

Reg. Marks	Type	Serial Number	C. N. n°	Operator	Place and Date
N992DS	V1.0	1028	-	-	NAPLES 23/12/19
Division		N. Passengers		Without de-icing the wings and tail	
-		0			

Reason for Weighing: DETERMING WEIGHT AND CENTER OF GRAVITY AFTER CONSTRUCTION

Measuring instrument used: CAPTELS ORA10 MVN

Position of airplane: LEVELLED

Weighing point used: NOSE WHEEL AND MAIN WHEELS

Reference plane of longitudinal distance: VERTICAL TANGENT LEADING EDGE WING

Mean aerodynamic chord (MAC) Length **L 53,5 in**

Datum **Y= 0 in**

Weighing point	Net Weight Lb	Arm in	Moment Lb x in
Left	698,864	26,38	18436,03
Right	683,432	26,38	18028,94
Nose	322,315	-42,52	-13704,83
TOTAL	A 1704,611		E 22760,13
Weights to be added	B 15,87 =	25,59	F 406,11 =
A + B ⇒	1720,481	E + F ⇒	23166,25 -
Weights to be subtracted	C 0,00 =	0,65	H 0,00 =
BASIC EMPTY WEIGHT G=A+B-C	1720,5	BASIC EMPTY WEIGHT MOMENT M=E+F-H	23166,248

Comments : The basic empty weight is related to the aircraft configuration Standard.
And the equipment list marked with an " X " in the AFM.
Weight to point A includes engine oil and hydraulic fluids of all system

Basic Empty weight Arm X = M/G =	13,465	% MAC = (X-Y)/L =	25,1%
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Certifying Staff:
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