

Sonex Weights

Owner	Serial #	Engine	Config	Finish	Left	Right	Tail /Nose	Empty Weight	Arm	Moment	Notes	Sonex/ Waix
Sonex	1	Jab 2200	TD					558			Center Stick, No Tail Tips	Sonex
Sonex	2	Jab 2200	TriGear					596			Center Stick, No Tail Tips	Sonex
Sonex	1.1	Jab 3300	TD					612			Dual Stick	Sonex
Sonex	4	VW	TriGear					639			Dual Stick	Sonex
George Cotter	5	Jab 2200	TD					562				Sonex
Dave Fortuna	18	Jab 2200	TD		287	292	34	613			Center Stick	Sonex
Jim Orbison	22	VW	TD					644			Dual Stick	Sonex
Charles Peterson	30	Jab 3300	TD	Paint				674.5			Center Stick	Sonex
Tony Spicer	32	Jab 3300	TD	Polish	315	322	34	671	63.97	42926	Dual Stick	Sonex
Hugh Beckham	50	Jab 2200	TD		288	284	34	606			Dual Stick	Sonex
John Schaefer	53	Jab 2200	TD	Polish				561			Center Stick	Sonex
Bob Adams	71	Jab 2200	TriGear	Polish	241	254	130	625			Dual Stick	Sonex
Dick Fisher	76	Jab 3300	TD	paint/polish	315	315	35	665			Dual Stick	Sonex
Gary Johnson	77	Jab 2200	TD	Polish			40	625	65.75		Dual Stick	Sonex
Dan Villager	93	Jab 3300	TD		315	322	36	673	64.31	43279		Sonex
Ron Wood	94	Jab 2200	TriGear	Polish	244	250	145	639			Center Stick	Sonex
Alvie Johnson	102	Jab3300	TD					620				Sonex
Jeff Coffey	107	Jab 2200	TD	Polish				611			Dual Stick	Sonex
Robin Stanton	121	Jab 3300	TD	Paint				669.5			Dual Stick	Sonex
Mervin Friesen	122	Jab 2200	TD	Paint				646	65.1	42055	Dual Stick	Sonex
Heinmiller	134	Jab 2200	TD		286	288	37.5	611.5	65.49	40044		Sonex
Lynn Jarvis	143	Jab 2200	TD	paint/polish	275	276	37	588	65.86	38728.75	Dual Stick (See Footnotes Below)	Sonex
Bill Sargent	160	Jab 2200	TD	Paint			37	624				Sonex
Charlie Radford	168	VW	TD	Polish				662			Dual Stick	Sonex
Marty Smiltneek	173	Jab 3300	TD		308	309	37.5	654.5			Dual Stick	Sonex
Bob Mika	178	VW	TD	paint/polish	315	314	35	664			Dual Stick	Sonex
Dan Weseman	183	Corvaire			333.5	333.5	28	695	62.58	43495		Sonex
Ben Graber	184	Jab 3300	TD	Paint				637	63.78		Dual Stick	Sonex
Gerald Jackson	204	Jab 2200	TD	paint/polish	280.4	282.2	47.3	609.9			Dual Stick (See Footnotes Below)	Sonex
Jeffrey Larson	206	Jab 2200	TD	Polish	301	302	32	635	65.45	41565	Center Stick (See Footnotes Below)	Sonex
Kristin Thorud	210	Jab 2200	TD	paint/polish				602			Center Stick	Sonex
Paul O'Donnell	213	Jab 2200	TD	Paint				620.5			Center Stick (See Footnotes Below)	Sonex
Todd Agold	214	Jab 2200	TD	paint/polish				609			Dual Stick (See Footnotes Below)	Sonex
Ian Clark	223	Jab 3300	TD	Polish	312	321	45	663	64.24		Dual Stick	Sonex
Rasmussen	224	Jab 2200	TD		285	294	41	620	65.95	40887		Sonex
Robert Frost	232	Jab 3300	TD		311	317	35	663			Dual Stick	Sonex
Eric Scheffers	250	Jab 3300	TD	Paint				645			Dual Stick	Sonex
Dubrouillet	259	Jab 2200	TD		283	290.5	43	616.5	64.4	39705		Sonex
Tom Wormsley	270	VW	TD					635.1			Dual Stick	Sonex
Rob Barber	271	Jab 3300	TD	Paint				652			Paint added 14lbs	Sonex
Rob Barber	271	Jab 3300	TD					638			Glass Panel	Sonex
Michael Crowder	293	Jab 3300	TD	Paint				741	63.39		Dual Stick, BMA EFIS, AP, etc (was TriGear)	Sonex
Michael Crowder	293	Jab 3300	TriGear	Paint	277.8	264.6	196.8	739.2	63.49	46930	Dual Stick, Lots of Gadgets, Paint added 14 lbs	Sonex
Gary Wright	297	VW	TriGear	Paint				688			single stick, minus the wheel Pants	Sonex
Rich Kindig	304	Jab 3300	TriGear					639				Sonex
Bruce Harrington	321	Jab 3300	TD	Polish				635			Dual Stick	Sonex
Sam Pavel	346	VW	TD	Polish				615			Dual Stick	Sonex
Riley Kennedy	355	Jab 3300	TD	paint/polish				684			EFIS/5.00x5 Tires, SamJames Pants, OregonAero Seats	Sonex
Gary Loubert	352	Jab 3300	TD		323.3	322.5	33	678.8	63.55	43140		Sonex
