



CITATION II WITH CLIFFORD FJ44-3A CONVERSION VS. CITATION II



Aircraft	C550 FJ44		C550
Engine	Williams		P&W
Thrust per engine	2820 lbf	(+13%)	2500 lbf
Thrust to weight	0.39	(+6%)	0.37
Long Range Cruise	340 kts	(+18%)	307 kts
Takeoff Field Length (no T/Rs)	2826 ft	(-18%)	3450 ft
Single Engine Climb Rate	992 fpm	(+34%)	742 fpm
NBAA IFR Range	2192 nm	(+59%)	1378 nm
Fuel Cost Per Seat Mile	30 cents	(-35%)	46 cents
Time to Climb – 43,000 ft	22 minutes	(-78%)	97 minutes
Time Between Overhaul (TBO)	4000 hrs	(+14%)	3500 hrs

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

PERFORMANCE

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



Aircraft	C550 FJ44	C550	CJ3	C560
MFG	Clifford	Cessna	Cessna	Cessna
Engine Source	Williams	P&W	Williams	P&W
Fuel Cost Per Seat Mile	0.30	0.46	0.36	0.47
Passenger Seats	8	8	8	10
Baggage lbs	1400	1150	1100	1000
Long Range Cruise Speed	340	307	351	350
Take Off Field Length	2826	3450	3180	3160
Single Engine Climb	992	742	800	532
NBAA IFR Range	2192	1378	1775	1600
Thrust to Weight	0.39	0.37	0.40	0.36

Source: Clifford Development certification flight tests and the respective flight manuals.

THE CLIFFORD STC.
30 PLUS SYSTEM ENHANCEMENTS!
IMPROVE YOUR RELIABILITY... WITH OUR EXPERIENCE.