



Robinson Aircraft Maintenance
 50 Thompson Ave | East Haven, CT 06512
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Revised Weight & Balance

Date 8/23/2019

Aircraft

Tail # N 895CD
 Make CIRRUS
 Model SR 22
 Serial # 0577
 Tach 0,980.6

Registered Owner Information

Name GLENWOOD SYSTEMS LLC
 Address C/O OXFORD FLIGHT TRAINING
 288 CHRISTIAN ST. STE. 119
 OXFORD CT. 06478-1038

As Received Information

Previous data taken from document dated APR. 12th 2016 Previous Useful Load 1,079.40

Removed

Item	Weight	Arm	Moment
<u>AVIDYNE MULTIFUNCTION DISPLAY</u>	<u>-10.50</u>	<u>124.90</u>	<u>-1311.45</u>
Totals			

Installed

Item	Weight	Arm	Moment
Totals			

New Weight & Balance

New Useful Load 1,089.9 New Weight 2310.1 New Arm 139.15 New Moment 321,442.09

Notes

NOTE: PREVIOUS MOMENT = 322,753.54, PREVIOUS AIRCRAFT EMPTY WEIGHT = 2,320.6
 PREVIOUS CG/ARM = 139.08

Signature: [Signature] Mechanic: _____ A&P 34140147A

ATA / Item	Description	Sym	Qty	Part Number	Unit Wt	Arm
22	AutoFlight					
	Avionics Config "A"					
22-01	• Sys 30 Autopilot/Turn Cord	S	-	12107-002	2.2	115.8
22-02	• Altitude Transducer	S	-	12722-001	0.2	112.4
22-03	• Pitch Computer	S	-	12726-002	1.0	133.3
	Avionics Config "B"					
22-04	• Sys 55X Autopilot Prgrmmr	S	1	13560-001	3.0	123.3
22-05	• Altitude Transducer	S	1	12722-001	0.2	112.4
23	Communications					
23-01	Radios, See 34 – Navigation	-	-	-	-	-
23-02	Com 1 Antenna	C	1	12740-001	0.5	178.5
23-03	Com 2 Antenna	S	1	12741-001	0.5	204.6
24	Electrical Power					
24-01	Alternator 1	C	1	646845	12.3	61.8
24-02	Alternator 2	C	1	13565-001	5.7	91.0
24-03	MCU	C	1	13470-001	7.5	98.0
24-04	Volt / Ammeter	C	1	12618-001	0.8	119.7
24-05	Battery 1	C	1	50366-001	28.0	96.0
24-06	Battery 2	C	1	50979-001	11.5	230.0
25	Equipment & Furnishings					
25-01	Emergency Locator Transmitter & Batteries	C	1	12756-001	3.6	228.8
25-02	Fwd Seat & Restraint Inst. (Leather: add 0.4 lb each)	C	2	13499-001	27.0	149.3
25-03	Rear Seat Installation (Leather: add 0.4 lb each)	C	2	12053-002	21.8	185.0
25-04	Rear Seat Restraint	C	2	12553-003	2.3	185.0
26	Fire Protection					
26-01	Portable Fire Extinguisher	C	1	12533-001	1.5	137.6
27	Flight Controls					
27-01	Flap Actuator, Modified	C	1	11787-002	4.4	173.9
27-02	Roll Trim Cartridge Assy	C	1	10780-004	0.4	161.8