Gus Schlegel	385	Jab 2200	TD	paint/polish	288.5	290.5	40.5	619.5	64.79	40139		Sonex
Tom Zelle	429	VW	TriGear	Polish	226	229	153	608	65.06	39555	Dual Stick (See Footnotes Below)	Sonex
Wayne Daniels	444	Jab 3300	TD		325	311	38	674	64.88	43730		Sonex
Tony Lewis	447	VW	TriGear	Polish	247	260	170	677	57043.5 to 68909.6		Dual Stick	Sonex
Steve Pettyjohn	451	Jab 2200	TriGear	Polish	233	244	142	620			Dual Stick	Sonex
Harold Olson	478	VW	TriGear					654			Dual Stick (See Footnotes Below)	Sonex
Irwin	514	VW	TD		308	306	36	650	66.55	43259		Sonex
John Davis	523	Jab 3300	TriGear	Polish				669			Center Stick	Sonex
Dale Williams	533	VW	TriGear	paint/polish				647			Center Stick	Sonex
Bob Vossman	550	Jab 2200	TriGear	Polish	247	242	140	629	65.86		Center Stick (6lbs in Nose Strut)	Sonex
Ruggles	557	Jab 3300	TD		313	319	35	667	64.95	43.321		Sonex
Alan Purdy	600	Jab 3300	TD	paint/polish				683			Dual Stick, (See Footnotes Below)	Sonex
Jeff Shultz	604	VW	TD	Paint	292	313	43	648			Dual Stick	Sonex
Hardaway	637	VW	TD		300.4	312.4	34.1	647	63.81	41286		Sonex
Russell Hall	747	VW	TriGear	paint/polish				647			Dual Stick	Sonex
Chris Williams	732	VW	TD	Paint				667	64.6	43088.2	Dual Stick	Sonex
Jim Ballenger	760	Jab 2200	TD	paint/polish	300	300	37	637			Dual Stick	Sonex
Jim Ballenger	760	Jab 2200	TriGear	paint/polish				656			Dual Stick, Converted from TD	Sonex
Gus Schlegel	770	Jab 3300	TD		314	327	34	675	64.17	43317		Sonex
Garth Knowles	832	Jab 3300	TD					674			Dual Stick	Sonex
Jack Leidenheimer	872	VW	TD					661			Extensive Panel Fully Dressed	Sonex
Loren Otto	919	Jab 2200	TD	paint/polish				615			EFIS, 6-Blbs of Sound Deadening Mtrl, Custom Upholstry	Sonex
Frank Basile	947	VW	TriGear	Paint	259	264	169	692			Dual Stick Full Paint	Sonex
Bob Meyers	982	VW	TriGear	Polish	267	249	177	693	64.1	44379	Dual Stick	Sonex
George Painter	1020	VW	TD	paint/polish				659			Dual Stick, MGL, Garmin, (See footnotes Below)	Sonex
Bob Carson	1033	Jab 3300	TD	paint/polish	338	333	30	701			Dual Stick	Sonex
Pete Pearson	1051	Jab 3300	TD	paint/polish	325	318	35	678			Dual Stick	Sonex
Mark Norgate	1070	VW	TriGear	Paint	241	251	147	640.4			ST	Sonex
Jay Gibbs	1230	VW	TriGear					647			Dual Stick	Sonex
Russ Halverson	1292	VW	TD	paint/polish	310	319.5	33.5	663			Dual Stick	Sonex
David Amsler	1327	Jab 3300	TD	paint/polish				720			Single Stick (See Footnotes Below)	Sonex
Dave Bean	W16	VW	TD	Paint			35	670			Dual Stick	Waix
Charles Reiche	W21	Jab 3300	TD	paint/polish				707	64.28		Dual Stick, Leatherett Interior, D180, SL30, GTX327, VP50, ELT, DC Intercom	Waix
Sosthene Berger	W26	Jab 3300	TD	paint/polish				677			Dual Stick	Waix
Don Gum	W37	VW	TriGear	Paint				678			Dual Stick, Enigma, Radio, ELT, Xponder	Waix
Peter van Schalkwyk	W38	VW	TriGear	Paint				713			Dual Stick, Enigma, MGLV10, AP Servos	Waix
John Murr	W55	Jab 3300	TD	paint/polish	312	312	41	666	62.9	41919	Dual Stick, Enigma, Radio, ELT, Xponder, after SB	Waix
Jim Pensinger	W69	VW	TD		322	306	44	672	66.2	44497	Dual Stick, See Notes.	Waix
C Glenn Brown	W75	VW	TriGear	Paint	261	255	155	671			Dual Stick, Enigma, MGLV10, Flipback Canopy Updated after Waix SB	Waix
Kip Laurie	W82	Jab 3300	TD	Paint	327	325	41	693	64.9	44980	Dual stick/leather interior/Dynon D180/Becker radios/entirely alodined/wheelpants	Waix
Average Empty Weight (89):								649.89	MAX: 741		MIN: 558	
Average TriGear Weight (23):								656.81	MAX: 739.2		MIN: 596	
Average Taildragger Weight (66):								647.47	MAX: 741		MIN: 558	
Average Jab 3300 Weight (32):								672.45	MAX: 741		MIN: 612	
Average Jab 2200 Weight (27):								613.14	MAX: 656		MIN: 558	
