

Accelerate Go Distance

- Conditions:**
1. 2700 RPM and 38.0 Inches Hg Manifold Pressure Before Brake Release
 2. Mixtures - CHECK Fuel Flows In the White Arc
 3. Wing Flaps - UP.
 4. Cowl Flaps - OPEN
 5. Level, Hard Surface, Dry Runway
 6. Engine Failure at Engine Failure Speed
 7. Propeller Feathered and Landing Gear up or in transit
 8. Maintain Engine Failure Speed Until Clear of Obstacle

- Notes:**
1. If full power is applied without brakes set, distances apply from point where full power is applied.
 2. Decrease distance 6% for each 10 knots headwind.
 3. Increase distance 2% for each 1 knots tailwind.
 4. Distances in boxed areas represent rate of climb less than 50 FPM.

WEIGHT - POUNDS	ENGINE FAILURE - SPEED - KIAS	PRESSURE ALTITUDE - FEET	TOTAL DISTANCE TO CLEAR 50-FOOT OBSTACLE - FEET						
			-20°C -4°F	-10°C +14°F	0°C 32°F	+10°C +50°F	+20°C +68°F	+30°C +86°F	+40°C +104°F
5990	91	Sea Level	2350	2650	3040	3570	4360	5730	9100
		1000	2490	2830	3260	3870	4810	6600	12,160
		2000	2640	3010	3510	4210	5370	7890	-----
		3000	2810	3230	3790	4620	6140	9840	-----
		4000	3000	3470	4120	5170	7120	13,430	-----
		5000	3210	3740	4540	5800	8560	-----	-----
		6000	3450	4090	5000	6630	10,940	-----	-----
		7000	3750	4460	5580	7800	15,770	-----	-----
		8000	4060	4900	6320	9600	-----	-----	-----
		9000	4420	5440	7340	12,840	-----	-----	-----
		10,000	4850	6130	8830	-----	-----	-----	-----
5500	87	Sea Level	1790	1990	2210	2480	2830	3280	3940
		1000	1890	2100	2340	2640	3020	3540	4310
		2000	1990	2220	2480	2810	3240	3830	4750
		3000	2110	2350	2640	3000	3480	4170	5350
		4000	2230	2490	2810	3210	3760	4620	6050
		5000	2360	2650	3000	3450	4120	5110	7010
		6000	2510	2820	3210	3760	4500	5720	8400
		7000	2670	3020	3480	4070	4960	6530	10,670
		8000	2850	3250	3750	4440	5520	7650	15,250
		9000	3070	3490	4060	4870	6240	9360	-----
		10,000	3280	3770	4420	5410	7210	12,380	-----
5000	82	Sea Level	1380	1510	1660	1830	2030	2270	2560
		1000	1450	1590	1750	1930	2150	2400	2730
		2000	1530	1680	1840	2040	2270	2550	2910
		3000	1610	1770	1950	2160	2410	2720	3120
		4000	1700	1860	2060	2290	2560	2900	3350
		5000	1790	1970	2180	2430	2730	3110	3610
		6000	1890	2090	2310	2580	2910	3340	3950
		7000	2000	2210	2460	2750	3120	3620	4300
		8000	2120	2350	2620	2940	3370	3920	4720
		9000	2250	2500	2800	3170	3630	4260	5220
		10,000	2400	2670	3000	3400	3920	4660	5850

Accelerate Stop Distance

- Conditions:**
- 2700 RPM and 38.0 Inches Hg Manifold Pressure Before Brake Release
 - Mixtures - CHECK Fuel Flows In the White Arc
 - Wing Flaps - UP.
 - Cowl Flaps - OPEN
 - Level, Hard Surface, Dry Runway
 - Engine Failure at Engine Failure Speed
 - Idle Power and Maximum Effective Braking After Engine Failure

- Notes:**
- If full power is applied without brakes set, distances apply from point where full power is applied.
 - Decrease distance 3% for each 4 knots headwind.
 - Increase distance 5% for each 2 knots tailwind.

