

CESSNA C172S NAV III - AIRCRAFT DATA CARD

N21394

WEIGHT AND BALANCE

KFRG - KFRG

10/27/2017

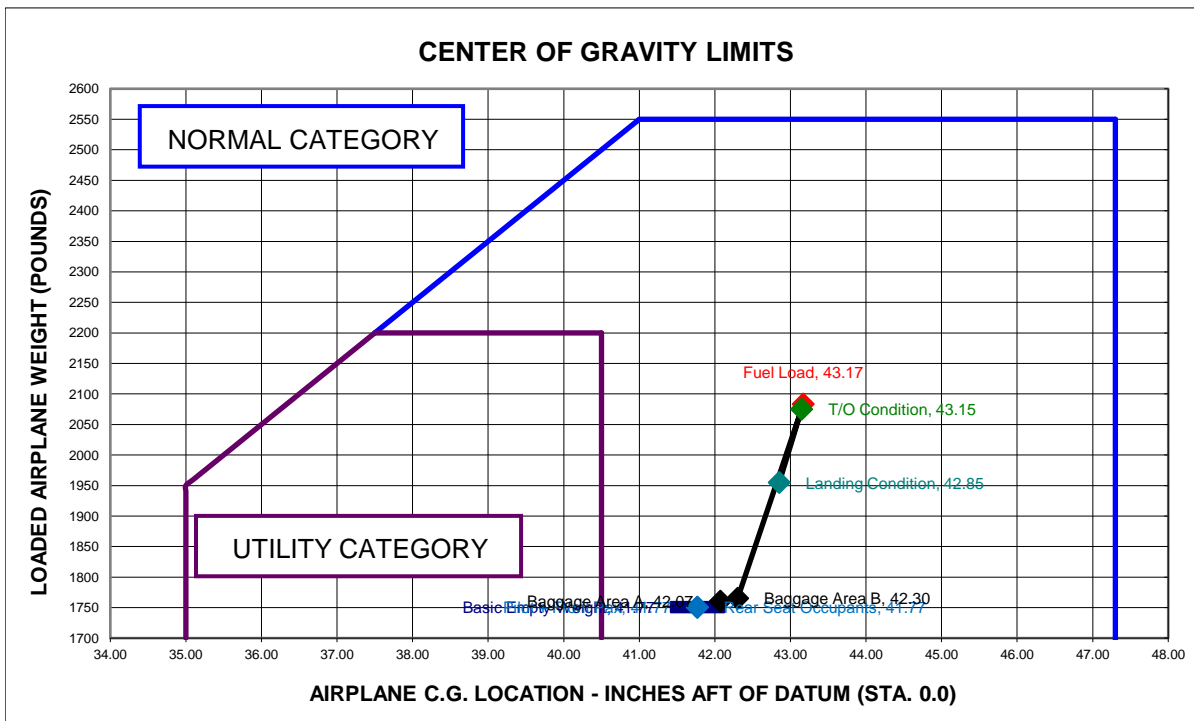
ITEM	QUANTITY	WEIGHT	ARM	MOM/1000
Basic Empty Weight		1750.4	41.77	73.11
Pilot + Front Seat Occupant	0		37.00	0.00
Rear Seat Occupant(s)	0		73.00	0.00
Baggage Area A (Max 120 Lbs)	10		95.00	0.95
Baggage Area B (Max 50 Lbs)	5		123.00	0.62
Zero Fuel Weight (ZFW)		1765.4	42.30	74.68
Fuel Load (Max 53 Gal Usable)	53	318	48.00	15.264
Ramp Conditions		2083.4	43.17	89.94
Start, Taxi, Run-up	-1.4	-8.4	48.00	-0.40
TO Condition (Max 2550 Lbs)		2075	43.15	89.54
Less Fuel to Destination	20	-120	48.00	-5.76
Landing Condition		1955	42.85	83.78
Useful Load Available	475.00 Pounds			
V_A (105 Knots at MTOW)	94 Knots			

AIRCRAFT LOADING		
Pilot	0	Lbs.
Front Seat Occupant	0	Lbs.
Subtotal	0	Lbs.
Rear Seat Occupant 1	0	Lbs.
Rear Seat Occupant 2	0	Lbs.
Subtotal	0	Lbs.
Baggage Area A	10	Lbs.
Baggage Area B	5	Lbs.
Subtotal	15	Lbs.

