Build Specification Record

PINEAPPLE TENOR UKULELE · DESIGN AND MATERIALS

Keep with the instrument
for future reference

BUILD IDENTIFICATION

BUILDER NAME	BUILD NO.	START DATE	COMPLETION DATE

COURSE / WORKSHOP	INSTRUCTOR	INSTRUMENT NAME / SERIAL

DESIGN OVERVIEW

BODY SHAPE / SIZE	SCALE LENGTH	NECK JOINT
Pineapple tenor — 12 in body, 9 in lower bout, 2-3/4 in deep	17 in (431.8 mm)	Dowel joint — 2 × 3/8 in dowels
TOTAL FRETS	**NECK JOINS BODY AT FRET**	**SOUNDHOLE DIAMETER**
19	14th	2-9/16 in (65.1 mm)

CORE MATERIALS AND CONSTRUCTION

BODY AND BRACING		
COMPONENT	**SPECIES / MATERIAL**	**NOTES**
Soundboard		
Back		
Sides		
Top braces	Spruce	UTB, MTB, 3 fan braces, 2 soundhole reinforcements
Back braces		Two transverse braces (plan)
Bridge plate	Spruce top cutoff	1-1/8 × 5 × 3/32 in rough
Neck block		2 × 1-1/4 × 2-3/4 in (plan)
Tail block		
Kerfing / linings	Kerfed lining	
Bracing pattern	Fan-braced top; transverse-braced back	

NECK, FINGERBOARD AND HARDWARE		
COMPONENT	**SPECIES / MATERIAL**	**NOTES**
Neck		
Fingerboard		
Bridge		
Nut	Bone	
Saddle	Bone	
Frets / fretwire		
Headplate		
Tuning machines		
Tuner buttons		
Strings / tuning		gCEA (tenor tuning)

APPOINTMENTS (OPTIONAL UNLESS SPECIFIED BY THE CLASS PLAN)

BODY APPOINTMENTS		
Top binding	None (class build)	
Back binding	None (class build)	
Top purfling		
Back strip / inlay		
End graft / endpiece		
Rosette style	None (class build)	
Rosette material	None	

NECK AND HEADSTOCK APPOINTMENTS		
Fingerboard binding		
Fingerboard inlay		
Side dots		
Headstock binding		
Headstock inlay / logo		
Heel cap		
Pickup / electronics		

FINISH AND ADHESIVES

AREA / OPERATION	PRODUCT / SYSTEM	COATS, SHEEN, OR NOTES
Top finish	TruOil	8–10 thin coats; no pore filler on the soundboard
Back / side finish	Aqua Coat grain filler, then TruOil	Filler applied in class; TruOil at home
Neck finish	Aqua Coat grain filler, then TruOil	Filler applied in class; TruOil at home
Adhesives used	Titebond Original	Chosen for reversibility

Builder initials: _____

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PINEAPPLE TENOR UKULELE · MEASUREMENTS AND RESULTS

Instrument / serial _____

FINAL PLATE AND BODY DIMENSIONS

PART	FINAL MEASUREMENT	DATE / STAGE	MEASUREMENT NOTES
Top plate thickness	_____ in / _____ mm		
Back plate thickness	_____ in / _____ mm		
Side thickness	_____ in / _____ mm		
Body depth at neck	_____ in / _____ mm		
Body depth at tail	_____ in / _____ mm		

NECK, FINGERBOARD AND ALIGNMENT

FINGERBOARD WIDTH AT NUT	FINGERBOARD WIDTH AT BODY	NECK THICKNESS AT 1ST FRET
NECK THICKNESS AT BODY	NECK ANGLE / ALIGNMENT	BRIDGE LOCATION CHECK

OPTIONAL DEFLECTION AND TONE TESTING

PANEL	STAGE	METHOD / SUPPORT SPAN / LOAD	DEFLECTION	TAP NOTE / FREQUENCY	CONDITIONS
Top	Unbraced		_____ in / _____ mm	_____ note / _____ Hz	
Top	Braced		_____ in / _____ mm	_____ note / _____ Hz	
Back	Unbraced		_____ in / _____ mm	_____ note / _____ Hz	
Back	Braced		_____ in / _____ mm	_____ note / _____ Hz	

For useful comparisons, record the same support spacing, load, measurement point, room conditions, and tapping method each time. Mark “N/A” when testing is not performed.

OPTIONAL ASSEMBLED-INSTRUMENT OBSERVATIONS

AIR RESONANCE · NOTE / HZ	TOP RESONANCE · NOTE / HZ	BACK RESONANCE · NOTE / HZ
TEST METHOD / MICROPHONE	ROOM CONDITIONS	TEST DATE

FINAL SETUP

ACTION AT 1ST FRET	ACTION AT 13TH FRET	NUT SLOT CLEARANCE
SADDLE PROJECTION / HEIGHT	STRING SPACING AT NUT	STRING SPACING AT BRIDGE
INTONATION OBSERVATION	COMPLETED WEIGHT	SETUP / STRING-UP DATE

BUILD NOTES AND OBSERVATIONS

Builder initials: _____