Average VW Weight (28):								658.98	MAX: 713		MIN: 608	
Average Corvaire Weight (1):								695.00	MAX: 695		MIN: 695	
Average Waix Weight (9):								683.00	MAX: 713		MIN: 670	
Average Painted Weight (20):								670.46	MAX: 739.2		MIN: 620.5	

Footnotes:

Sonex #143	Weight includes oil, no fuel, seat cushions & floor mats, all instruments. Other notes, the entire inside is primed with a thin coat of single pack etch primer. To keep it light, the external paint underneath and inside the cockpit is simply clear acrylic over grey primer. Colored areas are actually quite small relative to the total, the rest is polished. I was worried about ending up tail heavy so kept the aft of the fuselage and aft section of the wings polished. Everything built to plans, minimal upholstery, single stick, light electronic instruments and of course the Jab 2200.
Sonex #429	Weight includes oil, cushions, Stratomaster, Microair com, wheel pants, main gear fairings.
Sonex #213	Jabiru 2200, center stick, conventional gear (tailwheel), Microair radio (no transponder), temperfoam cushions
Sonex #214	It's a taildragger with a Jabiru 2200, Aero-carb, and dual sticks. It's built almost exactly to the plans except for a few minor things like the added flap notch. It came in at 609 lbs empty. I do have a few extras on the panel like a transponder and a Garmin 195 mounted on the panel.
Sonex #478	Aero-Vee dual controls, tail wheel. Build time was about 700 hrs, no special tools, and performance is per specs.
Sonex #600	It has a Jabiru 3300 Engine with an Ed Sterba Prop. It has an Auxiliary Tank mounted under the beam supporting the rear of the seat. To help offset the weight of the Aux Tank, I installed sound insulation and a rug on the floor and firewall. I also used this light weight rug on the glare shield. In addition, the encoder is mounted in front of the spar. An additional forward weight was a vacuum pump mounted on the engine. I also made my baggage compartment of canvas with a thin plywood bottom. The weight and balance came in OK. The Aux Tank is used for single person cross country use with 13 gallons of fuel. Also within weight and balance
Sonex #206	Jab 2200 TD - Center Stick - Bing carb, Vernier control Polish, Microair radio, no transponder, Grand Rapids EIS, Electric Turn & Bank, tail mounted strobe. Sensinch glass 54 x 48 prop
Waix #69	500x5 main tires, 6" tailwheel, Voyager EFIS, Narco Transponder, MGL Com, Trio 2 axis Autopilot, ELT, Dual Stick. 2" Memory Foam Seats
Sonex #1020	Sonex dual stick, conv. gear, aerovee, polish/painted fiberglass and vinyl graphics. Equipped with MGL Ultra Horizon, Garmin 196, handheld com with I/C. Extras includes gascolater shroud/blast tube, exhaust header wrap, foam sound deadening in floor and sidewalls, leather interior with the cordura baggage compt. and full bulkhead behind, duckworth Ind. light and pos/strobes, 0.025" angles bonded to rear fuse sidewalls to lessen "oil canning".
Sonex #204	Aerocarb - Prince P-Tip 54x47 - GRT EIS - MicroAir M760 Radio - Becker Transponder - ACK A-30 Encoder - Ameriking AK-450 ELT - Winter Bordgerate ASI - TL Elektronics Altimeter - Dual Sticks - Std Tires/Pants - Std Upholstery - Polish with Painted Tips - Kuntzelman Mangum Smart Strobe - Odyssey PC-625 Battery - added a NAVMAN F2100 Fuel Flow, 50 lbs of tools & misc sundry junk.
Sonex #1327	Prop Spacer, TOCA, PC680, Firewall Stiffeners, 5.00x5 Tires, Hydraulic Brakes, GRT 8.4" EFIS, Xponder, Com, ELT, AutoPilot, 6" Tailwheel, Todd's Canopy, Custom Upholstery, Split Cowl.