

Summary Aircraft Data 1973 Bellanca Citabria (7ECA) N922WS

Empty Weight (lbs)	Max T/O Weight (lbs)	Useful Load (lbs)	Fuel Capacity (gals)	Useable Fuel (gals)
1048.23	1750	699.31	36	35

Electrical System			Engine	Oil
Alternator	14V	60 amp	115HP	Min level = 4 qts
Battery	12 V	60 amp hr	L O-235-CT	Max level = 6 qts

Normal Category Load Factor: +5 G to -2 G do not exceed 135 mph IAS during negative G condition.

V – Speeds (MPH):

$V_{NE} = 153$

$V_{NO} = 120$

V_A (max T/O weight) = 120

$V_Y = 80$

$V_X = 70$

$V_G = 65$

$V_R = 65$

$V_{S1} = 50$

Standard Traffic Pattern

	Carb Heat	RPM	MPH	Flaps	Trim
Downwind	As Req.	1400	85	N/A	As Req.
Abeam Touchdown Pt.	ON	1400	80	N/A	As Req.
Base	ON	1100	70 – 75	N/A	As Req.
Final	ON	1000 – idle	60/65	N/A Forward slip as required.	As Req.

Maximum Crosswind

Component = 15 knots @ 90 deg to runway.

GO-AROUND: Full Power, pitch for normal climb, positive rate of climb established.

Commercial Maneuvers Speeds

Maneuver	Entry Speed KIAS
Chandelle	110
Lazy Eight	110
Steep Turn (45 – 50 deg bank)	110

