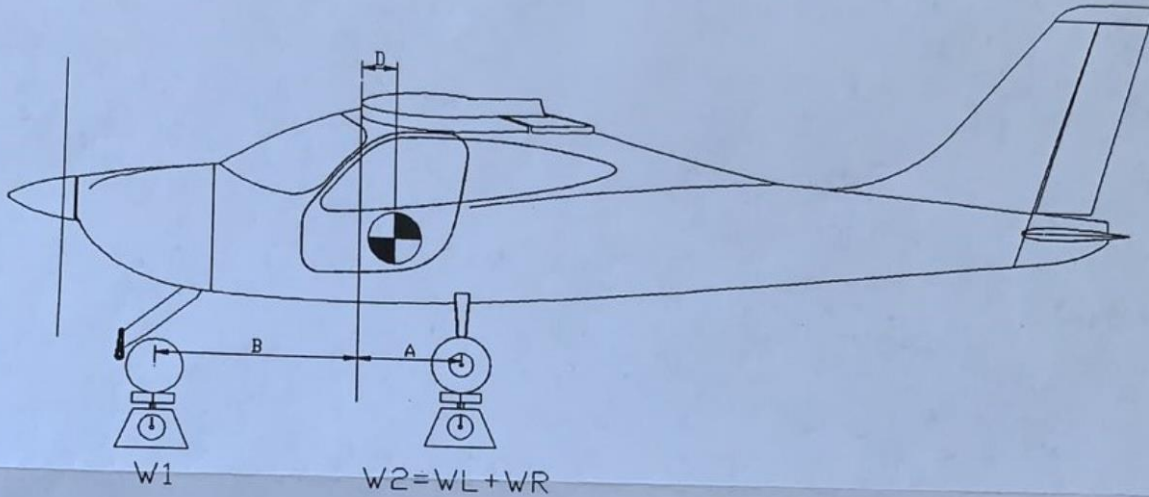


## Weight & Balance Data D-EIAP

<b>Model</b> P2008-JC	<b>Date</b> 19-04-2016	<b>s/n</b> 1060	<b>mark:</b> D-EIAP	<b>Report n°</b> 1060-JC/16
Manufactured by : <b>TECNAM</b> s.r.l. - Capua (CE) - Italy ☎ +39 0823 62 01 34				

### WEIGHT AND BALANCE

Datum : Propeller support flange w/o spacer;  
 Equipment list : see Aircraft Identification Handbook dated 19 Apr 2016



<b>Useful load</b>	<b>Max. weight</b>	
231	650	

Weight		Distance (mm)	
RH main wheel - WRH	kg. 169,0	A = 660	D = 305,8
LH main wheel - WLH	kg. 168,0	B = 1150	
Nosewheel - W1	kg. 82,0	W2 = 337 kg	D% = 22,3
Empty weight complete optional	<b>kg. 419,0</b>	Momentum (Kgm) =	784,7

Remark: The empty weight enclosed unusable fuel (3.1 Liter).  
 The empty weight enclosed oil engine, coolant liquid, oil brake.

Rem

Control: Carlo Silvestro

## Section 9 Supplements

Ed 2, Rev. 0

### Supplement no. S9

#### MTV-34 Propeller for airplanes with MTOW Increment at 650 kg

In order to compute the weight and balance of this aircraft, the following loading charts are provided. To compute weight and balance use the formula:

$$\text{Weight} * \text{Arm} = \text{Moment.}$$

Pilot&Passenger	
Weight(kg)	Moment (kgm)
10	18
20	36
30	54
40	72
50	90
60	108
70	126
80	144
90	162
100	180
110	198
120	216
130	234
140	252
150	270
160	288
170	306
180	324
190	342
200	360
210	378
220	396
230	414

Fuel		
Liter	Weight (kg)	Moment (kgm)
10	7.2	15.91
20	14.4	31.82
30	21.6	47.74
40	28.8	63.65
50	36	79.56
60	43.2	95.47
70	50.4	111.38
80	57.6	127.30
90	64.8	143.21
100	72	159.12
110	79.2	174.95
120	86.4	190.86
124	89.3	197.26

Baggage	
Weight(kg)	Moment (kgm)
5	12.05
10	24.10
15	36.15
20	48.20

	Meter	Inches
<b>Pilot and PAX</b>	1.800	70.90
<b>FUEL</b>	2.209	86.97
<b>BAGGAGE</b>	2.417	95.16

C.G.Range	Max FWD	Max AFT
Meters	1.841	1.978
Max Weight	Pounds	Kilograms
	1433.00	650.00