



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 ENGLISH

(15° Flaps) Required Field Length per FAR 25

WEIGHT (lbs)	TAKEOFF DISTANCE (ft)		
	SEA LEVEL 59°F	5000 ft 41°F	5000 ft 77°F
36,100	5,200	5,950	---
35,700	5,035	5,805	---
34,000	4,560	5,210	6,830
32,000	4,020	4,600	5,890
30,000	3,770	4,310	5,090
28,000	3,600	4,100	4,410
25,000	3,470	3,950	3,920

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

Landing Performance ENGLISH TOP

Sea Level, Standard Day Distance From 50 ft Above the Runway

WEIGHT (lbs)	DISTANCE (ft)
31,800	3,820
30,000	3,580
28,000	3,380
26,000	3,180
24,000	2,970

Climb Performance ENGLISH TOP

Time (min)	TAKEOFF WEIGHT (lbs)		
	28,000	32,000	35,700
Altitude (ft)			
25,000	9	11	13
35,000	13	16	19
41,000	16	20	25
43,000	18	23	30
45,000	20	28	---
47,000	24	---	---

Distance (nm)	TAKEOFF WEIGHT (lbs)		
	28,000	32,000	35,700
Altitude (ft)			
25,000	52	63	75
35,000	84	103	123
41,000	107	133	167
43,000	119	153	207
45,000	136	190	---
47,000	166	---	---

Fuel (lbs)	TAKEOFF WEIGHT (lbs)		
	28,000	32,000	35,700
Altitude (ft)			
25,000	550	660	777
35,000	770	932	1,110
41,000	889	1,095	1,340
43,000	943	1,183	1,519
45,000	1,012	1,333	---
47,000	1,122	---	---

Cruise Performance* ENGLISH TOP

WEIGHT (lbs)	28,000	32,000	35,000
Altitude (ft)	Speed (KTAS)/Fuel Flow (lbs/hr)		
37,000	525/2,772	521/2,758	517/2,752
39,000	521/2,493	515/2,476	511/2,474
41,000	516/2,241	509/2,228	504/2,217
43,000	510/2,013	502/2,008	494/1,994
45,000	503/1,806	491/1,799	475/1,784
47,000	493/1,625	---/---	---/---

*Maximum cruise thrust.

Last Updated: 12/00



