

# Citation **CJ3**

## Specifications & Descriptions / Performance

The CJ3 is a remarkable combination of power, speed and flexibility. Fuel-efficient Williams FJ44-3A engines, rated at 2,780 pounds of thrust each, deliver speeds of up to 417 kts (479 mph) and direct climbs to 45,000 feet in just over 35 minutes.

### Takeoff Performance

ENGLISH

(15° Flaps) Required Field Length per FAR 25			
TAKEOFF DISTANCE (ft)			
WEIGHT (lbs)	SEA LEVEL 59°F	5000 ft 41°F	5000 ft 77°F
13,870	3,450	4,040	5,200
13,500	3,280	3,860	4,940
12,500	2,870	3,370	4,290
11,500	2,640	3,010	3,690

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)
12,750	3,070
12,500	3,030
11,500	2,890
11,000	2,820
10,000	2,680

### Climb Performance

ENGLISH TOP

Time (min)	TAKEOFF WEIGHT (lbs)		
Altitude (ft)	11,000	12,000	13,500
25,000	7	7	9
33,000	10	11	13
37,000	12	13	16
41,000	15	17	21
45,000	20	23	35

Distance (nm)	TAKEOFF WEIGHT (lbs)		
Altitude (ft)	11,000	12,000	13,500
25,000	29	32	38
33,000	46	52	62
37,000	57	64	79
41,000	73	83	105
45,000	98	116	176

Fuel (lbs)	TAKEOFF WEIGHT (lbs)		
Altitude (ft)	11,000	12,000	13,500
25,000	222	245	290
35,000	297	330	394
37,000	335	372	449
41,000	378	424	531
45,000	444	513	702

### Cruise Performance\*

ENGLISH TOP

WEIGHT (lbs)	11,000	12,000	13,500
Altitude (ft)	Speed (KTAS)/Fuel Flow (lbs/hr)		
33,000	418/1,310	416/1,308	414/1,306
37,000	412/1,117	410/1,115	407/1,111
41,000	406/913	403/910	397/904
43,000	401/822	397/818	386/809
45,000	395/740	387/734	367/720

\*Maximum cruise thrust.

09/06/2002