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ATA / Item	Description	Sym	Qty	Part Number	Unit Wt	Arm
27-03	Roll Trim Motor Assembly	C	1	12546-001	1.3	159.8
27-04	Pitch Trim Cartridge Assy	C	1	10680-004	0.4	310.9
27-05	Pitch Tim Motor Assy	C	1	11794-004	1.3	303.5
27-06	Yaw Trim Cartridge Assy	C	1	11898-001	0.4	106.2
28	Fuel					
28-01	Fuel Quantity Indicator	C	1	13557-001	0.8	138.0
28-02	Fuel Selector Valve	C	1	11627-001	1.8	140.8
28-03	Gascolator	C	1	14069-001	1.0	98.5
28-04	Fuel Cap Assy	S	2	10052-001	0.3	152.3
28-05	Fuel Level Sender (OTBD)	C	2	13467-001/-002	0.3	157.8
28-06	Fuel Level Sender (INBD)	C	2	13467-003/-004	0.3	157.8
30	Ice & Rain Protection					
30-01	Propeller Slinger Ring	O	-	15321-001	1.5	55.0
30-02	De-icing Fluid Reservoir	O	-	15269-001	4.2	181.0
30-03	Metering Pump	O	-	15165-004	4.5	176.0
31	Indicating & Recording					
31-01	Annunciator Panel	C	1	11837-003	0.3	117.2
31-02	Hourmeter	S	1	50485-001	0.1	142.3
32	Landing Gear					
32-01	Main Gear Assembly	C	2	13877-001/-002	34.0	157.5
32-02	Main Gear Strut Fair Upper	S	2	13397-001/-002	4.1	157.5
32-03	Main Gear Strut Fair Lower	S	2	13443-001/-002	4.2	157.5
32-04	Main Gear Fairing Wheel	S	2	14196-001/-002	4.2	157.5
32-05	Brake Assembly	C	2	13399-103	3.2	157.5
32-06	Main Wheels	C	2	13399-101	6.3	157.5
32-07	Main Tire	C	2	14075-002	6.3	157.5
32-08	Main Tube	C	2	14076-002	1.0	157.5
32-09	Nose Gear Assembly	C	1	14082-001	35.0	86.0
32-10	Nose Wheel	C	1	12798-001	4.5	70.0
32-11	Nose Tire 5.00 x 5	C	1	14075-001	4.3	70.0
32-12	Nose Tire Tube	C	1	14076-001	1.0	70.0
32-13	Nose Gear Fairing & Pant	S	1	14291-101	0.9	78.0
32-14	Brake Master Cylinder	C	4	14269-001	0.6	104.5
32-15	Brake Fluid Reservoir	C	1	12006-001	0.4	98.1

ATA / Item	Description	Sym	Qty	Part Number	Unit Wt	Arm
33	Lights					
33-01	L/R Strobe/Nav Lights	C	2	50626-001/-002	0.6	158.0
33-02	Strobe Power Supply (2)	C	2	50625-001	1.7	158.0
33-03	Landing Light	S	1	12580-001	1.9	80.0
34	Navigation & Pitot Static					
	MFD Option					
34-01	• ARNAV ICDS-2000 MFD	O	-	12755-001	8.8	121.8
34-02	• Avidyne FlightMax MFD	O	1	700-00004-XXX	6.4	121.8
	PFD Option					
34-03	• Avidyne FlightMax PFD	O	1	15222-001	12.0	115.5
	Engine Monitoring Option					
34-04	• Monitor Sensor Unit	O	1	14843-001	1.1	118.0
34-05	• Monitor Harness	O	1	15030-001	0.9	92.0
34-06	• Monitor Cabin Harness	O	1	15032-001	2.0	108.0
	Sky Watch Option					
34-07	• Sky Watch Inverter	O	1	14484-001	0.5	118.0
34-08	• Sky Watch Antenna nstl	O	1	14477-001	2.3	150.5
34-09	• Sky Watch Track Box	O	1	14477-050	10.0	140.0
	Stormscope Option					
34-10	• Processor	O	1	12745-050	1.7	199.0
34-11	• Antenna	O	1	12745-070	.9	191.0
	HSI Option					
34-12	• NSD 1000	O	-	12734-151	4.6	114.1
34-13	• Gyro Slaving Amplifier	O	-	12734-111	1.0	135.0
34-14	• SANDEL SN3308	O	-	14356-001	3.6	114.1
34-15	• Remote Gyro	O	-	14357-001	4.9	181.0
34-16	Flux Detector	S	1	12734-121	0.4	151.0
34-17	Altimeter	C	1	12102-001	1.1	116.1
34-18	TAS Indicator	C	1	13568-001	0.7	116.9
34-19	Vertical Speed Indicator	S	-	12103-001	0.7	116.6
34-20	Magnetic Compass	C	1	12451-001	0.3	132.7
34-21	Attitude Gyro	C	1	13468-001	2.2	114.5
34-22	Clock & OAT Gage	S	-	50352-001	0.3	117.4
34-23	Marker Beacon Antenna	S	1	12743-001	0.6	200.0
34-24	GPS 1 Antenna	C	1	12744-001	0.4	136.2

