Aircraft Weight and Balance Report

Results of Aircraft Weighing

Make: Cessna		Model: 172
Serial Number:	29283	N #:7183A
Datum Location:	Firewall	
Leveling Means:	NONE	
Scale Arms:	Nose: <u>-7.5</u>	Left Main: Right Main:
Scale Weights:	Nose: <u>371.0</u>	Left Main: <u>532.0</u> Right Main: <u>513.0</u>

ITEM	SCALE (lbs.)	TARE WT (lbs.)	NET WT (lbs.)	ARM (inches)	MOMENT
Nose	371.0	0.0	371.0	-7.5	-2782.5
Left Main	532.0	0.0	532.0	55.0	29260.0
Right Main	513.0	0.0	513.0	55.0	28215.0
Subtotal	1416.0.	0.0	1416.0	38.624	54692.5
Fuel	1	1			J40J2.J
Oil					
Misc				1	
Total	1416.0		1416.0	38.624	54692.5

Aircraft Current Empty Weight: <u>1416.0</u>

Aircraft Current Empty Weight CG: <u>38.62</u>

Aircraft Maximum Weight: 2200.0

Aircraft Useful Load: <u>784.00</u>

Calculated By: Patrick S. Reeves 71 ale

Certificate: _2671294 (I.A)

Date: <u>6/7/2022</u>

Results of Aircraft Meighing

Make: Cessna Model: 172

erial Number: _____29283 N # 21834

Datum Location: Firewall

eveling Means: NONE

cale Weights: Moset 371.0 f.eft Main: 532.0 Right Main: 513.6

 Nose
 371.0
 0.0
 371.0
 7.5
 5

 Left Main
 532.0
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 532.0
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 5

 Right Main
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 513.0
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 Subtotal
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 1416.0
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 Fuel
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 Subtotal
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Nircraft Current Empty Weight: 1416.0

Nircraft Current Empty Weight CG: 38.62

Vircraft Maximum Weight: 2200.0

Aircraft Useful Load 784.00

Cafculated By: Patrick S. Reeves.

Certificate: 2671294 (LA)

Jate: 6/7/2022

DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION

	3A12
	Revision 84
Textro	n Aviation Inc.
172	172I
172A	172K
172B	172L
172C	172M
172D	172N
172E	172P
172F (USAF T-41A)	172Q
172G	172R
172H (USAF T-41A)	172S
	July 29, 2015

"WARNING: Use of alcohol-based fuels can cause serious performance degradation and fuel system component damage, and is therefore prohibited on Cessna airplanes."

TYPE CERTIFICATE DATA SHEET NO. 3A12

This data sheet which is part of Type Certificate No. 3A12 prescribes conditions and limitations under which the product for which the type certificate was issued meets the airworthiness requirements of the Federal Aviation Regulations.

Type Certificate Holder	Textron Aviation Inc. One Cessna Boulevard
	P.O. Box 7704 Wichita, Kansas 67277
Type Certificate Holder Record	Cessna Aircraft Company transferred to Textron Aviation Inc. on July 29, 2015

I. <u>Model 172, 4 PCLM (Normal Category), approved November 4, 1955; 2 PCLM (Utility Category),</u> <u>approved December 14, 1956</u>

Engine	Continental O-300-A or O-300-B
*Fuel	80/87 minimum grade aviation gasoline
*Engine Limits	For all operations, 2700 rpm (145 hp)

Page No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Rev. No.	84	60	60	60	60	57	64	60	82	60	51	60	67	81	78	59	50	50	55	55
Page No.	21	22	23	24	25	26	27	28	29	30	31									
Rev. No.	50	72	59	83	81	80	76	84	77	80	84									

2

I.	Model 172 (cont'd)									
	Propeller and Propeller Limits	(2. H (3. H (Static r Not No Diamet b) Spinner Propeller a) Senseni Static r Not Diamet b) Spinner Propeller a) McCau Static r Not Not No Diamet	over 2360, nd additional told er: not over 7 ; Dwg. 05501 ch M74DR o om at maximu over 2430, nd additional told er: not over 7 ; Dwg. 05501 ley 1C172/MI om at maximu over 2350, nd additional told	m perm ot unde rrance 6 in., 1 62 r 74Dl m perm ot unde rrance 4 in., 1 62 DM 76 m perm ot unde crance 6 in., 1	ADR ADR bermissible throttle setting: nder 2300 ice permitted h., not under 72.0 in. 7652, 53, or 55 30 lb. (-39.0) bermissible throttle setting: nder 2250 ice permitted h., not under 74.5 in.				
	*Airspeed Limits (CAS)	Maneuvering 115 mph (100 knots) Maximum structural cruising Never exceed160 mph (139 knots) Flaps extended				140 mph (122 knots)				
	C.G. Range	-	y category	ition between	points	(+40.8) to (+46.4) at 2200 lbs. (+36.4) to (+46.4) at 1733 lbs. (+38.4) to (+40.3) at 1950 lbs. (+36.4) to (+40.3) at 1733 lbs. or less is given.				
	Empty Weight C.G. Range	None								
	*Maximum Weight		al category y category	2200 1 1950 1						
	Number of Seats	4 (2 at +36, 2 at +70) (For child's optional jump seat, refer to Equipment								
	Maximum Baggage	120 lł	os. (+95)							
	Fuel Capacity			al. usable (two <i>ight of unusal</i>		al. tanks in wings a l and oil.	at +48)			
	Oil capacity	2 gal.	(-20), inclu	des 1 gal. unu	sable					
	Control Surface Movements	Wing	flaps	Takeoff Landing		Retracted 1st notch 2nd notch 3rd notch 4th notch	0° 10° 20° 30° 40°			
	Control Surface Movements (con	Ailero	tor tab tor	Up Up Up Right	20° 28° 28° 16°	Down Down Down Left	14° 13° 26° 16°			