



WEIGHING REPORT

Model DA 62

Serial Number 62 C112

Registration NE3PS

Data with reference to the Type Certificate Data Sheet and the Airplane Flight Manual

Reference Plane Vertical plane 2196mm (86 46in) in front of the leading edge of wing at the root rib

Horizontal reference line Front baggage compartment floor, right side

Equipment Inventory dated October 21 2025

Cause for Weighing

ORIGINAL

Weight and Balance Calculations (Weighing at the wheels)

Weight Condition Include brake fluid, hydraulic fluid, coolant, engine oil and unusable fuel
(7 57 liters / 2 US gal)

Support	Gross		Tare		Net
MAIN G1LH	679 93	kg	0	kg	679 93
MAIN G1RH	682 66	kg	0	kg	682 66
NOSE G2	353 35	kg	0	kg	353 35
Empty Weight					1715 94

Lever Arm		
X1LH =	2819	mm
X1RH =	2820	mm
X2 =	861 5	mm

Calculate the Empty Weight: $G = \text{MAIN G1LH} + \text{MAIN G1RH} + \text{NOSE G2}$		G =	1715 94	kg
Weight including required equipment for operation must be between: 1492 kg and 1583 kg if OAM 62-018 is installed or MAM 62-001 is not installed 1492 kg and 1730 kg if MAM 62-001 is installed				
Calculate the Empty Weight Moment $M = (G1LH \times X1LH) + (G1RH \times X1RH) + (G2 \times X2)$		M =	4146 237732	kg-m
Calculate the Empty Weight Center-of-Gravity position: $XCG = M/G$		XCG =	2 42	m
Maximum Take Off Weight	MAM 62-001 not installed or OAM 62-018 installed		1999	kg
MTOW	MAM 62-001 installed		2300	kg
Maximum useful load = MTOW - G			584 06	kg

Support	Gross		Tare		Net
MAIN G1LH	1499 00	lbs	0	lbs	1499 00
MAIN G1RH	1505 00	lbs	0	lbs	1505 00
NOSE G2	779 00	lbs	0	lbs	779 00
Empty Weight					3783 00

Lever Arm		
X1LH =	110 98	in
X1RH =	111 02	in
X2 =	33 92	in

Calculate the Empty Weight: $G = \text{MAIN G1LH} + \text{MAIN G1RH} + \text{NOSE G2}$		G =	3783 00	lbs
Weight including required equipment for operation must be between: 1492 kg and 1583 kg if OAM 62-018 is installed or MAM 62-001 is not installed. 1492 kg and 1730 kg if MAM 62-001 is installed.				
Calculate the Empty Weight Moment $M = (G1LH \times X1LH) + (G1RH \times X1RH) + (G2 \times X2)$		M =	359877 54	in-lbs
Calculate the Empty Weight Center-of-Gravity position: $XCG = M/G$		XCG =	95 13	in
Maximum Take Off Weight	MAM 62-001 not installed or OAM 62-018 installed		4407	lbs
MTOW	MAM 62-001 installed		5071	lbs
Maximum useful load = MTOW - G			1288 00	lbs

Record the Empty Weight (G) and the Empty-Weight Moment (M) in the Airplane Flight Manual.

Place / Date	DAIC - CYXU October 21, 2025	Authorizing Stamp	DA Q 81	Authorizing Signature	
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