BEW 3521.9
Acm. 532492

CESSNA AIRCRAFT COMPANY

WICHITA, KANSAS

Weight & Balance and Installed Equipment Data

CONTROL NUMBER	DATE	MODEL	REGISTRATION NUMBER	CESSNA SERIAL NUMBER
280135	02/08/82	CRUSADER	N2282C	T30300087

ITEM		WEIGHT	ARM	MOMENT
STANDARD AIRPLANE (EMPTY,DRY)	COMPUTED	3271.6	150.0	490740
INCLUDING REQUIRED, STANDARD AND SPECIAL				
PACKAGE EQUIPMENT ITEMS *AUTO PILOT PART OF STANDARD EQUIP.*				
UNUSABLE FUEL 2.0 GALLONS		12.0	162.1	1945
FULL OIL 18.0 QUARTS		33.8	117.6	3975
STANDARD EMPTY WEIGHT		3317.4	149.7	496660
OPTIONAL EQUIPMENT REPLACING OR IN ADDITION TO				
REQUIRED, STANDARD OR SPECIAL PACKAGE EQUIPMENT ITEMS				
82-2027	).			
ALLOVER IMRON WHITE 4480U	).			
MAJOR JAY GRAY 43813U	).			
ACCENT BERBER TAN 3295U	).			
82-2027	)			
WALLACE INTERIOR SELECTIONS AS FOLLOWS:	)			
SEAT TRIM & ARMRESTS VINYL BLUE	).			
SEAT INSERTS NYSTRIPE BLUE (WITH	).			
STRIPES RUNNING VERTICALLY)	).			
UPPER & LOWER SIDE PANELS FOLKWEAVE LIGHT BLUE	)			
CARPET & SCUFF REGAL BLUE	)	5.8	181.0	1050
SEAT BELTS MEDIUM BLUE	)			
HSI SYSTEM, SLAVED 3 IN (EXCH)		2.0	69.8	140
YAW DAMPER (EXCH)		9.3	271.4	2524
400 DME (RT476A)		13.6	86.5	1176
ALTITUDE ENCODER, BLIND		1.5	72.2	108
2ND GLIDESLOPE W/O RNAV		3.2	70.3	225
SWITCH, REMOTE TRANSPONDER IDENT		.1	117.0	12
CLOCK, DIGITAL QUARTZ READOUT (EXCH)	NEGL.			
HOUR METER, CABIN HEATER		.5	79.1	40
RECORDER, FLIGHT HOUR		.2	116.1	23
TACHOMETER, SYNCHRONOUS (EXCH.)		.1	115.6	12
ALTERNATORS, 95 AMP (EXCH)		15.2	128.0	1946
APPROACH PLATE HOLDER, LH (WITH LIGHT)		.5	129.4	65
CARPET, NOSE BAGGAGE AREA		2.9	71.1	206
ANTI-ICE SYSTEM, PROPELLERS (ELECTRIC)		8.3	93.9	779
DEICE, PARTIAL PLUMBING (WING AND STABILIZERS)		6.2	171.8	1065
FIRE EXTINGUISHER, HAND TYPE		5.2	129.0	671
FUSELAGE ICE PROTECTION PLATES		3.8	89.1	339
LIGHT, ICE DETECTION, LH		.3	132.1	40
LIGHT, LANDING (RIGHT WING OUTBOARD LEADING EDGE)		1.3	140.7	183
LIGHTING, ELECTROLUMINESCENT		1.7	106.1	180
LIGHTS, COURTESY (NACELLE AND NOSE BAGGAGE)		.5	155.1	78
LIGHTS, PASSENGER READING W/OPT 1 OR OPT 2 SEATING		.7	195.0	137
LIGHTS, STROBE		3.8	157.5	599
LOCK, RUDDER GUST		3.1	330.9	1026
OXYGEN SYSTEM, COMPLETE, 6-PORT		35.1	258.1	9059

CESSNA AIRCRAFT COMPANY

WICHITA, KANSAS

Weight & Balance and Installed Equipment Data

CONTROL NUMBER	DATE	MODEL	REGISTRATION NUMBER	CESSNA SERIAL NUMBER
280135	02/08/82	CRUSADER	N2282C	T30300087

ITEM		WEIGHT	ARM	MOMENT
PROPELLERS, SPINNERS, POLISHED (EXCH)	NEGL.			
PROPELLERS, SYNCHROPHASER (EXCH)		4.6	114.1	525
VENTILATION SYSTEM, FAN DRIVEN		4.5	273.8	123
WHEELS & BRAKES, HEAVY DUTY (EXCH)		17.2	171.5	295
ARMRESTS, INB., RET. (SEATS 3&4) W/SEATING OPT. 1		4.8	178.0	854
ARMRESTS INBOARD RETRACTABLE (SEATS 5&6)		4.8	216.0	1037
CURTAINS, PASSENGER SIDE WINDOWS		3.2	199.0	63
HEADRESTS (SET OF 2-5TH & 6TH)		2.0	220.0	44
RELIEF TUBE, MALE/FEMALE		1.1	233.4	25
SEAT, PILOT ARTICULATING RECLINE VERT. ADJ. (EXCH)		9.0	142.6	128
SEAT COPILOT ARTIC. RECLINE VERT. ADJ. (EXCH)		9.0	142.6	128
TABLE, EXECUTIVE (RH)		6.5	192.2	124
SEATING OPTION 1 (SEATS 3 & 4 AFT FACING) (EXCH)		12.9	182.3	235
BASIC EMPTY WEIGHT		3521.9	151.2	53244
USEFUL LOAD		1653.1		
		5175.0		

