

Nominativo A/M Aircraft Name 9A-MUC	Tipo A/M A/C Type A319	N° Fusoliera Fuselage N° 3	MSN S/N 4691	N. di L. Job Card A41-080000-01-1	Configurazione Cabina Cabin Configuration 150 PAX
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1ª OPERAZIONE DI PESATA / 1st WEIGHING OPERATION

Punti di lettura Scale Reading	N° Piattaforma Scale Reading	Letture Reading	Tara Tare	Peso netto Net Weight	TOTALE (Kg) TOTAL (Kg)
Carrello princ. Sx esterno Left Main Gear external	3	8400	0	8400	Carrello principale Sx Left Main Gear
Carrello princ. Sx interno Left Main Gear internal	4	8888	0	8888	17288
Carrello princ. Dx esterno Right Main Gear external	5	8678	0	8678	Carrello principale Dx Right Main Gear
Carrello princ. Dx interno Right Main Gear internal	6	8850	0	8850	17528
Carrello anteriore lato Sx Nose Gear left side	1	3196	0	3196	Carrello anteriore Nose Gear
Carrello anteriore lato Dx Nose Gear right side	2	2402	0	2402	5598
TOTALE A/M (Kg) / TOTAL A/C (Kg)					40414

2ª OPERAZIONE DI PESATA / 2nd WEIGHING OPERATION

Punti di lettura Scale Reading	N° Piattaforma Scale Reading	Letture Reading	Tara Tare	Peso netto Net Weight	TOTALE (Kg) TOTAL (Kg)
Carrello princ. Sx esterno Left Main Gear external	4	8402	0	8402	Carrello principale Sx Left Main Gear
Carrello princ. Sx interno Left Main Gear internal	3	8886	0	8886	17288
Carrello princ. Dx esterno Right Main Gear external	6	8682	0	8682	Carrello principale Dx Right Main Gear
Carrello princ. Dx interno Right Main Gear internal	5	8844	0	8844	17526
Carrello anteriore lato Sx Nose Gear left side	2	3174	0	3174	Carrello anteriore Nose Gear
Carrello anteriore lato Dx Nose Gear right side	1	2438	0	2438	5612
TOTALE A/M (Kg) / TOTAL A/C (Kg)					40426

PESO A/M NELLA CONDIZIONE COME PESATO (MEDIA DEI VALORI)
AIRCRAFT WEIGHT AS WEIGHTED CONDITION (AVERAGE OF VALUES)

LIVELLAMENTO AEROMOBILE / LEVEL AIRCRAFT PITCH = 0,47 DEGREE ROLL = 0,08 DEGREE

Punti di lettura Scale reading	Peso (Kg) Weight (Kg)
Carrello principale Sx Left Main Gear	17288,0
Carrello principale Dx Right Main Gear	17527,0
Carrello anteriore Nose Gear (W _N)	5605,0
PESO TOTALE a/m TOTAL WEIGHT A/C (W_T)	40420,0

ATTREZZATURA IMPIEGATA / EQUIPMENT USED: PLATFORMS (MODEL AC125LP)

PIATTAFORMA	N° 1	N° 2	N° 3	N° 4	N° 5	N° 6
P / N	100300	140006	100300	100300	100300	100300
S / N	0622PB07054	0622PB07051	0622PB07052	0622PB07053	22092386	22092387
EXPIRY DATE	31-Aug-2024	16-Apr-2024	16-Apr-2024	12-Apr-2024	5-Jul-2024	17-Apr-24

PESATA ESEGUITA DA
WEIGHTED PERFORMED BY

FERA M.



DATA
DATE

10-Feb-2024



A/M: 9A-MUC

AIRBUS 319 CG CALCULATION SPREADSHEET (CHECK LIST)

Calculation of the Position of the Center of Gravity on wheels

RIF. IA/ AIRCRAFT WEIGHING REPORT N° 3 / 24

AMM 08-10-00-200-001-A REV. 10

Pitch = 0,47

LH MLG REACTION (KG)	LH MLG REACTION (LB)
17288,0	38113,5
RH MLG REACTION (KG)	RH MLG REACTION (LB)
17527,0	38640,4
NLG REACTION (KG)	NLG REACTION (LB)
5605,0	12356,9

$$\text{H-arm (m)} = 18.690 - 2.738 \sin \alpha - \frac{11.090}{W} r = \frac{17,130}{\text{Metri}}$$

$$\text{CG (\%RC)} = 59.35 - 65.29 \sin \alpha - \frac{264.46}{W} r = \frac{674,40}{\text{Inches}}$$

$$= \frac{22,142}{\%}$$

W = Peso totale aeromobile / Total Aircraft Weight (Kg.)	W = 40420,0
r = Peso carrello anteriore / Nose landinggear Weight (Kg.)	r = 5605
α = Valore angolo di Pitch / α = Aircraft Pitch Attitude Value	

SIGN(NDT ACCOUNTABLE) Perma M.

DATE

10-Feb-2024