



## Diamond DA40 Weight and Balance

**DA40-180 N104JA S/N: 40.440**

Item	Weight	Arm	Moment
Basic Empty Weight	1746.3	96.73	168,920
Oil not added	-3.75	39.4	-148
Pilot and Front Seat Passenger		90.6	
Back Seat Passengers		128.0	
Baggage		143.7	
Zero Fuel Weight and Balance			
Fuel		103.5	
Allowance for Taxi	-12.0	103.5	-1242.0
Takeoff Weight and Balance			
Maximum Takeoff Weight	2,646.0		
Maximum Landing Weight	2,535.0		

## Runway Lengths

	Departure	Arrival
Airport Name		
Takeoff Distance Required		
Landing Distance Required		
Runway Available		

Updated 18 September 2011 in accordance with MÄM 40-227.

NOTE: The difference between maximum takeoff and landing weights implies that, after a MTOW takeoff, the plane must be flown for approximately 2 hours before landing can be made at a legal weight.