

## Specifications & Descriptions / Performance

The Citation X will climb to 43,000 feet in just 30 minutes at its maximum takeoff weight, lifting you swiftly to transcontinental and transatlantic crossing altitudes. And the Citation X is certified to fly as high as 51,000 feet - where fuel efficiency is optimized and airline traffic is nonexistent.

### ▶ Takeoff Performance

METRIC

(15° Flaps) Required Field Length per FAR 25			
	TAKEOFF DISTANCE (m)		
WEIGHT (kg)	SEA LEVEL 15°C	1,524 m 5°C	1,524 m 25°C
16,375	1,567	1,814	---
16,193	1,535	1,769	---
15,422	1,417	1,588	2,082
14,515	1,225	1,402	1,795
13,608	1,149	1,314	1,551
12,701	1,100	1,250	1,344
11,340	1,061	1,204	1,195

Note: Takeoff and landing field lengths are based on dry, level, hard surface runways with no wind.

### ▶ Landing Performance

METRIC TOP

Sea Level, Standard Day	Distance From 15.2 m Above the Runway
WEIGHT (kg)	DISTANCE (m)
14,424	1,036
13,608	972
12,701	920
11,793	866
10,886	811

### ▶ Climb Performance

METRIC TOP

Time (min)	TAKEOFF WEIGHT (kg)		
Altitude (m)	12,701	14,515	16,193
7,620	8	9	10
10,668	12	14	17
12,497	15	18	23
13,106	17	20	28
13,716	19	25	---
14,326	22	---	---

  

Distance (km)	TAKEOFF WEIGHT (kg)		
Altitude (m)	12,701	14,515	16,193
7,620	58	72	87
10,668	108	132	161
12,497	143	179	232
13,106	164	209	296

13,716	192	264	---
14,326	245	---	---
<b>Fuel (kg)</b>			
<b>TAKEOFF WEIGHT (kg)</b>			
Altitude (m)	12,701	14,515	16,193
7,620	203	251	301
10,668	298	359	435
12,497	353	432	541
13,106	377	470	623
13,716	409	532	---
14,326	465	---	---

**Cruise Performance\*** METRIC TOP

<b>WEIGHT (kg)</b>	12,701	14,515	15,876
Altitude (m)	Speed (KTAS)/fuel flow (kg/hr)		
11,278	973/1,256	966/1,253	958/1,252
11,887	966/1,127	956/1,127	947/1,121
12,497	956/1,014	943/1,008	934/1,005
13,106	945/911	930/908	915/904
13,716	932/820	907/815	880/808
14,326	914/738	---/---	---/---

\*Maximum cruise thrust.

08/09/2006

