

jane doe

2026-03-20

Female

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AUTHENTIC ROCKER *by John*

CUSTOM FIT REPORT — WOODWORKING BY JOHN LLC, LEXINGTON SC

SEAT	ROCKER RADIUS	ROCKER BLADE LENGTH	ROCK PERIOD
15.13" H x 20.50" W x 14.75" D	39.00"	37.85" (+0" / -2")	1.27s

WOOD SPECIES	FINISH	PAINT COLOR	CUP HOLDER	TENONS
Quarter Sawn White Oak	Painted, oiled & sealed	black over red	Coffee Mug Style	Flush

BODY MEASUREMENTS

Seat to Top of Head	34"	Seated upright, seat surface to top of head
Elbow to Bottom (Seat)	9.5"	Shoulders relaxed, seat to bottom of elbow
Elbow to Base of Fingers	16"	To where fingers meet palm, NOT fingertips — used for cupholder placement
Distance Between Palms	18"	Outer edge of one palm to the other, arms resting at 90°
Back of Knee to Back of Rear	15"	Thigh depth: buttocks to back of knee
Back of Knee to Floor	16"	No shoes. Floor to crease behind knee
Hip Width (Seated)	18"	Widest part of hips/lap while seated
Shoulder Width	22"	Outside edge to edge across shoulders
Lumbar Curve Height	11"	Seat surface to deepest inward curve of lower back
Upper Back Curve Height	27"	Seat surface to outward curve between shoulder blades

✓ CHAIR DIMENSIONS

SEAT

Seat Height	15.13"	
Seat Width (btwn rear posts)	20.50"	
Seat Width Front (btwn front posts)	21.50"	
Seat Depth	14.75"	
Front Edge @ Neutral (check)	16.41"	$SeatH + \sin(\text{tilt}) \times (D/2) \leq Popl + 0.5"$ ✓
Seat Tilt	10.00°	
Overall Height (approx)	43.86"	
Overall Width	34.50"	$FrontW + 2 \times ArmW - 1"$ (Mug arms 7")
Slat Width (each)	1.50"	rules default
Slat Count	6.00	rules default
Slat Spacing (gap)	1.75"	(6 slats @ 1.5" ea)
Slat Pitch (c-to-c)	3.25"	

BACKREST

Backrest Height	31.00"
Backrest Angle	101.00°
Lumbar Peak (inward)	11.00"
Upper Back Curve (outward)	27.00"

ARMRESTS

Armrest Height	9.25"	
Armrest Length	14.75"	
Armrest Width	7.00"	Mug style (from CHAIR OPTIONS)
Cupholder Reach	16.00"	Elbow to base of fingers

ROCKERS

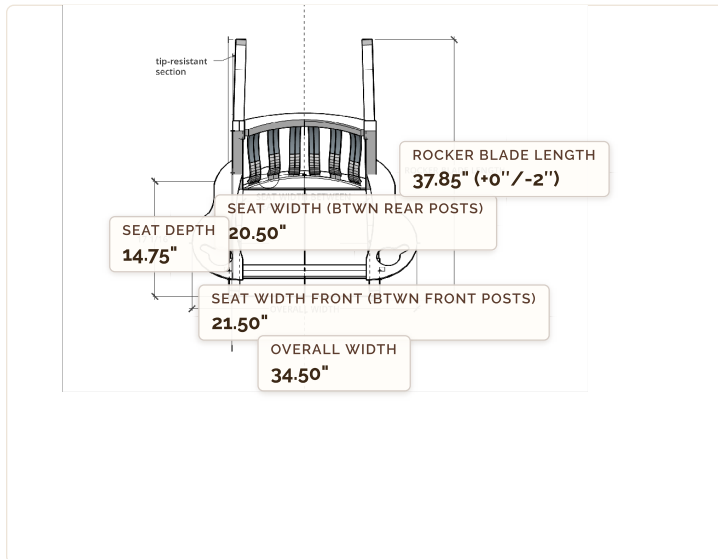
Rocker Radius	39.00"
Rock Period	1.27s
Rocker Blade Length	37.85" (+0" / -2")

ENGINEERING DRAWINGS

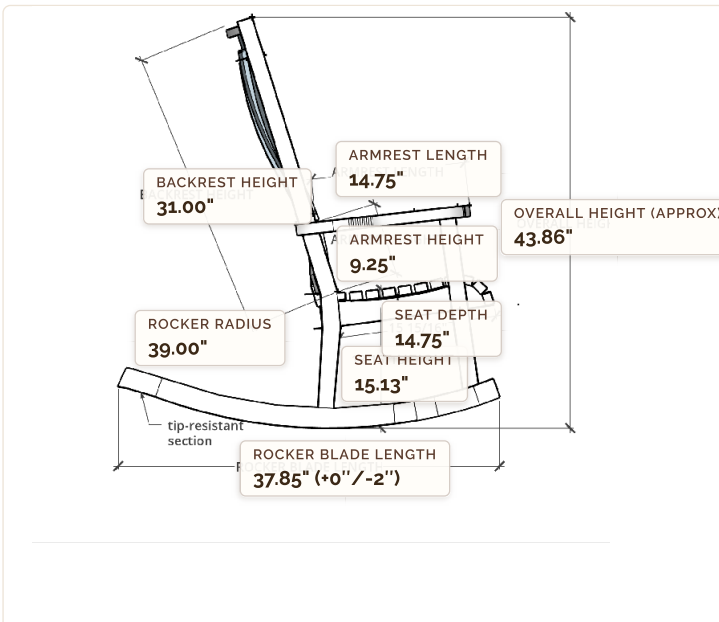
3D ISO VIEW



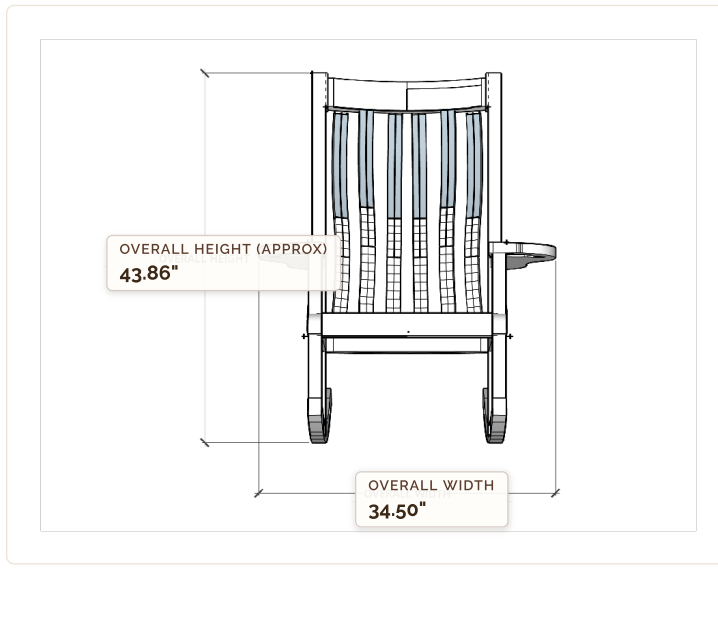
TOP VIEW



SIDE VIEW



FRONT VIEW



Drawings are for illustrative purposes only and are not to scale.