

Registration
Flight Number
Date

dd/mm/yy

DOW - Dry Operating Weight
Corrections (+ ou -)

48860
0
0

DOW - Corrected Dry Operating Weight
TOF - Take Off Fuel
OW - Operating Weight

=	48860
+	12600
=	61460

PASSENGERS

Local Passengers

Adult Weight Regular
Adult Weight Charter

Nbre Pax	100
Forfait Pax	76

7600

Transit Passengers

Adult Weight Regular
Adult Weight Charter

Pax Transits	80
Forfait Pax	76

6080

TOTAL PAX WEIGHT

A	13680
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BAGS

Estimated local Bags

Tare - Local ULD Weight

Estimated Transit Bags (Gross Weight)

Nbre ULD	3
Poids ULD	84
Forfait bag	0

1519
252
1200

TOTAL BAGS WEIGHT

B	2971
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CARGO

Estimated Local Cargo

Estimated Transit Cargo

610
0

TOTAL CARGO WEIGHT

C	610
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MAILS

Estimated Local Mail

Estimated Transit Mail

697
0

TOTAL MAIL WEIGHT

D	697
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TOTAL DEADLOAD

B+C+D	4278
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TOTAL PAYLOAD

A+B+C+D	17958
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TOTAL PAYLOAD

PRE-CALC

17958

DOW - Corrected Dry Operating Weight

+	48860
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EZFW - Estimated Zero Fuel Weight MZFW

=	66818
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71000

TOF - Take off Fuel

+	12600
---	-------

TOW - Take Off Weight

MTOW or OTOW

=	79418
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83000

TIF - Trip Fuel

-	11500
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LDW - Landing Weight

MLDW

=	67918
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75000

LIMITATIONS

MZFW		MLDW
71000	↓ ↓ ↓ ↓ ↓ ↓	75000
Take Off Fuel	↓ ↓ ↓ ↓ ↓ ↓	Trip Fuel
+ 12600	↓ ↓ ↓ ↓ ↓ ↓	+ 11500
Limitation ZFW	MTOW	Limitation LAW
= 83600	83000	= 86500
OW - Operating Weight	OW - Operating Weight	OW - Operating Weight
- 61460	- 61460	- 61460
Allowed Traffic Load	Allowed Traffic Load	Allowed Traffic Load
= 22140	= 21540	= 25040
Payload/Total Traffic L	Payload/Total Traffic L	Payload/Total Traffic L
- 17958	- 17958	- 17958
Underload Before LMC	Underload Before LMC	Underload Before LMC
= 4182	= 3582	= 7082

DOI - Dry Operating In

OA	180	X	65	53,18	54
220					

Passengers Distribu

OA	54
OB	69
OC	57
220	

OB	180	X	84	68,73	69
220					
OC	180	-	54	-	69
		OA			OB
57					

Cross Check

Weight	+	Underload Before L	=	Maxi Limitation
66818		4182		71000

1	CONTENEUR PLEIN				
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$$40 \quad \times \quad 15 \quad + \quad 84 \quad = \quad 684$$

2	TOUS LES CONTENEURS PLEINS				
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$$2 \quad \times \quad 684 \quad = \quad 1368$$

3	POIDS DES BAGAGES EN GROSS WEIGHT				
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$$1500 \quad + \quad 3 \quad \times \quad 84 \quad = \quad 1752$$

252

4	CONTENEUR RESTE				
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$$1752 \quad - \quad 1368 \quad = \quad 384$$

1	MOYENNE BAGAGE				
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1760 Divisé Par 110 = 16,00 = **16,0**

2	CONTENEUR PLEIN				
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39	X	16,0	+	90	=	714
42	X	16,0	+	90	=	762
0	X	16,0	+	0	=	0
0	X	16,0	+	0	=	0
0	X	16,0	+	0	=	0
0	X	16,0	+	0	=	0
0	X	16,0	+	0	=	0

Cas de plusieu

3	TOUS LES CONTENEURS PLEINS				
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ULD1	ULD2	ULD3	ULD4	ULD5	ULD6	ULD7	
714	762	0	0	0	0	0	1476

Cas de plusieurs conteneurs p

4	POIDS DES BAGAGES EN GROSS WEIGHT				
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1760 + 2 X 84 = **1928**

Poids Check-in

168

5	CONTENEUR RESTE OU BAGAGE RESTE				
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1928 - 1476 = **452**

Cas de plusieurs conteneurs pleins différents



LOAD INSTRUCTIONS REPORT

A321

PREVISION											
11L	12L	21L	22L	23L		31L	32L	33L	41L	42L	5
			JFK/C/AK H/610.RR W	JFK/M/ AKH/69 0		JFK/BT/A KH/610	JFK/BT/A KH/610	JFK/BY/AK H/684	JFK/BY/A KH/384/R	BKO/BY/ AKH/684	JFK/E/7.COM
DOOR									DOOR		DOOR
TOTAL: KG						TOTAL: KG					TTL: KG

FINAL											
11L	12L	21L	22L	23L		31L	32L	33L	41L	42L	5
			JFK/C/AK H/610.RR W	JFK/M/ AKH/69 0		JFK/BT/A KH/610	JFK/BT/A KH/610	JFK/BY/AK H/714		JFK/BY/A KH/762	JFK/E/7.COM JFK/BT/5 JFK/BY/452/R
DOOR									DOOR		DOOR
TOTAL: KG						TOTAL: KG					TTL: KG

