

AIRCRAFT WEIGHT  
AND BALANCE CHANGE

DATE 12-08-2016  
MAKE Cessna  
MODEL 172N  
S/N 17273779  
N NUMBER N5399J

Corrected original 12/19/79	EMPTY WEIGHT	CG/ARM	MOMENT
Factory W&B	<u>1499.4</u>	38.85	<u>58253.89</u>
Useful	810.4		
Max ramp WT	2309.8		
Max Takeoff WT	2300.0		

Change #1 10/09/85	EMPTY WEIGHT	CG/ARM	MOMENT
Added component	1.0	14.5	14.50

New W&B	1500.4	38.83	58268.39
Useful	799.6		
Max ramp WT	2310.8		
Max Takeoff WT	2300.0		

Change #2 12/18/92	EMPTY WEIGHT	CG/ARM	MOMENT
STC increase WT to 2400			
RMV wheel pants	-17.8	47.1	-838.38
RMV engine model	-253.0	-19.7	4984.10
INSTL engine model	<u>255.0</u>	-19.7	<u>-5023.5</u>
	-15.8		-877.78

Old W&B	<u>1500.4</u>	38.83	<u>58268.39</u>
New W&B	1484.6	38.66	57390.61
Useful load	915.4		
New Max Takeoff	2400.0		

Change #3 10/31/96	EMPTY WEIGHT	CG/ARM	MOMENT
Added Tail Skid	1.0	222.68	222.68
Old W\$B	1484.6		57390.61
New W&B	1485.6	38.78	57613.29
Max takeoff	2400.0		
USEFUL LOAD	914.4		

Change #4 10/08/96	EMPTY WEIGHT	CG/ARM	MOMENT
Install Aviation Hand	5.0	7.5	37.5
Old W&B	1485.6		57390.61
New W&B	1490.6	38.67	57650.79
Max takeoff	2400.0		
USEFUL LOAD	909.4		

Change #5 4/14/14	EMPTY WEIGHT	CG/ARM	MOMENT
RMV Aviation Hand	-5.0	7.5	-37.5
Old W&B	1490.6		57650.79
New W&B	1485.6	38.78	57613.29
Max takeoff	2400.0		
USEFUL LOAD	914.5		

Change #6 3/03/16	EMPTY WEIGHT	CG/ARM	MOMENT
RMV RT 359 transponder	-1.20	19.0	-22.80
Install GTX 327 transponder	<u>1.51</u>	19.0	<u>28.69</u>
	0.31		5.89
Old W&B	1485.6		57613.29
New W&B	1485.91	38.78	57619.18
Max takeoff	2400.0		
USEFUL LOAD	914.09		

COMPILED BY: GARY BRENNER      INSPECTED BY GARY BRENNER

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