PREFLIGHT ACTION	
Gross Takeoff Weight	2075 Lbs.
ATIS / Time	/
Wind	/
Headwind	Kts
Crosswind	Kts
Visibility	SM
Sky Condition	
Temperature/Dewpoint	/
Altimeter	
Pressure Altitude	Ft.
Density Altitude	Ft.
Runway In Use	

PERFORMANCE DATA	
TAKEOFF	
Ground Roll	Ft.
Over 50' Obstacle	Ft.
Runway Available	Ft.
LANDING	
Ground Roll	Ft.
Over 50' Obstacle	Ft.
Runway Available	Ft.

V SPEEDS	
VR	KIAS
VY	KIAS
VX	KIAS
VBEST GLIDE	KIAS



Revision 1.0 (10/2014)

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CESSNA C172S NAV III - AIRCRAFT DATA CARD

N6059D

WEIGHT AND BALANCE

KFRG - KFRG

10/27/2017

ITEM	QUANTITY	WEIGHT	ARM	MOM/1000
Basic Empty Weight		1757.1	41.66	73.20
Pilot + Front Seat Occupant	0		37.00	0.00
Rear Seat Occupant(s)	0		73.00	0.00
Baggage Area A (Max 120 Lbs)	10		95.00	0.95
Baggage Area B (Max 50 Lbs)	5		123.00	0.62
Zero Fuel Weight (ZFW)		1772.1	42.19	74.77
Fuel Load (Max 53 Gal Usable)	53	318	48.00	15.264
Ramp Conditions		2090.1	43.08	90.03
Start, Taxi, Run-up	-1.4	-8.4	48.00	-0.40
TO Condition (Max 2550 Lbs)		2081.7	43.06	89.63
Less Fuel to Destination	20	-120	48.00	-5.76
Landing Condition		1961.7	42.75	83.87
Useful Load Available	468.30 Pounds			
V_A (105 Knots at MTOW)	94 Knots			

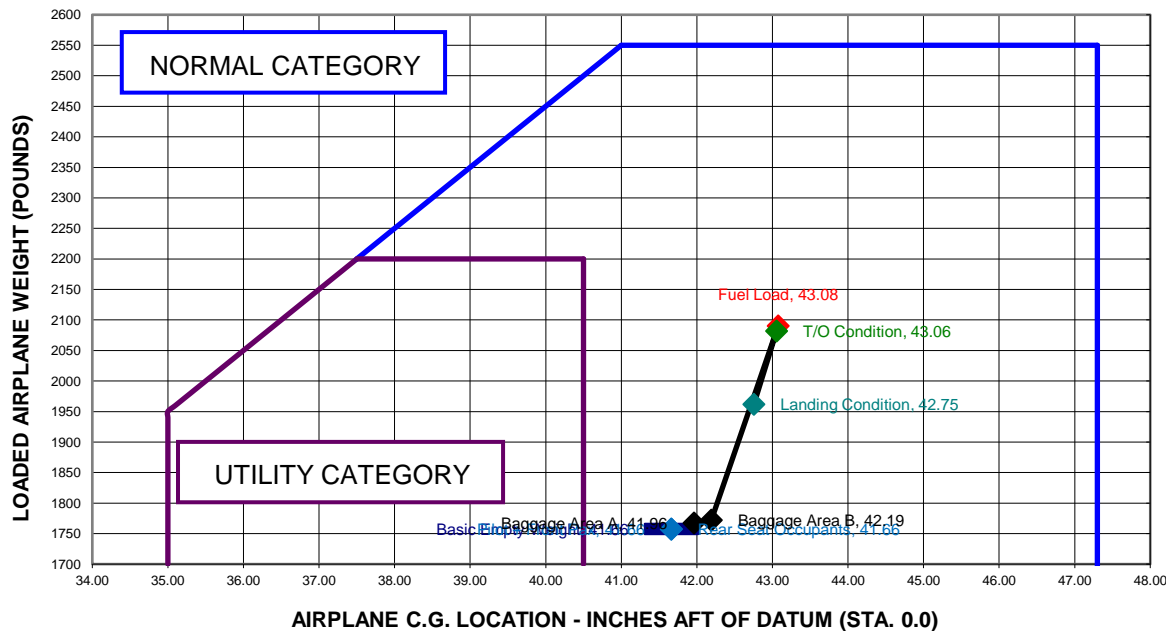
AIRCRAFT LOADING		
Pilot	0	Lbs.
Front Seat Occupant	0	Lbs.
Subtotal	0	Lbs.
Rear Seat Occupant 1	0	Lbs.
Rear Seat Occupant 2	0	Lbs.
Subtotal	0	Lbs.
Baggage Area A	10	Lbs.
Baggage Area B	5	Lbs.
Subtotal	15	Lbs.

