



# CONTINENTAL PRIME™

## CERTIFIED ENGINE SERIES

**INTRODUCING CONTINENTAL PRIME™ ENGINES:  
OUR EXPERIENCE, REDEFINED**

For years, customers have enjoyed Continental® PMA parts for Lycoming®\* engines. In 2017, Continental® introduced **PRIME™** as the new name for this well-established line of parts. Customers now recognize **PRIME™** parts for the quality, dependability, and value of our FAA-approved premium parts.

Today, we are taking our commitment to our customers to the next level by releasing our new line of Continental **PRIME™** certified engines. Designed and certified as a direct drop-in replacement for Lycoming®\* engines, Piper Aircraft®\* selected the Continental **PRIME™** IO-370 engine to power the Pilot 100 and will also be available on the Archer LX and TX later this year.



**THE CONTINENTAL®  
EXPERIENCE, ACCUMULATED  
OVER 110 YEARS IN POWER  
SYSTEMS FOR GENERAL  
AVIATION, ALLOWED US TO  
DESIGN THE PERFECT DROP-  
IN REPLACEMENT ENGINES  
THAT BENEFIT FROM MORE  
TIME IN THE AIR AND LESS  
TIME IN MAINTENANCE.**

Continental **PRIME™** certified engines are not only extremely competitively priced: they also bring multiple advantages that will directly benefit your operations and bottom line. These advantages include an exceptional engine warranty and many optional upgrades like NiC3® cylinders, ensuring that you have everything you need to succeed at the best value.

# WHY CONTINENTAL PRIME™?



Continental **PRIME™** certified IO-370 engines offer reliability and durability for the most competitive price available on the market. With 180 HP at 2700 RPMs and the backing of our OEM manufacturing facility, you will enjoy the performance that you

have come to expect from Continental® while benefiting from technology that was specifically designed with flight schools and fleet operations in mind.

## CONTINENTAL PRIME™ SERIES DETAILS

MODEL	# CYL	RATED POWER	BORE x STROKE	DISPLACEMENT	DRY WEIGHT	HEIGHT	WIDTH	LENGTH	COMPRESSION RATIO
IO-370-DA3A	4	134.2 kW @ 2700	130.175 x 114.3 mm	6079.6 cm <sup>3</sup>	132.675 kg	595.63 mm	848.614 mm	838.708 mm	8.1:1
		180 HP @ 2700	5.125 x 4.5 in	371 in <sup>3</sup>	292.5 lbs	23.45 in	33.41 in	33.02 in	

  

SPARK PLUG BOSS	AVIATION GRADE, OCTANE (RECOMMENDED)	FUEL DELIVERY	CHT – MAXIMUM	CHT AT MAXIMUM CRUISE (RECOMMENDED)	NORMAL OPERATING OIL TEMP	NORMAL OPERATING OIL PRESSURE, PSI (MAXIMUM/MINIMUM/IDLING)
18mm	100/100LL	Injection	500°F	425°F	180°F – 245°F	90/60/25

  

ENGINE MOUNT	PROPELLER	CRANKSHAFT FLANGE	CRANKSHAFT OIL CAPACITY	CRANKSHAFT BUSHINGS (PROP BOLT SIZE)	VALVE TRAIN TYPE
Dynafocal Type 1	Fixed Pitch	11.176 mm thick	7.57 liters	½-20 UNF	Roller Lifter
		0.44 in thick	8 quarts		

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