

PERFORMANCE DATA

Landing

PW617F-E ENGINES

LANDING DISTANCE (ft) – ISA
ENGINE ICE PROTECTION OFF/ON – WINGSTAB OFF
ZERO SLOPE – NO WIND – FLAP 3

ALTITUDE (ft)	WEIGHT (lb)	SPEEDS			FACTORED		UNFACTORED		CONTAMINATED RUNWAYS (ft)
		V _{REF} (KIAS)	V _{AC} (KIAS)	V _{FS} (KIAS)	DRY (ft)	WET (ft)	DRY (ft)	WET (ft)	
Sea Level	7500	92	102	111	3934	4524	2360	2986	4524
	7900	94	104	114	4081	4693	2449	3123	4693
	8300	97	107	116	4224	4857	2535	3257	4857
	8700	99	109	119	4371	5027	2623	3398	5027
	9100	101	111	121	4514	5191	2708	3533	5191
	9500	104	114	124	4668	5368	2801	3679	5368
	9900	106	116	126	4819	5542	2892	3823	5542
	10300	108	118	129	4973	5719	2984	3972	5719
1000	7500	92	102	111	4013	4615	2408	3060	4615
	7900	94	104	114	4164	4789	2499	3201	4789
	8300	97	107	116	4311	4958	2587	3341	4958
	8700	99	109	119	4462	5131	2677	3486	5131
	9100	101	111	121	4608	5299	2765	3626	5299
	9500	104	114	124	4767	5482	2860	3777	5482
	9900	106	116	126	4921	5659	2953	3926	5659
	10300	108	118	129	5079	5841	3048	4080	5841
2000	7500	92	102	111	4092	4705	2455	3130	4705
	7900	94	104	114	4247	4884	2548	3277	4884
	8300	97	107	116	4398	5057	2639	3422	5057
	8700	99	109	119	4553	5235	2732	3572	5235
	9100	101	111	121	4703	5408	2822	3717	5408
	9500	104	114	124	4865	5594	2919	3873	5594
	9900	106	116	126	5023	5776	3014	4027	5776
	10300	108	118	129	5185	5962	3111	4185	5962
3000	7500	92	102	111	4177	4803	2506	3210	4803
	7900	94	104	114	4336	4986	2602	3362	4986
	8300	97	107	116	4490	5164	2694	3511	5164
	8700	99	109	119	4649	5346	2790	3667	5346
	9100	101	111	121	4803	5523	2882	3818	5523
	9500	104	114	124	4970	5715	2982	3979	5715
	9900	106	116	126	5132	5902	3079	4138	5902
	10300	108	118	129	5298	6093	3179	4303	6093

Maximum Landing Weight or Climb Limited Weight exceeded.

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LANDING DATA

LANDING TECHNIQUE

The landing performance data in this manual is based on the following conditions:

- Steady three degree angle approach at V_{REF} in landing configuration;
- V_{REF} airspeed maintained at runway threshold;
- Idle thrust established at runway threshold;
- Attitude maintained until MLG touchdown;
- Maximum brake applied immediately after MLG touchdown;
- Antiskid system operative.

If these performance techniques are not strictly used for a typical landing made during normal operations, the distances may be longer.

MAXIMUM LANDING WEIGHT – CLIMB LIMITED

The Maximum Landing Weight – Climb Limited tables present the maximum landing climb weight in compliance with the airworthiness climb requirements in function of the temperature and altitude and according to the ice protection system configuration.

The landing climb weights shown may be above the Maximum Landing Weight and are codified as follows:

- (A) Approach Climb Limited;
- (L) Landing Climb Limited;
- (E) Enroute Climb Limited;
- (O) Overweight Landing Weight.

(Continues on the next page)