

Reg. Marks	Type	Serial Number	C. N. n°	Operator	Place and Date
N994DS	V1.0	1029	-	-	NAPLES 21/01/20
Division		N. Passengers		Without de-icing the wings and tail	
-		0			

Reason for Weighing: DETERMINING 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	712,0923	26,38	18784,99
Right	690,0461	26,38	18203,42
Nose	305,0013	-42,52	-12968,66
TOTAL	A 1707,1397		E 24019,76
Weights to be added	B 15,87 =	25,59	F 406,11 =
A + B ⇒	1723,0097	E + F ⇒	24425,87 -
Weights to be subtracted	C 0,00 =	0,65	H 0,00 =
BASIC EMPTY WEIGHT G=A+B-C	1723,0	BASIC EMPTY WEIGHT MOMENT M=E+F-H	24425,869

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 $X = M/G =$	14,176	% MAC = $(X-Y)/L =$	26,5%
Certifying Staff: 		Vulcanair S.p.A. POAN° VA/106 - CS ANTONIO SAUTTO	