

**AIRCRAFT WEIGHT AND C.G DETERMINATION**

REPORT NO : 01/WB/SNB/VIII/2021  
DATE : 16 AUGUST 2021

AIRCRAFT REGISTRATION : PK-SNB  
AIRCRAFT TYPE : PILATUS PORTER PC-6  
AIRCRAFT SERIAL NUMBER : 1015  
PROPERTY OF : PT. SMART CAKRAWALA AVIATION  
PLACE OF WEIGHING : PILATUS FACTORY  
REASON OF WEIGHING : INITIAL  
CONFIGURATION : PAX  
PERFORMED BY : PILATUS FACTORY  
SIGNED: DATE: JULY 2021  
CHECKED BY : PILATUS FACTORY.  
SIGNED: DATE: JULY 2021

**RESULTS**

<b>EMPTY WEIGHT</b>	<b>: 1482.6 Kg</b>
<b>EMPTY C.G FROM DATTUM LINE</b>	<b>: 3.407 M</b>
<b>INDEX MAC %</b>	<b>: 21.42 %</b>
<b>VALID UNTIL</b>	<b>: JULY 2026</b>

**WEIGHING EQUIPMENT**

PART NUMBER	: UNK
SERIAL NUMBER	: UNK
VALIDATION	: UNK

APPROVED BY:

  
YANUAR ABDUL FATAH  
CHIEF INSPECTOR

### CENTER of GRAVITY

**C of G Position from datum** =  $\frac{\text{TOTAL MOMENT}}{\text{TOTAL WEIGHT}}$

$$= \frac{5052.14}{1482.6}$$

$$= 3.407 \text{ m}$$

### LOCATING PERCENT MAC

$$\text{As \% MAC} = \frac{\text{C of G} - 3.0 \text{ m}}{1.9 \text{ m}} \times 100$$

$$= \frac{3.407 - 3.0}{1.9} \times 100$$

$$= 21.42 \%$$

<b>PRIOR TO WEIGHT AND BALANCE CHECK</b>				
<b>AIRCRAFT TYPE</b> : PILATUS PORTER PC-6 <b>AIRCRAFT REGISTRATION</b> : PK-SNB <b>AIRCRAFT SERIAL NUMBER</b> : 1015 <b>DATE OF WEIGHING</b> : JULY 2021				
NO.	DESCRIPTION	APPL	CHECK	REMARKS
<b>A</b>	<b>STANDARD ITEMS</b>			
1	All fuel tank EMPTY or recorded / FULL	√	Empty	-
2	All engine oil tanks EMPTY or recorded / FULL	√	Full	-
3	All others oil tanks FULL (included Propeller, Starters, Gearbox and Air Cycle)	√	Full	-
4	Hydraulic tanks FULL	√	Full	-
<b>B</b>	<b>STANDARD EQUIPMENTS</b>			
1	Technical supply or Flight Kits	X	N/A	-
2	Aircraft Books, Manuals and Papers	X	1 Bag	-
3	AXE	X	1 EA	-
4	Fire Extinguisher	√	1 EA	-
5	First Aid Kit	X	1 Box	-
6	Life Vests	X	11 EA	-
7	Life Raft	X	N/A	-
8	Survival Kit	X	N/A	-