



**UNFACTORED LANDING DISTANCE (ft)  
ENGINE ICE PROTECTION ON – WINGSTAB ON  
(SWPS ICE SPEED)  
FLAP FULL**

**PW617F-E ENGINES**

| Weight<br>(lb) | ALTITUDE |      |       |       |        |      |       |       |
|----------------|----------|------|-------|-------|--------|------|-------|-------|
|                | -1000 ft |      |       |       | 0 ft   |      |       |       |
|                | WIND     |      |       |       |        |      |       |       |
|                | -10 kt   | 0 kt | 10 kt | 20 kt | -10 kt | 0 kt | 10 kt | 20 kt |
| 7100           | 3986     | 3399 | 3211  | 3026  | 4059   | 3469 | 3279  | 3093  |
| 7500           | 4119     | 3526 | 3335  | 3148  | 4197   | 3599 | 3407  | 3218  |
| 7900           | 4261     | 3660 | 3467  | 3277  | 4343   | 3737 | 3543  | 3351  |
| 8300           | 4393     | 3786 | 3590  | 3398  | 4478   | 3866 | 3669  | 3475  |
| 8700           | 4530     | 3915 | 3717  | 3523  | 4619   | 3999 | 3799  | 3603  |
| 9100           | 4675     | 4052 | 3851  | 3654  | 4768   | 4140 | 3937  | 3739  |
| 9500           | 4834     | 4203 | 3999  | 3799  | 4931   | 4295 | 4089  | 3887  |
| 9900           | 5010     | 4369 | 4161  | 3958  | 5111   | 4464 | 4255  | 4050  |
| 10300          | 5181     | 4530 | 4319  | 4112  | 5286   | 4629 | 4417  | 4209  |

| Weight<br>(lb) | ALTITUDE |      |       |       |         |      |       |       |
|----------------|----------|------|-------|-------|---------|------|-------|-------|
|                | 1000 ft  |      |       |       | 2000 ft |      |       |       |
|                | WIND     |      |       |       |         |      |       |       |
|                | -10 kt   | 0 kt | 10 kt | 20 kt | -10 kt  | 0 kt | 10 kt | 20 kt |
| 7100           | 4131     | 3537 | 3347  | 3159  | 4198    | 3601 | 3409  | 3221  |
| 7500           | 4273     | 3671 | 3478  | 3288  | 4343    | 3739 | 3544  | 3353  |
| 7900           | 4422     | 3813 | 3617  | 3424  | 4497    | 3885 | 3687  | 3493  |
| 8300           | 4562     | 3945 | 3747  | 3551  | 4641    | 4021 | 3821  | 3625  |
| 8700           | 4706     | 4082 | 3881  | 3683  | 4790    | 4162 | 3960  | 3761  |
| 9100           | 4858     | 4226 | 4022  | 3822  | 4947    | 4311 | 4106  | 3904  |
| 9500           | 5027     | 4385 | 4178  | 3974  | 5120    | 4474 | 4265  | 4060  |
| 9900           | 5211     | 4559 | 4348  | 4141  | 5309    | 4652 | 4440  | 4232  |
| 10300          | 5391     | 4729 | 4515  | 4304  | 5493    | 4826 | 4610  | 4398  |

**CAUTION:** SHADED AREAS REPRESENT CONDITIONS WHERE THE MAXIMUM LANDING WEIGHT OR CLIMB LIMITED WEIGHT WAS EXCEEDED.



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(SWPS ICE SPEED)  
FLAP FULL**