WEIGHT - POUNDS	ENGINE FAILURE SPEED - KIAS	PRESSURE ALTITUDE - FEET	TOTAL DISTANCE - FEET						
			-20°C -4°F	-10°C +14°F	0°C 32°F	+10°C +50°F	+20°C +68°F	+30°C +86°F	+40°C +104°F
5990	91	Sea Level	2770	2940	3120	3310	3510	3730	3970
		1000	2900	3080	3270	3470	3690	3920	4220
		2000	3030	3220	3430	3640	3870	4160	4430
		3000	3180	3380	3590	3820	4110	4370	4660
		4000	3340	3550	3770	4060	4320	4600	4900
		5000	3500	3730	4000	4260	4540	4830	5160
		6000	3680	3950	4200	4480	4770	5090	5430
		7000	3890	4150	4420	4710	5020	5360	5730
		8000	4090	4360	4650	4960	5290	5650	6050
		9000	4300	4590	4900	5230	5580	5970	6390
		10,000	4530	4830	5160	5510	5890	6300	6750
5500	87	Sea Level	2280	2420	2570	2720	2890	3070	3260
		1000	2390	2540	2690	2860	3030	3220	3420
		2000	2500	2660	2820	3000	3180	3380	3590
		3000	2620	2790	2960	3140	3340	3550	3820
		4000	2750	2920	3110	3300	3510	3770	4020
		5000	2890	3070	3260	3470	3730	3970	4230
		6000	3030	3230	3430	3680	3920	4180	4450
		7000	3190	3390	3640	3870	4120	4400	4690
		8000	3350	3590	3830	4080	4340	4630	4950
		9000	3550	3780	4030	4290	4580	4890	5220
		10,000	3730	3980	4240	4530	4830	5160	5520
5000	82	Sea Level	1840	1950	2070	2200	2330	2470	2610
		1000	1930	2050	2170	2300	2440	2590	2740
		2000	2020	2140	2270	2410	2560	2710	2880
		3000	2120	2250	2390	2530	2690	2850	3030
		4000	2220	2360	2500	2660	2820	3000	3180
		5000	2330	2480	2630	2790	2970	3150	3350
		6000	2450	2600	2760	2940	3120	3320	3570
		7000	2570	2730	2910	3090	3290	3530	3750
		8000	2700	2880	3060	3260	3490	3710	3960
		9000	2850	3030	3230	3450	3670	3910	4170
		10,000	3000	3190	3410	3640	3870	4130	4410

AIRCRAFT CORPORATION

CESSNA 340 OR 340A SUPPLEMENTAL FLIGHT MANUAL

NORMAL TAKEOFF DISTANCE

CONDITIONS:

1. 2700 RPM AND 41.0 IN. HG. MANIFOLD PRESSURE BEFORE BRAKE RELEASE.
2. MIXTURES SET AT 210 PPH.
3. WING FLAPS - UP.
4. COWL FLAPS - OPEN.
5. LEVEL, HARD SURFACE DRY RUNWAY.
6. LIFTOFF SPEED - 86 KIAS.

NOTE:

1. IF FULL POWER IS APPLIED WITHOUT BRAKES SET, DISTANCES APPLY FROM POINT WHERE FULL POWER IS APPLIED.
2. DECREASE DISTANCES 7% FOR EACH 10 KNOTS HEADWIND.
3. INCREASE DISTANCES 5% FOR EACH 2 KNOTS TAILWIND.

WEIGHT (LBS.)	SPEED 50 FT OBSTA CLE KIAS	PRESSURE ALTITUDE	-20 C (-4 F)		-10 C (14 F)		-0 C (32 F)		10 C (50 F)		20 C (68 F)		30 C (86 F)		40 C (104 F)	
			GROUND ROLL (FEET)	TOTAL DIST TO CLEAR 50 FT OBSTA CLE	GROUND ROLL (FEET)	TOTAL DIST TO CLEAR 50 FT OBSTA CLE	GROUND ROLL (FEET)	TOTAL DIST TO CLEAR 50 FT OBSTA CLE	GROUND ROLL (FEET)	TOTAL DIST TO CLEAR 50 FT OBSTA CLE	GROUND ROLL (FEET)	TOTAL DIST TO CLEAR 50 FT OBSTA CLE	GROUND ROLL (FEET)	TOTAL DIST TO CLEAR 50 FT OBSTA CLE	GROUND ROLL (FEET)	TOTAL DIST TO CLEAR 50 FT OBSTA CLE
6390	93	SEA LEVEL	1190	1570	1300	1720	1420	1890	1550	2070	1690	2290	1850	2550	2020	2860
		2000	1340	1750	1470	1920	1600	2110	1750	2330	1910	2580	2140	2930	2340	3310
		4000	1510	1950	1650	2150	1810	2370	2020	2660	2210	2970	2420	3330	2650	3800
		6000	1710	2200	1910	2450	2090	2710	2280	3010	2500	3370	2740	3820	3010	4420
		8000	1970	2510	2160	2770	2370	3070	2590	3430	2840	3860	3120	4430	3430	5240
		10000	2240	2840	2460	3140	2690	3500	2950	3930	3240	4470	3560	5220	3930	6440

- NOTE:
1. USE THIS CHART FOR WEIGHTS BETWEEN 6390 LBS. AND 5990 LBS.
 2. AT ALL WEIGHTS OF 5990 LBS. AND BELOW, USE THE ORIGINAL CHART IN THE CESSNA 340/340A PILOT'S OPERATING HANDBOOK.

FAA Approved

STC SA 8604SW

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