone hole 9.0mm diameter  
402mm from small long joint tenon  
6.5mm length

F# tone hole 6.2mm diameter  
290mm from boot socket  
21.0mm length

Undercutting on long joint Yes, a great deal in long joint

Boot joint small socket depth 48.6mm  
Boot joint large socket depth 50.3mm

Cronin Meas. 328mm

Wing thickness across E [II] tone hole 49.9mm, long épaule