



## CITATION SII WITH CLIFFORD FJ44-3A CONVERSION VS. CITATION SII



Aircraft	S550 FJ44		S550
Engine	Williams		P&W
Thrust per engine	2820 lbf	(+13%)	2500 lbf
Thrust to weight	0.37	(+9%)	0.34
Long Range Cruise kts	365 kts	(+17%)	312 kts
Takeoff Field Length (no T/Rs)	2916 ft	(-10%)	3240 ft
Single Engine Climb Rate	613 fpm	(+34%)	459 fpm
NBAA IFR Range- 4 pass	2533 nm	(+55%)	1647 nm
Fuel Cost Per Seat Mile	31 cents	(-34%)	47 cents
Time to Climb – 43,000 ft	25 minutes	(-72%)	107 minutes
Time Between Overhaul (TBO)	4000 hrs	(+33%)	3000 hrs

Source: Clifford Development certification flight tests and the Citation SII flight manual.

## PERFORMANCE

### CITATION SII WITH CLIFFORD FJ44-3A CONVERSION VS. LIGHT JETS



Aircraft	S550 FJ44	S550	CJ3	C560
MFG	Clifford	Cessna	Cessna	Cessna
Engine Source	Williams	P&W	Williams	P&W
Fuel Cost Per Seat Mile	0.31	0.47	0.36	0.47
Passenger Seats	8	8	8	10
Baggage lbs	1400	1150	1100	1000
Long Range Cruise Speed	365	336	351	350
Take Off Field Length	2916	3440	3180	3160
Single Engine Climb	613	459	800	532
NBAA IFR Range	2533	1647	1775	1600
Thrust to Weight	0.37	0.34	0.40	0.36

Source: Clifford Development certification flight tests and the Citation SII flight manual.

**CLIFFORD DEVELOPMENT**  
**MORE POWER. MORE EFFICIENCY.**