MAXIMUM RAMP WEIGHT
MAXIMUM TAKE-OFF WEIGHT 5150.0

Installed Equipment List Data

Cessna T 303 C-GIAS S/N: T30300087

ITEM:	Weight:	Arm:
In addition to standard aircraft equipment package per Cessna Aircraft Company data dated: 02-08-82 the following items are contained in this aircraft:		
King Kn62	2.6	112.0
King Kn60	0.5	77.5
Garmin GTX330	3.0	112.0
BFGoodrich Wx900	4.0	112.0
Trimble 2000plus	3.2	112.0
King Kx165 Nav/Com	5.3	112.0
King Kx155 Nav/Com	5.3	112.0
King Kcs 55a compass system	1.5	112.0
Bendix RDR 230 |radar	4.8	112.0
United 5934 Altimeter	1.3	112.0
305-2 BL 28VDC \directional gyro	1.2	112.0
King Ki525 HSI system	3.0	112.0
King Ka 51 Slave Amp	0.2	112.0
King Kmt112 flux valve	0.3	113.6
In-232a radar indicator	9.5	112.3
ART-231 radar antenna	9.3	40.1
|King Ka 57 Autopilot adaptor	2.2	113.0
Hourmeter	0.2	116.0
TC200 intercom	1.2	116.0
Shadin fuel flow system	1.0	112.0
ELT – Kannad 406	1.8	275.0
Carpet & scuff regal blue	5.8	181.0
Yaw damper	9.3	271.4
Altitude encoder	1.5	72.2
Clock	negl.	
Hour meter cabin heater	.5	79.1
Flight hour recorder	.2	116.1
Tachometer, synchronous	.1	115.6
Alternators , 95 amp	15.2	128.0
Approach plate holder w. light	.5	129.4
Carpet nose baggage area	2.9	71.1
Anti ice system electric	8.3	93.9
De ice plumbing	6.2	171.8
Fire extinguisher hand type	5.2	129.0
Fuselage ice protection plates	3.8	89.1
Light, ice detection LHS	.3	132.1
Light, landing RHS leading edge	1.3	140.7
Lighting, electroluminescent	1.7	106.1
Lights, courtesy nacelles, nose	.5	155.1
Lights passenger reading	.7	195.0
Lights strobe	3.8	157.5
Lock, rudder gust	3.1	330.9
Oxygen system (less tank)	21.1	258.1
Propellers, spinners polished	negl.	
Propellors, synchrophasers	4.6	114.1
Ventilation system, fan driven	4.5	273.8
Wheels brakes, heavy duty	17.2	171.5
Armrests (seat 3 & 4)	4.8	178.0
Armrests (seats 5 & 6)	4.8	216.0
Curtains, side windows pass.	3.2	199.0
Headrests (set of 2 – 5th & 6th)	2.0	220.0
Relief tube	1.1	233.4
Seat , Pilot articulating	9.0	142.6
Seat, Co-pilot articulating	9.0	142.6
Table, executive RH	6.5	192.2
Seating option 1	12.9	182.3

I hereby certify that this data has been prepared in accordance with the Provisions of CAR 571 and to the best of my knowledge represents the installed equipment of this aircraft

.....

Dietmar ZSCHOGNER M-150434

Aug.1/11

Aircraft Weight and Balance Amendment:

Aircraft Manufacture:	Cessna Aircraft Corp.
Model:	**T 303**
Serial Number:	**T303-00087**
Registration:	C-GIAS
Previous Weight & Balance Date:	July 14/09
Previous Licensed Empty Weight:	3762.0 @ C of G =151.15"
Previous Licensed Empty Weight Moment:	568626.3

Amended Weight & Balance

ITEM:	WEIGHT	ARM	MOMENT
Previous weight:			
Aircraft Empty Weight	3762.0	151.15	568626.3

* note: this aircraft is configured with pilot and co-pilot seats at arm 138 ; passenger seat at 178 and passenger seat at 216

Aircraft configured IAW Cessna Weighing Procedures dated July 31, 1981. Reweighed using "Intercomp Aircraft Weighing Systems" scales ; S/N: 24042363 calibrated current to June 10/11 by Canadian Scale (CSCL)

*Full oil included in weighing
*Add 12 lbs. unusable fuel at 162.1"

As Weighed: Nose = 850 LH Main = 1430 RH Main = 1370

$$X = ARM = (A) - \frac{(N) \times (B)}{W} = 60.3 - \frac{(850 \times 91)}{3650} = 60.3 - 21.19 = 39.11$$

C of G Arm = 111.92 + 39.11 = 151.03

Weight	Arm	Moment
3650	151.03	551259.5
12.0	162.1	1945.2
3662	151.07	553204.7

New Aircraft Empty Weight:	**3662**
New Aircraft Empty Weight C of G:	**151**
Aircraft Maximum Gross	**5150 lbs.**
New Aircraft Useful Load	**1488 lbs.**

I hereby certify that this data has been prepared in accordance with the provisions of CAR 571 and the best of my knowledge represents the true Empty Weight and Centre of Gravity of this aircraft.