**PW617F-E ENGINES**

| Weight<br>(lb) | ALTITUDE |      |       |       |         |      |       |       |
|----------------|----------|------|-------|-------|---------|------|-------|-------|
|                | 3000 ft  |      |       |       | 4000 ft |      |       |       |
|                | WIND     |      |       |       |         |      |       |       |
|                | -10 kt   | 0 kt | 10 kt | 20 kt | -10 kt  | 0 kt | 10 kt | 20 kt |
| 7100           | 4276     | 3675 | 3482  | 3292  | 4353    | 3748 | 3554  | 3363  |
| 7500           | 4425     | 3817 | 3621  | 3428  | 4507    | 3894 | 3697  | 3503  |
| 7900           | 4584     | 3967 | 3768  | 3573  | 4670    | 4048 | 3848  | 3651  |
| 8300           | 4732     | 4107 | 3905  | 3708  | 4822    | 4193 | 3990  | 3790  |
| 8700           | 4885     | 4252 | 4048  | 3847  | 4979    | 4342 | 4136  | 3934  |
| 9100           | 5046     | 4404 | 4197  | 3994  | 5145    | 4499 | 4290  | 4085  |
| 9500           | 5223     | 4572 | 4361  | 4155  | 5327    | 4671 | 4459  | 4250  |
| 9900           | 5417     | 4755 | 4541  | 4330  | 5527    | 4859 | 4643  | 4431  |
| 10300          | 5605     | 4933 | 4716  | 4502  | 5720    | 5043 | 4823  | 4607  |

| Weight<br>(lb) | ALTITUDE |      |       |       |         |      |       |       |
|----------------|----------|------|-------|-------|---------|------|-------|-------|
|                | 5000 ft  |      |       |       | 6000 ft |      |       |       |
|                | WIND     |      |       |       |         |      |       |       |
|                | -10 kt   | 0 kt | 10 kt | 20 kt | -10 kt  | 0 kt | 10 kt | 20 kt |
| 7100           | 4435     | 3826 | 3630  | 3438  | 4524    | 3911 | 3713  | 3519  |
| 7500           | 4594     | 3977 | 3778  | 3583  | 4687    | 4065 | 3865  | 3668  |
| 7900           | 4761     | 4135 | 3934  | 3735  | 4860    | 4229 | 4025  | 3825  |
| 8300           | 4918     | 4284 | 4079  | 3878  | 5021    | 4381 | 4175  | 3972  |
| 8700           | 5080     | 4437 | 4230  | 4026  | 5187    | 4539 | 4330  | 4124  |
| 9100           | 5250     | 4599 | 4388  | 4181  | 5362    | 4705 | 4492  | 4284  |
| 9500           | 5437     | 4775 | 4561  | 4351  | 5554    | 4886 | 4671  | 4458  |
| 9900           | 5641     | 4968 | 4751  | 4536  | 5764    | 5085 | 4865  | 4649  |
| 10300          | 5840     | 5156 | 4935  | 4717  | 5968    | 5278 | 5054  | 4834  |

**CAUTION:** SHADED AREAS REPRESENT CONDITIONS WHERE THE MAXIMUM LANDING WEIGHT OR CLIMB LIMITED WEIGHT WAS EXCEEDED.



**UNFACTORED LANDING DISTANCE (ft)  
ENGINE ICE PROTECTION ON – WINGSTAB ON  
(SWPS ICE SPEED)  
FLAP FULL**

**PW617F-E ENGINES**

| Weight<br>(lb) | ALTITUDE |      |       |       |         |      |       |       |
|----------------|----------|------|-------|-------|---------|------|-------|-------|
|                | 7000 ft  |      |       |       | 8000 ft |      |       |       |
|                | WIND     |      |       |       |         |      |       |       |
|                | -10 kt   | 0 kt | 10 kt | 20 kt | -10 kt  | 0 kt | 10 kt | 20 kt |
| 7100           | 4620     | 4002 | 3802  | 3606  | 4720    | 4096 | 3895  | 3697  |
| 7500           | 4788     | 4161 | 3958  | 3759  | 4893    | 4260 | 4055  | 3855  |
| 7900           | 4965     | 4328 | 4123  | 3921  | 5075    | 4432 | 4224  | 4020  |
| 8300           | 5131     | 4485 | 4277  | 4072  | 5244    | 4593 | 4382  | 4175  |
| 8700           | 5302     | 4647 | 4436  | 4228  | 5419    | 4758 | 4545  | 4335  |
| 9100           | 5481     | 4818 | 4603  | 4392  | 5602    | 4933 | 4716  | 4503  |
| 9500           | 5678     | 5004 | 4786  | 4571  | 5804    | 5124 | 4904  | 4687  |
| 9900           | 5893     | 5208 | 4986  | 4767  | 6026    | 5333 | 5109  | 4888  |
| 10300          | 6103     | 5406 | 5180  | 4958  | 6241    | 5537 | 5309  | 5085  |

