

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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$$3 \quad \times \quad 684 \quad = \quad 2052$$

3	POIDS DES BAGAGES EN GROSS WEIGHT					
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$$1875 \quad + \quad 4 \quad \times \quad 84 \quad = \quad 2211$$

336

4	CONTENEUR RESTE					
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$$2211 \quad - \quad 2052 \quad = \quad 159$$



LOAD INSTRUCTIONS REPORT

A321

PREVISION											
11L	12L	21L	22L	23L		31L	32L	33L	41L	42L	5
				GVA/M/ AKH/42 0		GVA/C/A KH/322.R OX	GVA/C/A KH/550.R FL	GVA/BY/A KH/684	GVA/BY/ AKH/159 /R	GVA/BY/ AKH/684	GVA/C/12.AVI
DOOR								DOOR			
TOTAL: 420 KG						TOTAL: 2397 KG				TTL: 12 KG	

FINAL											
11L	12L	21L	22L	23L		31L	32L	33L	41L	42L	5
				GVA/M/ AKH/42 1		GVA/C/A KH/322.R OX	GVA/C/A KH/548.R FL	GVA/BY/A KH/752	GVA/BY/ AKH/435 /R	GVA/BY/ AKH/752	GVA/C/15.AVI
DOOR								DOOR			
TOTAL: 421 KG						TOTAL: 2809 KG				TTL: 15 KG	

LOADING INSTRUCTIONS

Bonjour, chargez L'AKH Mail en cpt 23, L'AKH ROX en 31, l'AKH RFL en 23, les AKH Bags pleins en 33 et 42 puis l'AKH Bags reste en 41. Enfin l'AVI en Bulk (cpt 5). Merci

DATE	FLT NR	FROM	TO
AIRCRAFT	CREW	PREPARED	APPROVED

ZERO FUEL WEIGHT	63838	MAX	71000	FUEL (Kg)			
	63838	U'LOAD	7162	320	-0.3	9920	-6.4
T/O FUEL	10330			640	-0.7	10240	-6.1
T/O WEIGHT	74168	MAX	83000	960	-1.1	10560	-5.8
	74168	REGUL		1280	-1.4	10880	-5.4
TRIP FUEL	9600	U'LOAD	8832	1600	-1.8	11200	-5
LANDING WEIGHT	64568	MAX	75000	1920	-2.1	11520	-4.6
	64568	U'LOAD	10432	2240	-2.5	11840	-4
LAST MINUTE CHANGE			WEIGHT	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
TOTAL			0				

The chart is a Weight and Balance diagram. The vertical axis represents Aircraft Weight in thousands of kilograms (kg x 1000), ranging from 45 to 90. The horizontal axis represents Fuel Weight in thousands of kilograms (kg x 1000), ranging from 10 to 100. The chart includes several key weight limits and fuel consumption lines:

- Maximum Ramp Weight (83000 kg):** A solid line sloping upwards from left to right.
- Maximum Takeoff Weight (75000 kg):** A solid line sloping upwards from left to right, below the Ramp Weight line.
- Maximum Landing Weight (62423 kg):** A solid line sloping upwards from left to right, below the Takeoff Weight line.
- Fuel Consumption Lines:** A series of diagonal lines sloping downwards from left to right, labeled with fuel weights (e.g., 1000, 2000, 3000, 4000, 5000, 6000, 7000, 8000, 9000, 10000, 11000, 12000, 13000, 14000, 15000, 16000, 17000, 18000, 19000, 20000, 21000, 22000, 23000, 24000, 25000, 26000, 27000, 28000, 29000, 30000, 31000, 32000, 33000, 34000, 35000, 36000, 37000, 38000, 39000, 40000, 41000, 42000, 43000, 44000, 45000, 46000, 47000, 48000, 49000, 50000, 51000, 52000, 53000, 54000, 55000, 56000, 57000, 58000, 59000, 60000, 61000, 62000, 63000, 64000, 65000, 66000, 67000, 68000, 69000, 70000, 71000, 72000, 73000, 74000, 75000, 76000, 77000, 78000, 79000, 80000, 81000, 82000, 83000, 84000, 85000, 86000, 87000, 88000, 89000, 90000, 91000, 92000, 93000, 94000, 95000, 96000, 97000, 98000, 99000, 100000).

