

SERIAL NO. N547LM				REGISTRATION: BB-1642			DATE: 01/16/2020	
PAYLOAD COMPUTATIONS				R E F	ITEM	WEIGHT	MOMENT	C.G.
ITEM	WEIGHT	ARM	MOM/100	1	BASIC EMPTY WEIGHT	8478.5	1589206	187.44
PASSENGERS OR CARGO								
PILOT	267	129	344.43					
PAX 1	260	176	457.60	2	PILOT	267	34443.00	
PAX 2	225	222	499.50	3	PASSENGERS	485	95710.00	
EFB BAG & FLIGHT MANUALS	8	148	11.84					
PILOT BACKPACK	10	176	17.60	4	BAGS & CARGO	484.3	139758.18	
RAMP, RAFT, SURVIVAL GEAR	117	220	257.40	5	TOTAL PAYLOAD	1236.3	269911.18	
DEICE FLUID, LADDER, MED EQUIPEMENT (LESS ITEMS ON MED BED), NURSE BAGS	307	325	997.75	6	SUBTOTAL: ZERO FUEL CONDITION. DO NOT EXCEED 11,000 LBS.	9714.8	#####	219.15
MED BED EQUIPMENT	42.3	267.12	112.99					
				7	FUEL LOADING	3644.8	693600.00	
				8	SUBTOTAL: RAMP CONDITION	13359.6	#####	211.28
				9	LESS FUEL FOR START, TAXI, AND TAKEOFF	90	107100.00	
				10	SUBTOTAL: TAKEOFF CONDITION	13269.6	#####	204.64
				11	LESS FUEL TO DESTINATION	2010	368600.00	
				12	LANDING CONDITION	11259.6	#####	208.44
TOTAL PAYLOAD	1236.3		2699.11					

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RAMP, RAFT, SURVIVAL GEAR	117	220	257.40	5	TOTAL PAYLOAD	1236.3	269911.18		
DEICE FLUID, LADDER, MED EQUIPEMENT (LESS ITEMS ON MED BED), NURSE BAGS	307	325	997.75	6	SUBTOTAL: ZERO FUEL CONDITION. DO NOT EXCEED 11,000 LBS.	9714.8	2129027.85		219.15
MED BED EQUIPMENT	42.3	267	112.99						
				7	FUEL LOADING	3015	693600.00		
				8	SUBTOTAL: RAMP CONDITION	12730	2822627.85	221.73	
				9	LESS FUEL FOR START, TAXI, AND TAKEOFF	90	107100.00		
				10	SUBTOTAL: TAKEOFF CONDITION	12640	2715527.85	214.84	
				11	LESS FUEL TO DESTINATION	2010	368600.00		
TOTAL PAYLOAD	1236.3		#####	12	LANDING CONDITION	10630	2346927.85	220.79	

N547LM ANC to DUT

	Weight (LB)	F.S. (in)	moment/100
BEW	8,478.50	187.44	1,589,205.50
Pilot	267	129	34,443
Copilot	140	129	18,060
Aft facing pax. Seat	260	176	45,760
Mid pax. seat	225	215	48,375
Aft pax seat	280	259	72,520
Jumpseat (life raft).	48	159.1	7,636.8
Cabinet	8	158	1,264
Wing lockers	42	220	9,240
Aft baggage	461.3	325	149,922.5
Forward med bed	54	203.1	10,967.4
Aft med bed	53	267.1	14,156.3
Fuel (493 gal)	3,303		622,570
Takeoff weight	13,619.8	192.67	2,624,120.5