

## PT6 Engine Models

Model Number	Shaft H/P	Shaft RPM	Notes
PT6A-6	550	2200	The PT6A-6 was the first basic model in the PT6 Turboprop Series, introduced in 1964
PT6A-6A	550	2200	The PT6A-6A is similar to the basic model, but incorporates provisions for reversing propeller.
PT6A-6B	550	2200	Similar to the basic model, incorporating reversing mechanism, and using the PT6A-20 linkages.
PT6A-11	550	2200	The PT6A-11 is a de-rated PT6A-21.
PT6A-11AG	550	2200	Same as PT6A-11, designated for agricultural use.
PT6A-15AG	680	2200	Similar to the PT6A-27/28, designated for agricultural use.
PT6A-6/C20	550	2200	The PT6A-6/C20 is the designation for the PT6A-6 engines brought up to PT6A-20 standards.
PT6A-20	550	2200	Similar to the basic model having a max. continuous rating equal to T/O rating.
PT6A-20A	550	****	Similar to the PT6A-20 with different exhaust port configuration & optional reversing system.
PT6A-20B	550	2200	Similar to the PT6A-20 except for optional reversing system.
PT6A-21	550	2200	The PT6A-21 is basically a de-rated PT6A-27.
PT6A-25	550	2200	Similar to the PT6A-21, except for inverted flight modifications, optional torque controller and aluminum castings.
PT6A-25A	550	2200	Similar to the PT6A-25, with magnesium castings in place of aluminum castings.
PT6A-25C	750	2200	Similar to the PT6A-25, utilizing a PT6A-34 hot section, PT6T-3B Stage 1 compressor blades, long inducer propeller, PT6A-100 large bore reduction gears and PT6A-25A installation features - Rated same as PT6A-34.
PT6A-27	680	2200	Similar to the basic model featuring higher ratings, revised engine parts and integrated reversing mechanism.

PT6A-28	680	2200	Similar to the PT6A-27, with higher ITT limits.
PT6A-34	750	2200	Similar to the PT6A-27, but has a compressor turbine similar to the PT6T-3 for higher ratings.
PT6A-34B	750	****	Same as PT6A-34 except for aluminum major castings in place of magnesium alloy.
PT6A-34AG	750	2200	The agricultural version of the PT6A-34.
PT6A-36	750	2200	Similar to the PT6A-34 having increased ITT limits.
PT6A-41	850	2000	The PT6A-41 is an engine model which features a modified compressor and 2-stage power turbine for higher ratings.
PT6A-41AG	850	2000	The agricultural version of the PT6A-41.
PT6A-42	850	2000	Similar to the PT6A-41 except for increased cruise rating and increased ITT limits with improved compressor reduced loss exhaust ducts.
PT6A-45	1120	****	The PT6A-45 is similar to the PT6A-41 with increased reduction gearing for higher ratings.
PT6A-45A	1173	****	Same as PT6A-45 with increased T/O ratings and ITT limits.
PT6A-45B	1173	****	Similar to the PT6A-45A except for increased augmentation fluid flow for T/O rating to a higher inlet temperature.
PT6A-45R	1197	****	Similar to the PT6A-45B except for provision for automatic power increase from Alt. T/O power to T/O power.
PT6A-50	1120	****	The PT6A-50 is similar to the PT6A-45A with a new reduction gearbox.
PT6A-60	1050	1700	The PT6A-60 is an up-rated PT6A-42, featuring a new Stage 1 compressor gas producer turbine from the PT6A-65, and gearbox from the PT6A-45.
PT6A-60A	1050	1700	Similar to the PT6A-60 except for upgraded altitude performance.
PT6A-60AG	1050	1700	Similar to the PT6A-60 except for upgraded altitude performance.
PT6A-61	850	2000	Basically a PT6A-60 with a PT6A-42 gearbox.

PT6A-61A	850	****	Upgraded PT6A-60 for up-rated altitude performance.
PT6A-62	950	2000	Similar to the PT6A-60, but is de-rated to 950 SHP - used on the Pilatus PC-9.
PT6A-64	700	2000	700 456 Similar to the PT6A-66 - de-rated with a Max. ITT of 1472 degrees.
PT6A-65AG	1300	1700	Agricultural version of the PT6A-65.
PT6A-65AR	1424	1700	Similar to the PT6A-65R except for up-rated maximum continuous power rating.
PT6A-65B	1100	1700	The PT6A-65B is similar to the PT6A-45 except for an additional axial compressor stage and increased diameter gas producer turbine wheel.
PT6A-65R	1376	1700	The PT6A-65R is identical to the PT6A-65B except for reverse T/O rating.
PT6A-66	850	2000	The PT6A-66 is the basic free turbine turbo-propulsion engine model. This engine can be overhauled or maintained as three modules.
PT6A-66A	850	2000	Similar to the PT6A-66 with slightly higher Thermo ESHP
PT6A-67	1200	1700	Has a max ITT of 1544 degrees with a T/O output speed of 1700 rpm.
PT6A-67A	1200	1700	Similar to the PT6A-67 with a Max. ITT of 1562 degrees. Used on the Beech Starship.
PT6A-67AF	1424	1700	Flat-rated PT6A-67 used on the Conair/IMP Turbo-Firecat.
PT6A-67B	1200	1700	Similar to the PT6A-67A, with a Max. ITT of 1472 degrees.
PT6A-67CF	1650	1700	The PT6A-67CF is a growth version of the -67AF and is flat-rated to 1650 shp.
PT6A-67D	1271	1700	Similar to the PT6A-67A, but is higher rated. Maximum ITT is at 1571 degrees.
PT6A-67R	1424	1700	Similar to the PT6A-67, but with a max. ITT of 1571 degrees. Also includes provisions for automatic power increases from Alt. T/O power to T/O power.
PT6A-110	475	****	Similar to the PT6A-11 except for the introduction of the PT6A135 reduction gearbox.
PT6A-112	500	1900	Similar to the PT6A-27, except that it incorporates PT6A41 fuel system

			concepts and PT6A-135 RGB.
PT6A-114	600	1900	Similar to the PT6A-135 with a single port exhaust and PT6A-41 fuel system, PT6A-135 RGB.
PT6A-114A	675	1900	Similar to the PT6A-114 with a single port exhaust and PT6A-41 fuel system, PT6A-135 RGB.
PT6A-116	700	****	Similar to the PT6A-135 except for reduced T/O and max. continuous power & torque limit, and with PT6A-121 externals.
PT6A-121	615	1900	Similar to the PT6A-21 except for a PT6A-136 RGB and PT6A-112 Power Turbine.
PT6A-135	750	****	Similar to the PT6A-36 except for new reduction gearbox and higher cruise rating.
PT6A-135A	750	1900	Similar to the PT6A-135 except for an increased thermodynamic capability compressor.

Above information is for reference only. BIA does not make any claims for the sake of compliance or certification. Please refer to your local FAA GADO or Pratt Whitney Canada ([www.pwc.ca](http://www.pwc.ca)) for the latest status of these engines