R/STOL Performance Comparison — Cessna Single Engine Aircraft

Aircraft Model:	P210	T210	210	T207	207	206	185	182	180	172	152/ 150
Gross Weight (lbs)	4,000	3,800	3,800	3,800	3,800	3,600	3,350	2,950	2,950	2,300	1,600
Takeoff Distance over 50 ft											
R/STOL Normal technique	1,621	1,318	1,232	1,280	1,280	1,155	870	885	1,320	990	895
R/STOL Max. technique*	1,318	1,075	1,070	1,090	1,090	990	763	815	1,210	900	815
Cessna Handbook Data	2,265	2,030	1,900	1,970	1,970	1,780	1,365	1,350	1,860	1,525	1,385
Takeoff Speed, MPH (IAS)											
R/STOL Normal technique	63	56	56	57	57	52	50	50	49	45	40
R/STOL Max. technique	59	52	52	53	53	48	46	45	46	40	36
Cessna Handbook Data	84	82	82	84	84	78	65	63	61	70	64
Cruise Speed, MPH (TAS)											
R/STOL	222	220	192	180	164	170	172	165	153	134	119
Cessna	219	217	188	176	159	164	169	160	147	131	117
Service Ceiling, ft											
R/STOL	24,100	26,600	16,100	25,100	13,800	15,400	17,850	18,400	17,700	13,600	13,150
Cessna	23,000	28,500	15,500	24,200	13,300	14,800	17,150	17,700	17,000	13,100	12,650
Final Approach Speed, MPH (IAS)											
R/STOL Normal technique	69	59	59	60	60	58	57	54	51	48	44
R/STOL Max. technique*	66	55	55	55	55	53	52	49	47	41	37
Cessna Handbook Data	84	82	82	87	87	75	80	69	70	65	58

*Data shown are typical — specific models will vary. R/STOL Normal technique is specifically tailored for the average pilot who desires increased safety margins, utility and peace of mind. * R/STOL Max. technique is for use by the experienced pilot when emergency conditions or operation into austere fields requires the utmost from your aircraft, consistent with safety.*

R/STOL Performance Comparison — Cessna 300-Series Twins

Aircraft Model	Cessna 337		Cessna 310		Cessna 340	
	Standard	R/STOL	Standard	R/STOL	Standard	R/STOL
Gross Weight (lbs)	4200	4421	5500	5500	5990	5990
Takeoff Distance over 50 ft:	1495’	970’	2040’	1470’	2180’	1610’
Takeoff Speed:	81 MPH	56 MPH	84 Kt	68 Kt	91 Kt	81 Kt
	(IAS)	(IAS)	(CAS)	(CAS)	(IAS)	(IAS)
Landing Distance over 50 ft:	1465’	970’	1790’	1165’	1850’	1360’
Landing Approach Speed:	85 MPH	60 MPH	94 Kt	76 Kt	94 Kt	79 Kt
	(IAS)	(IAS)	(CAS)	(CAS)	(IAS)	(IAS)
Accelerate-Stop Distance:	n/a	n/a	2980’	1680’	2940’	1800’

R/STOL Performance Comparison — Cessna 400-Series Twins

Aircraft Model	421C		421B		421A/421		414		402/401	
	R/ STOL	Stan- dard	R/ STOL	Stan- dard	R/ STOL	Stan- dard	R/ STOL	Stan- dard	R/ STOL	Stan- dard
Takeoff										
Takeoff Distance over 50 ft	1,830’	2,220’	1,754’	2,507’	1,815’	2,563’	1,630’	2,350’	1,550’	2,230’
Liftoff Speed	84[B]	100[B]	94[A]	120[A]	95[A]	120[A]	85[A]	105[A]	85[A]	105[A]
Accelerate/Stop Distance	2,409’	3,510’	2,409’	3,950’	2,206’	3,740’	2,040’	3,050’	1,850’	3,030’
Minimum S/E Control Speed	78[B]	80[B]	90[A]	100[A]	95[A]	107[A]	85[A]	97[A]	83[A]	95[A]
Climb										
Best S/E Climb Speed	95[B]	111[B]	105[A]	125[A]	105[A]	120[A]	95[A]	119[A]	95[A]	118[A]
Approach & Landing										
Total Distance over 50 ft	1,700’	2,290’	1,752’	2,179’	1,720’	2,110’	1,450’	1,885’	1,450’	1,765’
Approach Speed	92[B]	100[B]	99[A]	116[A]	99[A]	115[A]	90[A]	107[A]	92[A]	110[A]

(A) MPH CAS (B) Knots CAS

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122 Howard Langford Dr. • Uvalde, TX 78801 • (830) 278-4481 • Fax 1-866-846-3560 • **Toll Free 1-888-8FLYERS** • www.sijet.com