



**WEIGHT AND CENTRE OF GRAVITY SCHEDULE**

REF. NUMBER **LW 12484** Issue. 1  
**PART B: VARIABLE LOAD**

The weight and lever arms of the crew and equipment which form the Variable Load for the particular role, are shown below.

ITEM	WEIGHT (lb)	ARM (in)	MOMENT (lb.in)
Pilot	actual	arm	actual wt. x arm

**PART C: LOADING INFORMATION (DISPOSABLE LOAD)**


The appropriate lever arms are:-

ITEM	WEIGHT	ARM	MOMENT
Fuel :- 64 USG	384 max. usable	48.40	actual wt. x 48.40
Front Passenger	actual	34.0 to 39.0	actual wt. x 34.0 to 39.0
Rear Passenger	actual	70.70	actual wt. x 70.70
Baggage in Baggage Compartment	120 maximum	95.50	actual wt. x 95.50
Baggage in Hatrack	10 maximum	119.00	actual wt. x 119.00

Fuel density is 6lb/USG

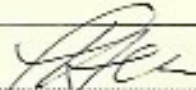
Note: To obtain the total loaded weight of the aircraft, add to the Basic Weight the weights of the Variable and Disposable Load items to be carried for the particular role.

This schedule was prepared for and on behalf of \_\_\_\_\_ the Owner  
on 12-Dec-19 and supersedes all previous issues.

Signed   
Thomas Hill

For and on behalf of Loadmasters Ltd CAA Approval ref. AI/9901/04

Note: The Commander of the aircraft shall satisfy himself before take-off that the load is of such a weight and is so distributed and secured that it may safely be carried on the intended flight.

WEIGHING RECORD				Ref. no.	19DE12484	Issue	1
Aircraft	Mooney M20J	Registration	G-BJHB	Serial no.	24-1190		
Place	Coventry	Date	12-Dec-19	Weighed by	Thomas Hill		
Equipment	Platforms	AC1-10	Air Guardian				
Aircraft attitude...[LEVEL]...degrees Nose Up / Down							
<div style="border: 1px solid black; padding: 5px; display: inline-block;">2 1</div>		<div style="border: 1px solid black; padding: 5px; display: inline-block;">6 5 4 3</div>		<div style="border: 1px solid black; padding: 5px; display: inline-block;">10 9 8 /</div>		<div style="border: 1px solid black; padding: 5px; display: inline-block;">12 11</div>	
nose wheels jacking point		main wheels		tail		tail wheel jacking point	
<b>All Weights in lb / kg</b>							
Pos'n	S/No	Weight (Each reaction)		Weight (Totals)	Arm in	Moment lb.kg.in.cm	
1	210			539	-4.95	-2,668	
2							
3							
4	456	665		1,343	66.05	88,705	
5	806	678					
6							
7							
8							
9							
10							
11							
12							
AS WEIGHED				1,882	45.72	86,037	
Total Subtractions (see cover)				Nil	0	0	
Total Additions (see cover)				Nil	0	0	
AIRCRAFT WEIGHT				1,882	45.72	86,037	
<b>REMARKS:</b>							
The Aircraft Weight with the fuel tanks empty (completely) but including unusable fuel, engine oil full, systems primed and equipped as per AeroTech Ltd.....							
Check List dated .....12-Dec-19 is .....1,882 lb.....							
The Centre of Gravity (Arm) is .....45.72 in..... aft of the datum							
Certified that the above mentioned aircraft has been weighed in accordance with the terms of the order applicable thereto and unless otherwise stated above conforms fully to the standards/specifications quoted herein and the requirement of the C.A.A. or other regulating authority.				Signed: 			
				for and on behalf of Loadmasters			
				C.A.A. Approval ref. AI/9901/04			