A red vertical line is drawn at 20.9% fuel weight, and a red horizontal line is drawn at 62.423 aircraft weight. The intersection of these lines is labeled 'EZFW 62423' and 'MACZFW 20.9%'.

A321-100 (MTOW 83T)					DATE	AIRCRAFT	FLT NR	CREW	FROM	PREPARED	TO	APPROVED								
DESTIN.					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				65	5	-4.1	-0.4	3.4	10	4.5	300	-2.9	2.2	4.0	FWD CARGO	-5,80	35,60			
F				55	10	-8.3	-0.9	6.9	12	4.5	600	-5.8	4.5	7.9	AFT CARGO		22,40			
C				5	15	-12.4	-1.3	10.3	14	3.9	900	-8.7	6.7	11.9	AFT/BULK		4,00			
I				7	20	-16.5	-1.8	13.8	16	3.4	1200	-11.6	9.0	15.8	OA	-16,50				
TOTAL	20	80	25	125	25	-20.7	-2.2	17.2	18	2.8	1497	-14.5	11.2	19.8	OB	-7,00				
BAGGAGE					30	-24.8	-2.6	20.7	20	2.3	1500	-14.5	11.2	MAX 1497	OC		17,20			
Fwd (Cpt 1&2)					35	-28.9	-3.1	24.1	22	1.7	1800	-17.4	13.4		SUM (+) (-)	-29,30	79,20			
Aft (Cpt 3&4)					40	-33.1	-3.5	27.6	24	1.2	2100	-20.3	15.7			➡	-29,30			
Aft Bulk (Cpt 5)					45	-37.2	-3.9	31.0	26	0.6	2400	-23.2	17.9		LIZFW		49,90			
TOTAL					50	-41.3	-4.4	34.4	28	0.1	2700	-26.1	20.2		FUEL	-5,80				
TOTAL TR LOAD					55	-45.5	-4.8	37.9	30	-0.5	3000	-29	22.4		LITOW		44,10			
DRY OPR WEIGHT					60	-49.6	-5.3	41.3	32	-1.0	3300	-31.9	24.7							
					65	-53.7	-5.7	44.8	34	-1.6	3600	-34.8	26.9							
					70	MAX 85	-6.1	48.2	36	-2.1	3900	-37.7	29.1							
					71		-6.2	48.9	38	-2.7	4200	-40.6	31.4							
					75		-6.6	MAX 71	40	-3.2	4500	-43.5	33.6							
					80		-7.0		42	-3.5	4800	-46.4	35.9							
					84		-7.4		44	-3.5	5100	-49.3	38.1							
						MAX 84			46	-3.5	5400	-52.2	40.3							
											5670	-54.8	42.4							
											MAX 5670	MAX 5670								
					Mac ZF : 25.5%															
					Mac TO : 22.6%															
					TOB : 125+7 INF PAX															
ZERO FUEL WEIGHT					MAX				71000											
					U'LOAD				9100											
T/O FUEL																				
T/O WEIGHT					MAX				83000											
					REGUL															
TRIP FUEL					U'LOAD				10770											
LANDING WEIGHT					MAX				75000											
					U'LOAD				12370											
LAST MINUTE CHANGE								WEIGHT												
4 Strollers								60												
2 pax								176												
2 Bags								35												
					TOTAL				271											

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
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8000	-6.9	17440	-10.4
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8640	-6.9	18080	-11.4
8960	-6.8	18400	-11.9
9280	-6.7	18720	-12.4
9600	-6.6	18960	-12.9

	(-) A	(+) B
DOI		35,60
FWD CARGO	-5,80	
AFT CARGO		22,40
AFT/BULK		4,00
OA	-16,50	
OB	-7,00	
OC		17,20
SUM (+) (-)	-29,30	79,20
		-29,30
LIZFW		49,90
FUEL	-5,80	
LITOW		44,10

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