| Weight<br>(lb) | ALTITUDE |      |       |       |          |      |       |       |
|----------------|----------|------|-------|-------|----------|------|-------|-------|
|                | 9000 ft  |      |       |       | 10000 ft |      |       |       |
|                | WIND     |      |       |       |          |      |       |       |
|                | -10 kt   | 0 kt | 10 kt | 20 kt | -10 kt   | 0 kt | 10 kt | 20 kt |
| 7100           | 4920     | 4277 | 4070  | 3866  | 5127     | 4465 | 4252  | 4042  |
| 7500           | 5101     | 4449 | 4238  | 4031  | 5317     | 4645 | 4429  | 4216  |
| 7900           | 5291     | 4629 | 4415  | 4205  | 5516     | 4835 | 4615  | 4398  |
| 8300           | 5469     | 4798 | 4581  | 4368  | 5702     | 5012 | 4788  | 4569  |
| 8700           | 5652     | 4972 | 4752  | 4535  | 5894     | 5194 | 4967  | 4744  |
| 9100           | 5845     | 5155 | 4931  | 4712  | 6096     | 5385 | 5156  | 4929  |
| 9500           | 6056     | 5355 | 5128  | 4905  | 6317     | 5595 | 5362  | 5131  |
| 9900           | 6288     | 5574 | 5343  | 5116  | 6560     | 5825 | 5587  | 5352  |
| 10300          | 6513     | 5788 | 5553  | 5322  | 6796     | 6049 | 5807  | 5568  |

**CAUTION:** SHADED AREAS REPRESENT CONDITIONS WHERE THE MAXIMUM LANDING WEIGHT OR CLIMB LIMITED WEIGHT WAS EXCEEDED.



**APPROACH FLAP 2 AND LANDING FLAP FULL  
ENGINE ICE PROTECTION OFF/ON – WINGSTAB OFF**

**PW617F-E ENGINES**

| WEIGHT<br>(lb) | APPROACH               | LANDING<br>(CLIMB/REFERENCE) | V <sub>FS</sub> – KIAS |
|----------------|------------------------|------------------------------|------------------------|
|                | FLAP 2                 | FLAP FULL                    |                        |
|                | V <sub>AC</sub> – KIAS | V <sub>REF</sub> – KIAS      |                        |
| 7100           | 92                     | 91                           | 108                    |
| 7500           | 94                     | 91                           | 111                    |
| 7900           | 96                     | 91                           | 114                    |
| 8300           | 99                     | 92                           | 116                    |
| 8700           | 101                    | 95                           | 119                    |
| 9100           | 103                    | 97                           | 121                    |
| 9500           | 104                    | 99                           | 124                    |
| 9900           | 106                    | 101                          | 126                    |
| 10300          | 108                    | 103                          | 129                    |

**CAUTION:** SHADED AREAS REPRESENT CONDITIONS WHERE THE MAXIMUM LANDING WEIGHT WAS EXCEEDED.



**APPROACH FLAP 2 AND LANDING FLAP FULL  
ENGINE ICE PROTECTION ON – WINGSTAB ON  
(SWPS ICE SPEED)**

**PW617F-E ENGINES**

| WEIGHT<br>(lb) | APPROACH CLIMB/LANDING<br>(CLIMB/REFERENCE) | V <sub>FS</sub> - KIAS |
|----------------|---|------------------------|
|                | SPEED – KIAS                                |                        |
| 7100           | 105   | 132                    |
| 7500           | 108   | 135                    |
| 7900           | 111   | 138                    |
| 8300           | 114   | 141                    |
| 8700           | 117   | 144                    |
| 9100           | 119   | 147                    |
| 9500           | 122   | 150                    |
| 9900           | 125   | 153                    |
| 10300          | 128   | 156                    |

**CAUTION:** SHADED AREAS REPRESENT CONDITIONS WHERE THE MAXIMUM LANDING WEIGHT WAS EXCEEDED.