LOADING INSTRUCTIONS

A321-100 (MTOW 83T)						DATE	AIRCRAFT	FLT NR	CREW	FROM	PREPARED	TO	APPROVED				
DESTIN.					WEIGHT	PAX CABIN INDEX Index value based on PAX weight 76 kg.				STAB TRIM SETTING		CARGO INDEX				(-) A	(+) B
	OA	OB	OC	TOTAL		PAX	ZONES			MAC (%)	TRIM	WEIGHT (kg)	ZONES			DOI	
							OA	OB	OC				FWD (Cpt 1&2)	AFT (Cpt 3&4)	AFT/BULK (Cpt 5)		
M				71	5893	5	-4.1	-0.4	3.4	10	4.5	300	-2.9	2.2	4.0	FWD CARGO	-2,90
F				92	6348	10	-8.3	-0.9	6.9	12	4.5	600	-5.8	4.5	7.9	AFT CARGO	35,90
C				20	700	15	-12.4	-1.3	10.3	14	3.9	900	-8.7	6.7	11.9	AFT/BULK	4,00
I				3	0	20	-16.5	-1.8	13.8	16	3.4	1200	-11.6	9.0	15.8	OA	-37,20
TOTAL	33	80	70	183	12941	30	-24.8	-2.6	20.7	20	2.3	1497	-14.5	11.2	19.8	OB	-7,40
BAGGAGE						35	-28.9	-3.1	24.1	22	1.7	1500	-14.5	11.2	MAX 1497	OC	48,20
Fwd (Cpt 1&2)				1300		40	-33.1	-3.5	27.6	24	1.2	1800	-17.4	13.4		SUM (+) (-)	-47,50
Aft (Cpt 3&4)				2696		45	-37.2	-3.9	31.0	26	0.6	2100	-20.3	15.7			47,50
Aft Bulk (Cpt 5)				464		50	-41.3	-4.4	34.4	28	0.1	2400	-23.2	17.9		LIZFW	75,80
TOTAL				4460		55	-45.5	-4.8	37.9	30	-0.5	2700	-26.1	20.2		FUEL	-5,00
TOTAL TR LOAD					17401	60	-49.6	-5.3	41.3	32	-1.0	3000	-29	22.4		LITOW	70,80
DRY OPR WEIGHT					48945	65	-53.7	-5.7	44.8	34	-1.6	3300	-31.9	24.7			
ZERO FUEL WEIGHT					66346	70	MAX 85	-6.1	48.2	36	-2.1	3600	-34.8	26.9			
T/O FUEL					13100	71		-6.2	48.9	38	-2.7	3900	-37.7	29.1			
T/O WEIGHT					79446	75		-6.6	MAX 71	40	-3.2	4200	-40.6	31.4			
TRIP FUEL					11600	80		-7.0		42	-3.5	4500	-43.5	33.6			
LANDING WEIGHT					67846	84		-7.4		44	-3.5	4800	-46.4	35.9			
LAST MINUTE CHANGE					67861	MAX 84				46	-3.5	5100	-49.3	38.1			
2 STROLLERS						Mac ZF :											
						Mac TO :											
						TOB : PAX											
						MAX											
						U'LOAD											
						MAX											
						REGUL											
						U'LOAD											
						MAX											
						U'LOAD											
						TOTAL											
						15											

FUEL (Kg)			
320	0.3	9920	-6.4
640	0.7	10240	-6.1
960	-1.1	10560	-5.8
1280	-1.4	10880	-5.4
1600	-1.8	11200	-5
1920	-2.1	11520	-4.6
2240	-2.5	11840	-4
2560	-2.8	12160	-3.4
2880	-3.1	12392	-2.9
3200	-3.4	12640	-3.2
3520	-3.7	12960	-3.6
3840	-4	13280	-4
4160	-4.3	13600	-4.4
4480	-4.6	13920	-4.9
4800	-4.9	14240	-5.4
5120	-5.1	14560	-5.9
5440	-5.4	14880	-6.4
5760	-5.6	15200	-6.9
6080	-5.8	15520	-7.4
6400	-6	15840	-7.9
6720	-6.2	16160	-8.4
7040	-6.4	16480	-8.9
7360	-6.6	16800	-9.4
7680	-6.8	17120	-9.9
8000	-6.9	17440	-10.4
8320	-6.9	17760	-10.9
8640	-6.9	18080	-11.4
8960	-6.8	18400	-11.9
9280	-6.7	18720	-12.4
9600	-6.6	18960	-12.9

FUEL (Kg)			
320	-0.3	9920	-6.4
640	-0.7	10240	-6.1
960	-1.1	10560	-5.8
1280	-1.4	10880	-5.4
1600	-1.8	11200	-5
1920	-2.1	11520	-4.6
2240	-2.5	11840	-4
2560	-2.8	12160	-3.4
2880	-3.1	12392	-2.9
3200	-3.4	12640	-3.2
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3840	-4	13280	-4
4160	-4.3	13600	-4.4
4480	-4.6	13920	-4.9
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9600	-6.6	18960	-12.9

