

Aeropro A240 Equipment list
A240 s/n29309 N417R

	kgs	lbs
aircraft original empty weight	294.20	647.24
	millimeters	inches
original empty CG of aircraft	276.2	10.87

	weight lbs	Arm inches	Moment
original empty weight & CG	647.24	10.87	7035.49

equipment list: altimeter, ASI, VSI, compass, EIS,
 slip indicator, fuel pressure gauge, and ELT

standard equipment installed in U.S.:

	weight lbs	Arm inches	Moment
ICOM radio	1.1	-8	-8.8
ICOM radio harness	1.4	17.3	24.22
panel: Becker txpdr & AmeriKing encoder	2.1	-8	-16.8
panel: static system 4 oz	0.25	-8	-2
ELT batteries (6 D-cells)	2	40	80

optional equipment installed in U.S.:

panel: TruTrak Gemini ADI (1.5)	0	-8	-0
IFLY GPS	1.5	-8	-12
Uavionix EchoUat ADS-B	1	-8	-8
BRS ballistic recovery system	32	49	1568
added equipment subtotals.....	41		1624.62
empty aircraft as delivered totals.....	688.59	12.58	8660.11

conclusion: weight in pounds	688.59
conclusion: arm in inches (CG)	12.58
permitted range:	
max. CG forward (inches)	10.2
max. CG rearward (inches)	16.4
max. gross weight (lbs)	1235
available useful load	546.41

AIRCRAFT LOADING CALCULATIONS

	weight lbs	Arm inches	Moment
fuel lbs (6 lb/gallon)		17.3	0
occupant: pilot		17.3	0
occupant: copilot or passenger		17.3	0
baggage area		47.4	0
subtotal...	0.00		0.00
add empty aircraft as delivered totals...	688.59		8660.11
loaded aircraft totals...	688.59	12.58	8660.11

SUMMARY: LOADED AIRCRAFT

conclusion: loaded weight (lbs)	688.59
conclusion: CG - arm (inches)	12.58
permitted range:	
max. forward CG (inches)	10.2
max. rearward CG (inches)	16.4
max. allowed gross weight (lbs)	1235