

Reg. Marks	Type	Serial Number	C. N. n°	Operator	Place and Date
F-HTLI	P.68 OBS 2	473-37/OB2		ISAE	Tarbes le 22/10/2020
Division		N. Passengers		Without de-icing the wings and tail, no Prop.De-ice	
		6			

Reason for Weighing: Pesée effectuée suite à STC 00-001-19 (sans les baies mesures et expérimentations) configuration 6 places + lot de bord

Measuring instrument used: Plateformes DINI ARGEO - DFWKR - S/N 0100165029

Position of airplane: SPIRIT 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 1.55 m**

Datum

**Y= 0 m**

Weighing point	Net Weight kg	Arm m	Moment kg x m
Left	663.0	0.818	542.334
Right	654.5	0.818	535.381
Nose	152.5	-2.783	-424.407
TOTAL	<b>A 1470</b>		<b>E 653.307</b>
Weights to be added	<b>B 19 =</b>	<b>0.77</b>	<b>F 14.63 =</b>
<b>A + B ⇒</b>	<b>1489.0</b>	<b>E + F ⇒</b>	<b>667.937</b>
Weights to be subtracted	<b>C 0.00 =</b>	<b>0.77</b>	<b>H 0.00 =</b>
BASIC EMPTY WEIGHT G=A+B-C	<b>1489.0</b>	BASIC EMPTY WEIGHT MOMENT M=E+F-H	<b>667.937</b>

Comments : The basic empty weight is related to the aircraft configuration in Long Range, carrying the equipment list marked with an " X " in the Flight Manual. Weight to point A includes engine oil and hydraulic fluids of all system

Basic Empty weight Arm  $X = M/G =$

**0.448**

% MAC =  $(X-Y)/L =$

**28.9%**

ISAE-SUPAERO / FR.MF.017 & MG.218

Organisme de Maintenance et de Gestion de Navigabilité

Le Responsable : F.BAZELOT

