

WEIGHT & BALANCE AND INSTALLED EQUIPMENT DATA

CESSNA AIRCRAFT COMPANY

SINGLE ENGINE DIVISION



MODEL	SERIAL & REGISTRATION		WEIGHT	ARM	MOMENT
182T	18281770	N2012Y	(lbs)	(in)	(lb-in)
(weighed)	STANDARD EMPTY WEIGHT		1,915.0	37.088	71,024
INSTALLED EQUIPMENT			<i>Net Change from Standard Aircraft</i>		
ALTERNATOR, 28 VOLT, 95 AMP			5.4	-32.300	-174
VINYL/LEATHER SEATS			2.0	61.761	124
AIRSPEED INDICATOR			0.0	0.000	0
ALTIMETER WITH 20 FT MARKING, DUAL WINDOW, 20000 FT			0.0	0.000	0
ATTITUDE INDICATOR			0.0	0.000	0
COMPONENTS REQUIRED FOR INFLATABLE RESTRAINT SYSTEM			0.4	53.800	22
EMERGENCY LOCATOR TRANSMITTER INSTL			0.0	0.000	0
ENGINE, LYCOMING IO-540 AB1A5			0.0	0.000	0
KAP 140 DUAL AXIS AUTOPILOT			0.0	0.000	0
PROPELLER, MCCAULEY, 3-BLADE, B3D36C431/80VSA-1			0.0	0.000	0
STC SA01700LA INFLATABLE RESTRAINT SYSTEM			7.6	57.800	439
WHEEL FAIRING INSTL			16.4	44.500	730
FIRE EXTINGUISHER INSTL			0.0	0.000	0
AFT AVIONICS COOLING FAN			1.1	125.500	138
AVIONICS COOLING FAN			0.5	12.600	6
BLIND TURN COORDINATOR			1.0	15.500	16
EQUIPMENT REMOVED FOR NAVIII			-34.4	12.600	-433
G1000 FORWARD EQUIPMENT RACK			2.2	14.000	31
GDC-74 AIR DATA COMPUTER (ADC)			1.7	11.400	19
GDL-69A XM WEATHER DATALINK RECEIVER			4.0	11.500	46
GDU-1040 MFD DISPLAY			6.4	15.000	96
GDU-1040 PFD DISPLAY			6.4	15.000	96
GEA-71 ENGINE ANALYZER			2.2	11.400	25
GIA-63 #1 COM/NAV/GPS COMPUTER			5.2	134.000	697
GIA-63 #2 COM/NAV/GPS COMPUTER			5.2	134.000	697
GMA-1347 AUDIO PANEL			1.5	14.200	21
GMU-44 MAGNETOMETER			0.3	44.000	13
GRS-77 ATTITUDE HEADING REFERENCE SYSTEM (AHRS)			2.5	134.000	335
GTX-33 MODE S TRANSPONDER			3.8	134.000	509
KA-92 GPS ANTENNA			0.3	39.000	12
MFD FAN			0.1	15.200	2
NAV III ANTENNA WIRING			3.5	44.000	154
NAV III AVIONICS WIRING			25.7	55.000	1,414
PFD FAN			0.1	13.800	1
SINGLE VACUUM PUMP			3.1	-2.200	-7
STANDBY BATTERY INSTALLATION			14.0	10.800	151
WIRING SUPPORT MODULE			0.7	12.000	8
BATTERY, 24V, 15.5 AH, MANIFOLD TYPE (NET CHANGE)			4.0	117.000	468
STORMSCOPE INSTALLATION			6.5	163.700	1,064

Weighed: 02/02/2006

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This list contains all installed optional equipment and avionics . All weights and arms are the installed difference from a standard equipped aircraft . For a detailed list of aircraft equipment weight and balance data, please refer to the comprehensive equipment list in the pilots operating handbook .

BASIC EMPTY WEIGHT	2,014.4	38.594	77,743
USEFUL LOAD	1,095.6		
MAXIMUM RAMP WEIGHT	3,110.0		
MAXIMUM TAKE-OFF WEIGHT	3,100.0		

Revised 27 Aug. 2005

Numerical values shown may be rounded from actual values . Therefore, the product of weight times arm may not equal the listed be rounded from actual values . Therefore, the product of weight times arm may not equal the listed moment .