



OE-KCS

ATS Engineering



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Cessna Authorised Service Facility
Tecnam Service & Delivery Centre

www.atsengineering.co.uk

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WEIGHT AND CENTRE OF GRAVITY SCHEDULE

Aircraft Registration	G-GAID	Aircraft Type	CESSNA 182T
Serial Number	18282386	MTOW	3100 lb

CENTRE OF GRAVITY LIMITS

FORWARD LIMIT	33.0 inches aft of datum	Below 2250 lb
	33.5 inches aft of datum	Between 2250-2700 lb
	40.9 inches aft of datum	Between 2700-3100 lb
AFT LIMIT	46.0 inches aft of datum	3100 lb or less

PART A: BASIC WEIGHT

Weighing report reference	Cessna (at build)
Weighing report date	07/12/2015
Basic weight of the aircraft as calculated from this weighing report	2037.6 lb
Centre of gravity in the same condition at this weight	39.968 inches
Total moment about the datum in this condition	81439.00 in/lb
Aircraft Weight and Balance Revision	N/A
Revision prepared by	N/A
Reason for revision	N/A
Revised basic weight	N/A
Revised centre of gravity	N/A
Revised total moment about the datum in this condition	N/A

Note: The datum is the lower portion of the front face of the firewall

PART B: VARIABLE LOAD

The weight and lever arms of the variable load are shown below. The variable load depends upon the equipment carried for the particular role.

ITEM	WEIGHT	LEVER ARM (in)	MOMENT (lb/in)
Pilot	Use actual	37.00	Calculate
Baggage area 1	Use actual	97.00	Calculate
Baggage area 2	Use actual	116.00	Calculate
Baggage area 3	Use actual	129.00	Calculate