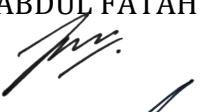


AIRCRAFT WEIGHT AND C.G DETERMINATION

REPORT NO : 03/WB/SNN/XII/2022
 DATE : 21 DECEMBER 2022

AIRCRAFT REGISTRATION	:	PK-SNN
AIRCRAFT TYPE	:	C208B EX
AIRCRAFT SERIAL NUMBER	:	208B5706
PROPERTY OF	:	PT. SMART CAKRAWALA AVIATION
PLACE OF WEIGHING	:	NABIRE (RECALCULATION)
REASON OF WEIGHING	:	RECALCULATION AFTER AP STOL INSTALLATION
CONFIGURATION	:	PAX
PERFORMED BY	:	YANUAR ABDUL FATAH
	SIGNED:	
		DATE: 21/12/2022
CHECKED BY	:	ISTIONO.
	SIGNED:	
		DATE: 21/12/2022

RESULTS

EMPTY WEIGHT	:	5360 Pounds
EMPTY C.G FROM DATTUM LINE	:	191.68 Inchs
INDEX MAC %	:	21.25 %
VALID UNTIL	:	OCTOBER 2027

WEIGHING EQUIPMENT

PART NUMBER	:	N/A
SERIAL NUMBER	:	N/A
VALIDATION	:	N/A

APPROVED BY:



YANUAR ABDUL FATAH
 CHIEF INSPECTOR



AIRCRAFT WEIGHT & BALANCE

TABLE 1

DESCRIPTION OF ACTION PERFORMED	WEIGHT (POUNDS)	CG ARM (INCHES)	MOMENT/1000 INCH POUNDS
SINGLE SEAT ASSY 5 TH ROW-LH ADDITIONAL	25.85	285.55	7.38
BENCH ASSY 4 TH ROW-RH ADDITIONAL	47.25	267.69	12.64
APE STOL KIT STC #: SAO1805SE	5.80	203.00	1.17
TOTAL	78.90	268.56	21.19

TABLE 2

AIRCRAFT WEIGHING REPORT	WEIGHT (POUNDS)	CG ARM (INCHES)	MOMENT/1000 INCH POUNDS
AIRPLANE (CALCULATED OR AS WEIGHED) (INCLUDES ALL UNDRAINABLE FLUIDS AND FULL OIL) INCLUDED DRAINABLE UNUSABLE FUEL AT 6.75 POUNDS PER GALLON	5281.10	190.53	1006.22
WEIGHT FROM TABLE 1 (+)	78.90	268.56	21.19
TOTAL	5360	191.68	1027.41

BASIC EMPTY WEIGHT AND CENTER OF GRAVITY TABLE

LOCATING PERCENT MAC

$$\begin{aligned} \text{CG Percent MAC} &= \frac{(\text{CG Arm of Airplane}) - 177.57}{0.6640} \\ &= \frac{191.68 - 177.57}{0.6640} \\ &= 21.25 \% \end{aligned}$$

PRIOR TO WEIGHT AND BALANCE CHECK				
AIRCRAFT TYPE : CESSNA C208B EX CARAVAN AIRCRAFT REGISTRATION : PK-SNN AIRCRAFT SERIAL NUMBER : 208B5706 DATE OF WEIGHING : 21 DECEMBER 2022 (RECALCULATION)				
NO.	DESCRIPTION	APPL	CHECK	REMARKS
A	STANDARD ITEMS			
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	STANDARD EQUIPMENTS			
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	-