PREFLIGHT ACTION	
Gross Takeoff Weight	2081.7 Lbs.
ATIS / Time	/
Wind	/
Headwind	Kts
Crosswind	Kts
Visibility	SM
Sky Condition	
Temperature/Dewpoint	/
Altimeter	
Pressure Altitude	Ft.
Density Altitude	Ft.
Runway In Use	

PERFORMANCE DATA	
TAKEOFF	
Ground Roll	Ft.
Over 50' Obstacle	Ft.
Runway Available	Ft.
LANDING	
Ground Roll	Ft.
Over 50' Obstacle	Ft.
Runway Available	Ft.

V SPEEDS	
V _R	KIAS
V _Y	KIAS
V _X	KIAS
V _{BEST GLIDE}	KIAS

CENTER OF GRAVITY LIMITS



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CESSNA C172S - AIRCRAFT DATA CARD

N526ER

WEIGHT AND BALANCE

KFRG - KFRG

10/27/2017

ITEM	QUANTITY	WEIGHT	ARM	MOM/1000
Basic Empty Weight		1687.3	39.56	66.75
Pilot + Front Seat Occupant	0		37.00	0.00
Rear Seat Occupant(s)	0		73.00	0.00
Baggage Area A (Max 120 Lbs)	10		95.00	0.95
Baggage Area B (Max 50 Lbs)	5		123.00	0.62
Zero Fuel Weight (ZFW)		1702.3	40.13	68.31
Fuel Load (Max 53 Gal Usable)	53	318	48.00	15.264
Ramp Conditions		2020.3	41.37	83.58
Start, Taxi, Run-up	-1.4	-8.4	48.00	-0.40
TO Condition (Max 2550 Lbs)		2011.9	41.34	83.18
Less Fuel to Destination	20	-120	48.00	-5.76
Landing Condition		1891.9	40.92	77.42
Useful Load Available	538.10 Pounds			
V_A (105 Knots at MTOW)	93 Knots			

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AIRCRAFT LOADING

Pilot	0	Lbs.
Front Seat Occupant	0	Lbs.
Subtotal	0	Lbs.
Rear Seat Occupant 1	0	Lbs.
Rear Seat Occupant 2	0	Lbs.
Subtotal	0	Lbs.
Baggage Area A	10	Lbs.
Baggage Area B	5	Lbs.
Subtotal	15	Lbs.

PREFLIGHT ACTION

Gross Takeoff Weight	2011.9	Lbs.
ATIS / Time	/	
Wind	/	
Headwind		Kts
Crosswind		Kts
Visibility		SM
Sky Condition		
Temperature/Dewpoint	/	
Altimeter		
Pressure Altitude		Ft.
Density Altitude		Ft.
Runway In Use		

PERFORMANCE DATA

TAKEOFF

Ground Roll		Ft.
Over 50' Obstacle		Ft.
Runway Available		Ft.

LANDING

Ground Roll		Ft.
Over 50' Obstacle		Ft.
Runway Available		Ft.

V SPEEDS

V _R		KIAS
V _Y		KIAS
V _X		KIAS
V _{BEST GLIDE}		KIAS

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CENTER OF GRAVITY LIMITS