D. Zsch

Dietmar ZSCHOGNER M-150434

Date: Aug.1/11

ATLANTIC AVIONICS INC.

Halifax Stanfield International Airport
657 Barnes Road, Suite 218
Enfield, Nova Scotia, B2T 1K3
Telephone (902) 873-3534 Fax (902) 873-4531

WEIGHT AND BALANCE AMENDMENT #1

Since reweigh Aug 1/11

DATE: June 30, 2022 **WORK ORDER:** 61303 ***AMO # 2-94***
MODEL: Cessna T303
REGISTRATION: C-GIAS **SERIAL NO.** T30300087
A/C DATUM: 111.92 inches forward of depression in nose gear jack point.
OWNER: Deitmar Zschogner
1415 Whitehall Rd
Parrsboro, NS
B0M 1S0

	WEIGHT - LBS	ARM - INS	MOMENT
LAST AIRCRAFT FIGURES:	3,662.00	151.07	553,204.70
REMOVE:			
RH Strobe Power Suppy P/N: 152-0010	3.80	157.50	598.50
LH Strobe Power Supply P/N: C622039-0101	3.80	157.50	598.50
			0.00
			0.00
			0.00
			0.00
			0.00
			0.00
Total Delete	7.60		1,197.00
ADD:			
Uavionics Skybeacon P/N: UAX-90032-01 (LH)	0.20	157.50	31.50
			0.00
			0.00
			0.00
			0.00
			0.00
			0.00
			0.00
			0.00
Total Addition	0.20		31.50
NEW AIRCRAFT MOMENT:			**552,039.20**
NEW AIRCRAFT EMPTY WEIGHT (pounds):			**3,654.60**
NEW AIRCRAFT EMPTY WEIGHT C of G (inches):			**151.05**

"I certify that this Weight and Balance Amendment has been prepared in accordance with the applicable standards of airworthiness"

SIGNATURE: Robert Cogswell **DATE:** June 30, 2022

LICENSE NO.: 416947

ATLANTIC AVIONICS INC.

Halifax Stanfield International Airport
657 Barnes Road, Suite 218
Enfield, Nova Scotia, B2T 1K3
Telephone (902) 873-3534 Fax (902) 873-4531

EQUIPMENT LIST AMENDMENT

DATE: June 30, 2022 **WORK ORDER:** 61303 ***AMO # 2-94***
MODEL: Cessna T303
REGISTRATION: C-GIAS **SERIAL NO.** T30300087
A/C DATUM: 111.92 inches forward of depression in nose gear jack point.
OWNER: Deitmar Zschogner
1415 Whitehall Rd
Parrsboro, NS
B0M 1S0

Subject to Weight and Balance Amendment *#1*, the equipment list for this aircraft is amended as follows:

	WEIGHT - LBS.	ARM - INS.
REMOVE:		
RH Strobe Power Suppy P/N: 152-0010	3.80	157.50
LH Strobe Power Supply P/N: C622039-0101	3.80	157.50
ADD:		
Uavionics Skybeacon P/N: UAX-90032-01 (LH)	0.20	157.50

AAI 109, March 2022

Aircraft Weight and Balance Amendment: 2

Aircraft Manufacture:	Cessna Aircraft Corp.
Model:	**T 303**
Serial Number:	**T303-00087**
Registration:	C-GIAS
Previous Weight & Balance Date:	June 30/22
Previous Licensed Empty Weight:	3654.60 @ C of G =151.05"
Previous Licensed Empty Weight Moment:	552,039.20

Amended Weight & Balance

ITEM:	WEIGHT	ARM	MOMENT
Previous weight:			
Aircraft Empty Weight	3654.60	151.05	552,039.20
REMOVE:			
Complete ferry tank system; O&N Aircraft Mods., Inc., Kit # 40500T, S/N:424			
	-27.24 lbs.	192.0	- 5230.08
	3627.36	150.75	546,809.12
	3627.36	**150.75**	**546,809.12**

New Aircraft Empty Weight:	**3627**
New Aircraft Empty Weight C of G:	**151**
Aircraft Maximum Gross	**5150 lbs.**
New Aircraft Useful Load	**1522.6 lbs.**

I hereby certify that this data has been prepared in accordance with the provisions of CAR 571 and the best of my knowledge represents the true Empty Weight and Centre of Gravity of this aircraft.

D. Zschogner

.....
Dietmar ZSCHOGNER M-150434

.....Nov10/22.....
Date: