

**UNFACTORED LANDING DISTANCE (METERS)
EMB-145 - ALL ENGINE TYPES - EASA - FLAPS 22°
NO ICE ENCOUNTER
ISA CONDITIONS - SLOPE 0%**

Weight (kg)	ALTITUDE							
	0 ft				1000 ft			
	WIND							
	-10 kt	0 kt	10 kt	20 kt	-10 kt	0 kt	10 kt	20 kt
22000	1363	1200	1140	1078	1396	1230	1169	1106
21000	1308	1150	1092	1031	1340	1178	1119	1058
20000	1254	1100	1043	984	1283	1127	1069	1009
19000	1199	1050	995	937	1226	1075	1019	961
18000	1147	1002	949	892	1173	1026	971	915
17000	1095	955	903	848	1119	977	924	868
16000	1044	909	858	805	1067	929	878	824
15000	994	863	813	761	1015	882	832	779
14000	945	818	770	719	965	836	788	736
13000	896	773	727	678	914	790	743	693
12000	847	729	684	636	864	744	699	650

Weight (kg)	ALTITUDE							
	2000 ft				3000 ft			
	WIND							
	-10 kt	0 kt	10 kt	20 kt	-10 kt	0 kt	10 kt	20 kt
22000	1431	1262	1200	1136	1467	1295	1232	1167
21000	1372	1208	1148	1086	1406	1239	1178	1115
20000	1314	1155	1096	1035	1346	1184	1125	1063
19000	1255	1101	1044	985	1285	1128	1071	1011
18000	1199	1050	995	937	1228	1076	1020	962
17000	1144	1000	946	890	1170	1024	969	912
16000	1090	951	899	844	1115	973	920	865
15000	1037	902	851	798	1060	923	872	818
14000	985	855	806	754	1007	874	825	772
13000	933	808	760	710	953	826	778	727
12000	882	760	714	665	900	777	730	681

UNFACTORED LANDING DISTANCE (METERS)
EMB-145 - ALL ENGINE TYPES - EASA - FLAPS 22°
NO ICE ENCOUNTER
ISA CONDITIONS - SLOPE 0%

Weight (kg)	ALTITUDE							
	4000 ft				5000 ft			
	WIND							
	-10 kt	0 kt	10 kt	20 kt	-10 kt	0 kt	10 kt	20 kt
22000	1505	1329	1266	1199	1545	1366	1301	1234
21000	1442	1272	1210	1145	1480	1306	1243	1178
20000	1379	1214	1154	1091	1414	1247	1185	1122
19000	1316	1157	1099	1038	1349	1187	1128	1066
18000	1257	1103	1046	987	1288	1131	1073	1013
17000	1198	1049	994	936	1227	1075	1019	961
16000	1141	997	943	887	1168	1021	967	910
15000	1084	945	893	839	1109	968	915	860
14000	1029	895	844	792	1053	916	865	812
13000	974	845	796	745	996	865	815	763
12000	920	795	748	698	940	813	766	715

Weight (kg)	ALTITUDE							
	6000 ft				7000 ft			
	WIND							
	-10 kt	0 kt	10 kt	20 kt	-10 kt	0 kt	10 kt	20 kt
22000	1586	1404	1338	1269	-	-	-	-
21000	1519	1342	1278	1211	1560	1379	1314	1246
20000	1451	1280	1218	1153	1489	1315	1252	1186
19000	1383	1218	1158	1095	1419	1251	1190	1126
18000	1320	1160	1102	1041	1354	1191	1132	1070
17000	1257	1103	1046	987	1288	1131	1074	1013
16000	1196	1047	992	935	1226	1074	1018	960
15000	1135	992	939	883	1163	1017	963	906
14000	1077	939	887	833	1103	962	910	855
13000	1019	886	836	783	1043	908	857	804
12000	961	833	784	733	983	853	804	752

**UNFACTORED LANDING DISTANCE (METERS)
EMB-145 - ALL ENGINE TYPES - EASA - FLAPS 22°
NO ICE ENCOUNTER
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Weight (kg)	ALTITUDE							
	8000 ft				8500 ft			
	WIND							
	-10 kt	0 kt	10 kt	20 kt	-10 kt	0 kt	10 kt	20 kt
21000	1602	1418	1352	1283	-	-	-	-
20000	1529	1352	1287	1220	1565	1384	1319	1251
19000	1457	1285	1223	1158	1490	1316	1253	1187
18000	1389	1223	1163	1100	1420	1252	1191	1127
17000	1321	1161	1103	1042	1350	1188	1129	1067
16000	1256	1102	1045	986	1284	1127	1070	1010
15000	1192	1043	988	931	1217	1067	1011	953
14000	1130	987	934	878	1154	1009	955	899
13000	1068	930	879	825	1090	951	899	844
12000	1006	874	824	772	1027	893	843	790

**UNFACTORED LANDING DISTANCE (METERS)
EMB-145 - ALL ENGINE TYPES - EASA - FLAPS 22°
AFTER ICE ENCOUNTER
ISA CONDITIONS - SLOPE 0%**

Weight (kg)	ALTITUDE							
	0 ft				1000 ft			
	WIND							
	-10 kt	0 kt	10 kt	20 kt	-10 kt	0 kt	10 kt	20 kt
20000	1356	1194	1135	1073	1388	1224	1164	1101
19000	1294	1138	1080	1020	1325	1166	1107	1046
18000	1237	1085	1029	971	1265	1111	1054	995
17000	1179	1032	978	921	1205	1056	1001	944
16000	1123	981	929	873	1148	1004	951	894
15000	1067	931	879	825	1090	952	900	845
14000	1014	882	832	779	1035	901	851	798
13000	960	833	784	733	980	851	802	751
12000	906	784	737	687	925	800	753	703

Weight (kg)	ALTITUDE							
	2000 ft				3000 ft			
	WIND							
	-10 kt	0 kt	10 kt	20 kt	-10 kt	0 kt	10 kt	20 kt
20000	1422	1255	1194	1130	1458	1287	1225	1161
19000	1356	1195	1135	1073	1390	1225	1165	1102
18000	1294	1138	1080	1020	1326	1167	1108	1047
17000	1233	1082	1026	967	1262	1108	1051	992
16000	1173	1028	973	917	1201	1052	997	940
15000	1114	974	921	866	1140	997	943	888
14000	1057	922	871	817	1081	943	892	837
13000	1001	870	821	768	1023	890	840	787
12000	944	818	770	720	964	836	788	737

Weight (kg)	ALTITUDE							
	4000 ft				5000 ft			
	WIND							
	-10 kt	0 kt	10 kt	20 kt	-10 kt	0 kt	10 kt	20 kt
20000	1495	1321	1258	1193	1535	1357	1293	1226
19000	1424	1257	1195	1132	1461	1290	1228	1163
18000	1358	1196	1137	1075	1392	1227	1167	1104
17000	1292	1136	1078	1018	1324	1165	1106	1045
16000	1229	1078	1022	964	1259	1105	1049	990
15000	1166	1021	967	910	1194	1046	991	934
14000	1106	966	913	858	1132	989	936	881
13000	1045	911	860	807	1069	933	881	827
12000	985	856	807	755	1007	876	826	774

**UNFACTORED LANDING DISTANCE (METERS)
EMB-145 - ALL ENGINE TYPES - EASA - FLAPS 22°
AFTER ICE ENCOUNTER
ISA CONDITIONS - SLOPE 0%**

Weight (kg)	ALTITUDE							
	6000 ft				7000 ft			
	WIND							
	-10 kt	0 kt	10 kt	20 kt	-10 kt	0 kt	10 kt	20 kt
20000	1576	1395	1329	1261	-	-	-	-
19000	1499	1325	1262	1196	1539	1361	1297	1230
18000	1428	1260	1199	1135	1465	1294	1232	1167
17000	1357	1195	1136	1074	1392	1227	1167	1104
16000	1290	1134	1076	1016	1322	1164	1105	1044
15000	1223	1072	1017	959	1253	1100	1044	985
14000	1159	1014	960	904	1187	1040	985	928
13000	1095	956	904	849	1121	979	927	871
12000	1031	897	847	794	1055	919	868	815

Weight (kg)	ALTITUDE							
	8000 ft				8500 ft			
	WIND							
	-10 kt	0 kt	10 kt	20 kt	-10 kt	0 kt	10 kt	20 kt
19000	1581	1399	1334	1266	-	-	-	-
18000	1505	1330	1266	1200	1539	1362	1297	1230
17000	1428	1260	1199	1135	1461	1290	1228	1163
16000	1357	1195	1135	1074	1387	1222	1162	1100
15000	1285	1129	1072	1012	1313	1155	1097	1036
14000	1216	1067	1011	953	1243	1091	1035	976
13000	1148	1005	951	895	1173	1027	973	916
12000	1080	942	891	837	1103	963	911	856

UNFACTORED LANDING DISTANCE (METERS)
EMB-145 - ALL ENGINE TYPES - EASA - FLAPS 45°
NO ICE ENCOUNTER
ISA CONDITIONS - SLOPE 0%

Weight (kg)	ALTITUDE							
	0 ft				1000 ft			
	WIND							
	-10 kt	0 kt	10 kt	20 kt	-10 kt	0 kt	10 kt	20 kt
22000	1057	925	877	827	1082	948	899	848
21000	1021	892	845	796	1044	913	866	816
20000	984	858	813	765	1006	879	832	784
19000	947	825	780	733	968	844	799	751
18000	912	793	749	703	932	811	767	720
17000	877	761	718	673	895	778	734	689
16000	842	729	687	643	859	745	703	658
15000	807	697	656	613	823	712	671	627
14000	770	663	623	581	785	677	637	594
13000	732	629	590	549	747	642	603	562
12000	695	595	557	517	708	607	569	529

Weight (kg)	ALTITUDE							
	2000 ft				3000 ft			
	WIND							
	-10 kt	0 kt	10 kt	20 kt	-10 kt	0 kt	10 kt	20 kt
22000	1107	971	921	870	1134	995	945	893
21000	1068	935	887	837	1093	958	909	858
20000	1029	899	852	803	1053	921	874	824
19000	990	864	818	770	1013	885	838	789
18000	952	830	785	738	974	849	804	756
17000	915	795	751	705	935	814	769	723
16000	877	761	719	674	896	779	735	690
15000	840	728	686	642	858	744	701	657
14000	801	692	651	608	818	707	666	622
13000	762	656	616	574	777	670	630	588
12000	722	620	582	541	737	634	595	553

**UNFACTORED LANDING DISTANCE (METERS)
EMB-145 - ALL ENGINE TYPES - EASA - FLAPS 45°
NO ICE ENCOUNTER
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Weight (kg)	ALTITUDE							
	4000 ft				5000 ft			
	WIND							
	-10 kt	0 kt	10 kt	20 kt	-10 kt	0 kt	10 kt	20 kt
22000	1161	1020	969	917	1191	1047	995	942
21000	1120	982	933	881	1147	1007	957	905
20000	1078	944	896	845	1104	968	919	868
19000	1036	906	859	809	1061	929	881	831
18000	996	869	823	775	1019	890	844	795
17000	955	833	787	740	977	852	807	759
16000	916	797	753	707	936	815	771	724
15000	876	760	718	673	896	778	735	689
14000	835	723	681	637	853	739	697	653
13000	794	685	645	602	811	701	660	617
12000	752	648	608	567	768	662	622	580

Weight (kg)	ALTITUDE							
	6000 ft				7000 ft			
	WIND							
	-10 kt	0 kt	10 kt	20 kt	-10 kt	0 kt	10 kt	20 kt
21000	1176	1034	982	929	1206	1061	1009	955
20000	1131	993	943	891	1160	1019	968	915
19000	1087	952	903	853	1113	976	927	875
18000	1043	913	865	816	1068	936	887	837
17000	1000	873	827	779	1024	895	848	799
16000	958	835	790	742	980	855	809	762
15000	916	796	752	706	937	815	771	724
14000	872	757	714	669	892	775	731	686
13000	829	717	676	632	847	734	692	648
12000	785	677	637	595	803	693	652	609

**UNFACTORED LANDING DISTANCE (METERS)
EMB-145 - ALL ENGINE TYPES - EASA - FLAPS 45°
NO ICE ENCOUNTER
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Weight (kg)	ALTITUDE							
	8000 ft				8500 ft			
	WIND							
	-10 kt	0 kt	10 kt	20 kt	-10 kt	0 kt	10 kt	20 kt
20000	1189	1045	994	940	1216	1070	1018	963
19000	1141	1002	951	899	1167	1025	974	921
18000	1095	959	910	860	1119	981	932	880
17000	1048	917	869	820	1071	938	889	839
16000	1003	876	830	781	1024	895	848	800
15000	958	835	790	743	978	853	808	760
14000	912	793	749	704	931	811	766	720
13000	866	751	709	664	884	768	725	679
12000	821	710	668	625	837	725	683	639

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Weight (kg)	ALTITUDE							
	0 ft				1000 ft			
	WIND							
	-10 kt	0 kt	10 kt	20 kt	-10 kt	0 kt	10 kt	20 kt
20000	1045	914	867	817	1069	936	887	837
19000	1004	876	830	782	1026	897	850	801
18000	968	844	798	751	989	863	817	769
17000	932	811	766	720	951	829	784	737
16000	895	777	734	688	913	794	750	704
15000	858	744	701	657	875	759	717	672
14000	819	709	667	624	836	724	682	638
13000	781	673	633	591	796	688	647	604
12000	742	638	599	558	757	652	612	570

Weight (kg)	ALTITUDE							
	2000 ft				3000 ft			
	WIND							
	-10 kt	0 kt	10 kt	20 kt	-10 kt	0 kt	10 kt	20 kt
20000	1093	958	909	858	1118	981	932	880
19000	1049	918	870	820	1073	940	891	841
18000	1010	883	836	787	1033	903	856	807
17000	972	848	802	754	993	867	821	773
16000	933	812	767	721	953	830	785	738
15000	893	776	732	687	912	793	749	703
14000	853	739	697	652	871	755	713	668
13000	812	702	661	618	829	717	676	632
12000	772	665	625	583	788	680	639	597

Weight (kg)	ALTITUDE							
	4000 ft				5000 ft			
	WIND							
	-10 kt	0 kt	10 kt	20 kt	-10 kt	0 kt	10 kt	20 kt
20000	1145	1006	955	903	1173	1031	980	927
19000	1098	963	913	862	1124	986	937	885
18000	1057	925	877	827	1082	948	899	848
17000	1016	887	841	792	1039	909	861	812
16000	974	849	804	756	996	869	823	775
15000	932	811	767	720	952	830	785	738
14000	889	772	729	684	909	790	746	700
13000	847	733	691	647	865	750	708	663
12000	804	695	654	611	821	710	669	625

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Weight (kg)	ALTITUDE							
	6000 ft				7000 ft			
	WIND							
	-10 kt	0 kt	10 kt	20 kt	-10 kt	0 kt	10 kt	20 kt
19000	1152	1011	961	908	1180	1037	986	932
18000	1107	971	922	870	1134	995	945	893
17000	1063	931	883	833	1088	954	905	854
16000	1018	890	843	794	1042	912	864	815
15000	974	849	803	756	996	869	823	775
14000	929	808	764	717	950	827	782	735
13000	884	767	724	679	904	785	742	696
12000	839	727	685	641	858	743	701	657

Weight (kg)	ALTITUDE							
	8000 ft				8500 ft			
	WIND							
	-10 kt	0 kt	10 kt	20 kt	-10 kt	0 kt	10 kt	20 kt
18000	1162	1021	970	917	1188	1044	993	939
17000	1115	978	928	877	1139	1000	950	897
16000	1067	934	886	836	1089	955	906	855
15000	1019	890	843	795	1040	910	862	813
14000	971	847	802	754	992	865	819	771
13000	924	804	760	714	943	821	777	730
12000	877	761	718	673	895	777	734	688