



Lab. CND

RAPPORTO DI PESATA AEROMOBILE  
AIRCRAFT WEIGHING REPORTLuogo  
Station  
NapoliN°  
011 / 24Nominativo A/M  
Aircraft Name  
9A-SHOTipo A/M  
A/C Type  
A-320N° Fusoliera  
Fuselage N°  
/S/N  
MSN  
3840N. di L. / Job Card  
Task N° A41  
080000-01-1Configurazione Cabina  
Cabin Configuration  
180 PAX1ª OPERAZIONE DI PESATA / 1<sup>st</sup> WEIGHING OPERATION

Punti di lettura Scale Reading	N° Piattaforma Scale Reading	Lecture Reading	Tara Tare	Peso netto Net Weight	TOTALE (Kg) TOTAL (Kg)
Carrello princ. Sx esterno Left Main Gear external	3	9184	0	9184	Carrello principale Sx Left Main Gear
Carrello princ. Sx interno Left Main Gear internal	4	9376	0	9376	18560
Carrello princ. Dx esterno Right Main Gear external	6	9628	0	9628	Carrello principale Dx Right Main Gear
Carrello princ. Dx interno Right Main Gear internal	5	9154	0	9154	18782
Carrello anteriore lato Sx Nose Gear left side	1	1811	0	1811	Carrello anteriore Nose Gear
Carrello anteriore lato Dx Nose Gear right side	2	2677	0	2677	4488
TOTALE A/M (Kg) / TOTAL A/C (Kg)					41830

2ª OPERAZIONE DI PESATA / 2<sup>st</sup> WEIGHING OPERATION

Punti di lettura Scale Reading	N° Piattaforma Scale Reading	Lecture Reading	Tara Tare	Peso netto Net Weight	TOTALE (Kg) TOTAL (Kg)
Carrello princ. Sx esterno Left Main Gear external	3	9154	0	9154	Carrello principale Sx Left Main Gear
Carrello princ. Sx interno Left Main Gear internal	4	9392	0	9392	18546
Carrello princ. Dx esterno Right Main Gear external	6	9586	0	9586	Carrello principale Dx Right Main Gear
Carrello princ. Dx interno Right Main Gear internal	5	9188	0	9188	18774
Carrello anteriore lato Sx Nose Gear left side	1	1785	0	1785	Carrello anteriore Nose Gear
Carrello anteriore lato Dx Nose Gear right side	2	2695	0	2695	4480
TOTALE A/M (Kg) / TOTAL A/C (Kg)					41800

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

LIVELLAMENTO AEROMOBILE / LEVEL AIRCRAFT PITCH = 0,09 DEGREE ROLL = 0,060 DEGREE

Punti di lettura Scale reading	Peso (Kg) Weight (Kg)
Carrello principale Sx Left Main Gear	18553,0
Carrello principale Dx Right Main Gear	18778,0
Carrello anteriore Nose Gear (W <sub>N</sub> )	4484,0
PESO TOTALE a/m TOTAL WEIGHT A/C (W <sub>T</sub> )	41815,0

## ATTREZZATURA IMPIEGATA / EQUIPMENT USED: PLATFORMS (MODEL AC125LP)

PIATTAFORMA	N° 1	N° 2	N° 3	N° 4	N° 5	N° 6
P / N	140006	140006	100300	100300	100300	100300
S / N	0622PB07051	22092382	0622PB07052	0622PB07053	0622PB070054	22092387
EXPIRY DATE	16-Apr-24	07-Feb-25	16-Apr-24	12-Apr-24	31-Aug-24	17-Apr-24

PESATA ESEGUITA DA  
WEIGHTED PERFORMED BY

FERA M.

DATA  
DATE

10-Apr-24



**A/M: 9A-SHO**

**Calculation of the Position of the Center of Gravity on wheels**  
 RIF. /A/ AIRCRAFT WEIGHING REPORT N° 11 / 24

Pitch = 0,09

LH MLG REACTION (KG)	LH MLG REACTION (LB)
18553,0	40902,3
RH MLG REACTION (KG)	RH MLG REACTION (LB)
18778,0	41398,4
NLG REACTION (KG)	NLG REACTION (LB)
4484,0	9885,5

$$H\text{-arm (m)} = 20.29 - 2.738 \sin \alpha - 12.690 \frac{(r + 21)}{W} = \text{Metri } 18,919$$

$$\% \text{ RC} = \frac{H\text{-arm} - 17.8015}{0.041935} = 26,639 \%$$

W = Peso totale aeromobile / Total Aircraft Weight (Kg.)	W = 41815,0
r = Peso carrello anteriore / Nose landing gear Weight (Kg.)	r = 4484,0
$\alpha$ = Valore angolo di Pitch / $\alpha$ = Aircraft Pitch Attitude Value	sen $\alpha$ = 0,002

SIGN(NDT ACCOUNTABLE ) Perna M.

DATE

10-Apr-2024