

**B.L.A.S.**

## Weight & Centre of Gravity Schedule

Reference: G-OFRY/WS/08  
Aircraft type Cessna 152  
Nat. & Reg Marks: G-OFRY  
Constructor: Cessna Aircraft Corp.  
Constructor's Serial No.: 152-81420  
Max. Total Wt. Authorised: 1670 lbs.  
Centre of Gravity Limits: See Approved Flight Manual section 2.

### Part A Basic Weight

The basic weight of the aircraft as calculated from the Weighing Report dated 21/12/01 and the Weight and Centre of Gravity Change Record dated 14/04/2008 is 1205.4 lbs.

The C of G of the aircraft in the same condition at this weight is 34.46 inches aft of the datum

The total moment about the datum in this condition is 41539.75 inch/lbs.

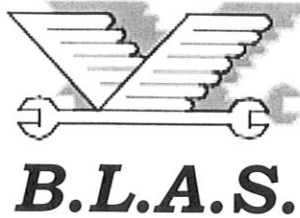
**Note:** The datum is the point referred to in the approved flight manual and is positioned at: the forward face of the firewall. All lever arms are in inches aft (+) or forward (-) of the datum.

The basic weight includes the weight of 9.0 lbs of unusable fuel and a full sump of engine lubricating oil and the weight of the equipment listed on the Required Equipment list.

### Part B Variable Load

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

<u>Item</u>	<u>Weight (lbs)</u>	<u>Lever arm (in)</u>	<u>Moment lb/in</u>
Pilot (one	Actual	39"	



## Part C Loading Information (Disposable Load)

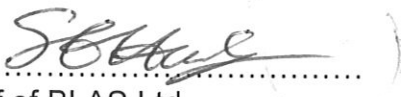
The total moment change when the landing gear is retracted is: N/A.

The appropriate lever arms are:

	<u>Weight lbs</u>	<u>Lever arm in.</u>	<u>Capacity</u>
Fuel in tanks	147.0	42.18	20.4 I.Gal.
Passengers in row 1 seats		39.0	
Passengers in row 2 seats			
Baggage area 1		64.0	
Baggage area 2		84.0	
Engine oil	Included in basic weight		

**Note:** To obtain the total loaded weight of the aircraft, add to the Basic Weight the weights of the items of Variable and Disposable Load to be carried for the particular role.

This schedule was prepared on 14/04/2008 and supersedes all previous issues.

Signed:  Inspector/Engineer  
On behalf of BLAS Ltd  
Approval reference AMR/277

**Note:** It is a requirement of the Air Navigation Order that the Commander of an aircraft satisfies himself that the load is of such a weight and is so distributed and secured that it may be safely carried on the intended flight.