- CITABRIA 7ECA -

T/O & Land dist	1000'PA	25°C	
T/O Roll 240m		to clear 50'	500m
Land 170m			505m

Empty wt	471kg
Fuel 132 lt @ .72sg	95kg
Max baggage	45kg
M.A.U.W.	748kg

Vr 55-60mph Climb 75-80mph Best Rate 69mph

Saftey Factor

1000' elev./10°C	inc. dist by	10%	1.1F
2° Slope		10%	1.1F
5 kt T/Wind comp		20%	1.2F
Dry grass 5"	short	20%	1.2F
10"	long	30%	1.3F
Wet grass	short	30%	1.3F
	long	40%	1.4F
Soft ground or snow		25%	1.25F

Cruise 2500'		CAS		End.+1hr	Rng
2700RPM		114mph	36l/hr	reserve	
2500	75%	103	28	3.30	325nm
2400	60	99	26	3.50	345
2300	55	95	24	4.15	370
2200	50	87	20	5.15	420

RPM green band 1800-2800 red line
IAS green 50-120 yellow 120-153 red line
OIL Temp green band 100-245 red line
OIL Press yellow 25-60 green 60-100 red lne

Descent Glide 70mph
Approach 65-70mph +5mph gusts
Threshold 60mphph

Tyre pressure	Main 24psi	+/- 4psi
	Tail 40psi	+/- 10psi

Fuel 100LL	usable 29 Imp gall/	132lts
	210lbs	95kgs
Oil 80W	6 US Qrts - 5.7lts/	5.1kgs
Add oil if below	5 US Qrts.	

No baggage allowed during aerobatic flight

Warning. The fuel caps are the non-vented type. Failure to properly secure the caps will result in fuel leakage and unequal fuel feed between the two tanks during flight

10 kts cross wind limit.