ATA / Item	Description	Sym	Qty	Part Number	Unit Wt	Arm
34-25	GPS 2 Antenna	S	1	12744-001	0.4	110.3
34-26	Transponder Antenna	C	1	12739-001	0.1	105.0
34-27	VOR/LOC Antenna	C	1	12742-001	0.4	331.0
34-28	Turn Coordinator, Modified	C	1	11891-001	1.8	118.0
34-29	VOR/LOC./ILS/GS Indicator	S	-	12723-152	1.3	116.6
34-30	GMA 340 Audio Panel	S	1	12717-050	1.5	121.5
34-31	GNS 430 (GPS/COM/NAV)	C	1	12718-051	5.5 5.0	121.0
34-32	GNS 430 (GPS/COM/NAV)	S	1	12718-051	5.5 5.0	122.4
34-33	GTX 327 Transponder GTX 345	C	1	13587-001	1.6 4.0	124.9
61	Propeller					
	Propeller Option					
61-01	• Prop w/o Ice Protection	C	1	14070-001	76.2	50.3
61-02	• Prop w/ Ice Protection	C	-	15176-001	78.0	50.3
61-03	Propeller Governor	C	1	15524-001	3.2	61.7
71	Power Plant					
71-01	Upper Cowl	C	1	10842-004	10.5	78.4
71-02	Lower Cowl	C	1	15204-002	5.4	78.4
71-03	Engine Baffling	C	1	13765-001	10.7	78.4
72	Engine					
72-01	Engine Installation	C	1	13600-001	414.5	76.5
72-02	Induction Filter	C	1	BA-111	0.4	85.3
72-03	Reiff Heater	O	-	L-6	1.9	76.0
73	Engine Fuel					
73-01	Engine Driven Fuel Pump	C	1	634530M	3.2	61.9
73-02	Electric Fuel Pump Assy.	C	1	11839-001	2.3	97.7
73-03	Fuel Pressure Switch Assy.	C	1	13598-001	0.4	67.8
74	Engine Ignition					
74-01	Spark Plugs	C	12	RHB32E	.25	78.4
74-02	Magnetos (L & R)	C	2	10-500556-1	11.5	74.5
74-03	Ignition Switch	C	1	50314-001	0.5	123.0

GTX 345
GTX 345

5.5
5.5
4.0

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ATA / Item	Description	Sym	Qty	Part Number	Unit Wt	Arm
77	Engine Indicating					
77-01	Tachometer	C	1	13559-001	0.5	118.7
77-02	EGT/CHT Gage	C	-	12616-001	0.5	119.0
77-03	Man Press/Fuel Flow Gage	C	1	13558-001	0.5	118.8
77-04	Oil Temp / Pressure Gage	C	1	12619-001	0.5	119.2
78	Engine Exhaust					
78-01	Heater Muffler	S	1	14837-001	7.2	87.0
78-02	LH Muffler	S	1	14836-001	2.8	86.0
78-03	Tailpipe	S	2	15077-001	2.9	99.0
79	Oil					
79-01	Engine Oil Cooler	S	1	10281A	7.8	86.5
79-02	Oil Filter	S	1	CH48108	1.5	78.4
80	Starting					
80-01	24-volt Starter	S	1	ES-646275-1	15.0	85.0
95	Special Equipment					
95-01	Packed Parachute (CAPS)	C	1	15046-002	54.0	235.5
95-02	Airplane Flight Manual	C	1	13772-001	1.2	-