

5.4 Takeoff, Climb, and Landing Performance (Continued):

LANDING DISTANCE

AT-502B
Paved Runway

CONDITIONS:

- Flight Idle Power
- Full Flaps
- Reverse Thrust After Touchdown
- No Wind

APPROACH SPEEDS

<u>WEIGHT (LBS)</u>	<u>SPEED (KIAS)</u>
8,000	83
7,000	78
6,000	74
5,000	70

Weight lbs	Press Alt ft	-15 deg. C (5 deg. F)		-5 deg. C (23 deg. F)		5 deg. C (41 deg. F)		15 deg. C (59 deg. F)		25 deg. C (77 deg. F)		35 deg. C (95 deg. F)		45 deg. C (113 deg. F)	
		Ground Roll (ft)	Total from 50' (ft)	Ground Roll (ft)	Total from 50' (ft)	Ground Roll (ft)	Total from 50' (ft)	Ground Roll (ft)	Total from 50' (ft)	Ground Roll (ft)	Total from 50' (ft)	Ground Roll (ft)	Total from 50' (ft)	Ground Roll (ft)	Total from 50' (ft)
8000	0	783	2214	845	2311	909	2410	975	2512	1044	2616	1115	2722	1188	2831
8000	2000	906	2405	977	2514	1051	2626	1127	2741	1207	2858	1289	2979	1373	3102
8000	4000	1049	2624	1132	2747	1217	2874	1306	3004	1398	3137	1493	3273	1591	3412
8000	6000	1218	2875	1314	3015	1413	3159	1516	3306	1623	3457	1733	3612	1847	3770
8000	8000	1417	3164	1528	3323	1644	3487	1764	3654	1888	3826	2017	4003	2149	4183
7000	0	601	2071	648	2153	697	2238	748	2324	800	2413	855	2503	911	2594
7000	2000	695	2234	749	2327	806	2422	865	2519	925	2618	988	2719	1053	2822
7000	4000	804	2419	868	2524	933	2631	1001	2740	1072	2852	1145	2966	1220	3082
7000	6000	934	2631	1007	2749	1084	2870	1163	2993	1244	3120	1329	3249	1416	3381
7000	8000	1086	2874	1172	3008	1261	3145	1353	3284	1448	3428	1546	3574	1648	3724
6000	0	442	1984	477	2056	513	2128	550	2202	589	2278	629	2354	670	2432
6000	2000	511	2125	551	2204	593	2285	636	2368	681	2452	727	2538	775	2625
6000	4000	592	2283	638	2372	687	2463	737	2556	788	2650	842	2746	897	2844
6000	6000	687	2464	741	2564	797	2665	855	2769	915	2875	977	2983	1042	3093
6000	8000	799	2669	862	2781	927	2896	995	3013	1065	3132	1137	3254	1212	3378
5000	0	307	1968	331	2031	356	2095	382	2160	409	2226	437	2293	465	2361
5000	2000	355	2092	383	2162	412	2233	442	2305	473	2378	505	2452	538	2527
5000	4000	411	2231	443	2309	477	2387	511	2467	547	2549	584	2631	623	2715
5000	6000	477	2388	514	2474	553	2562	594	2651	635	2741	678	2833	723	2927
5000	8000	555	2565	598	2661	643	2759	690	2859	739	2960	789	3063	841	3167