

Alto flute, G

Date

1972-1977 ca.

Primary Maker

Altus

Description

3 sections: headjoint, one-piece body and barrel, and foot joint. Two headjoints: one straight, one curved. Cylindrical Boehm system with closed holes. Silver-plated brass body and keywork. Sterling silver embouchure plates. Mother-of-pearl-like resin touch-pieces on plateau keys. Drawn tubing and toneholes. 16 touchpieces. Offset G. Closed G-sharp. Briccialdi B-flat key. Split E mechanism. C-sharp trill. C-foot. Betty Bang Mather, flute professor at the University of Iowa, premiered "Hara," written by Harvey Solberger and dedicated to her, on this flute. Betty Bang Mather (b. 1927) began her career in the early 1950s as one of the few women in the male-dominated world of flute players. By accepting a job at the University of Iowa in 1952, she also became one of the first full-time, college-level flute instructors in the U.S. Mather was a true scholar, writing and lecturing about music education, the flute, and baroque and classical music. She retired from the university in 1996.

Dimensions

Overall length (with straight head, from top of head to bottom of flute, excluding end cap): 848mm Sounding length (with straight head, from middle of embouchure hole to bottom of flute): 780mm Straight head: 215mm Curved head (approximate): 211mm Body: 460mm Foot: 174mm Inner bore at top of head, cap removed: 21.4mm Inner bore at bottom of head tenon: 25.5mm Inner bore at bottom of body tenon: 25.3mm Inner bore at bottom of foot: 25.4mm Straight head embouchure hole diameter



(length X width): 12.9mm X 11.3mm Curved head
embouchure hole diameter (length X width): 13.0mm X
11.1mm (excluding tenons)

