

DLA Engines – What a Difference "A" Letter Makes

	<p>DLA - 32cc GAS ENGINE \$335.99 (Subject to Change w/o notice)</p> <p>Displacement: 32cc (1.95 in³) Compression: 7.8 : 1 HP: 3.8 Hp @ 8,200 rpm Idle: 1,700 rpm Static Thrust: 19.4 pounds @ 100 m (~328 ft) (Pulling Force) 17.2 pounds @ 1800 m (~5,900 ft) Propellers: 18 x 8, 18 x 10, 19 x 8, 20 x 8 Weight: 37.9 oz (Engine, Ignition, Muffler)</p> 
 <p>DLA 45cc Long Stroke Twin Boxer</p>	<p>DLA - 45cc Long Stroke GAS ENGINE \$459.99 (Subject to Change w/o notice)</p> <p>Displacement: 45cc (2.75 in³) Compression: 8 : 1 HP: 4.9 Hp @ 7,800 rpm Idle: 1,600 - 2,500 rpm (8,000 max rpm) Static Thrust: 22 pounds @ 100 m (~328 ft) (Pulling Force) 20 pounds @ 1,800 m (~5,900 ft) Propellers: 19 x 8, 19 x 10, 20 x 8, 20 x 10 Weight: 55 oz (Engine)</p> 
	<p>DLA - 58cc GAS ENGINE \$440.99 (Subject to Change w/o notice)</p> <p>Displacement: 58cc (3.54 in³) Compression: 7.8 : 1 HP: 6.0 Hp @ 8,500 rpm Idle: 1,400 rpm Static Thrust: 33.1 pounds @ 100 m (~328 ft) (Pulling Force) 29.1 pounds @ 1,800 m (~5,900ft) Propellers: 22x10, 23x8/10, 24x8 Weight: 54.8 oz (Engine, Ignition, Muffler)</p> 
	<p>DLA - 64cc TWIN BOXER \$640.99 (Subject to Change w/o notice)</p> <p>Displacement: 64cc (3.91 in³) Compression: 7.8 : 1 HP: 7.2 Hp @ 8,500 rpm Idle: 1,400 rpm Static Thrust: 34.4 pounds @ 100 m (~328 ft) (Pulling Force) 30.4 pounds @ 1,800 m (~5,900 ft) Propellers: 22x10, 23x8 /10, 24x8 Weight: 68.1 oz (Engine, Ignition, Mufflers)</p> 
 <p>DLA 64cc -12 In-Line Twin</p> <p><small>Golden Skies R/C Aircraft, Inc. 949-378-5998</small></p>	<p>DLA - 64cc -12 In-Line Twin \$877.99 (Subject to Change w/o notice)</p> <p>Displacement: 64cc (3.91 in³) Compression: 7.8 : 1 (\$689.99 effective 6-1-19) HP: 7.6 Hp @ 8,500 rpm Idle: 1,400 rpm Static Thrust: 34.4 pounds @ 100 m (~328 ft) (Pulling Force) 30.4 pounds @ 1,800 m (~5,900 ft) Propellers: 22x10, 23x8 /10, 24x8 Weight: 90.2 oz (Engine, Ignition, Mufflers)</p> 
	<p>DLA - 116 cc TWIN BOXER \$840.99(Subject to Change w/o notice)</p> <p>Displacement: 116cc (7.08 in³) Compression: 7.8 : 1 HP: 11.8 @ 7,500 rpm Idle: 1,300 rpm Static Thrust: 59.9pounds @ 100 m (~328ft (Pulling Force) 52.5 pounds @ 1,800 m (~5,900 ft) Propellers: 26x10/12, 27x10, 28x10 Weight: 96.0 oz (Engine, Ignition, Mufflers)</p> 
	<p>DLA - 116cc- 12 In-LINE TWIN \$1,168.99 (Subject to Change w/o notice)</p> <p>Displacement: 116cc (7.08 in³) Compression: 7.8 : 1 HP: 12.8 @ 7,500 rpm Idle: 1,200 rpm Static Thrust: 61.8 pounds @ 100 m (~328 ft) (Pulling Force) 55.1 pounds @ 1,4887800 m (~5,900 ft) Propellers: 27x10/12, 28x10, 29x10 Weight: 102.3 oz (6.39lbs) (Engine only)</p> 

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 <p>DLA 128cc</p>	<p>DLA - 128cc QUAD BOXER \$1,468.99 (Subject to Change w/o notice)</p> <p>Displacement: 128cc (7.81 in³) Compression: 7.8 : 1 HP: 13 HP @8,000 rpm Idle: 1,250 rpm Static Thrust: 61 pounds @ 100 m (~328 ft) (Pulling Force) Propellers: 27 x 10/12, 28 x 8/10, 29 x 10 Weight: 120 oz, (7.49 lbs) Engine Only</p> 
	<p>DLA - 180cc Twin BOXER \$1,250.99 (Subject to Change w/o notice)</p> <p>Displacement: 180cc (10.98 in³) Compression: 7.8 : 1 HP: >18 HP @ 7,200 rpm Idle: 1,100 rpm Static Thrust: ~90 pounds @ 100 m (~328 ft) (Pulling Force) Propellers: 32 x 10 / 12 / 14, 33 x 10 Weight: 129. oz, (8.1 lbs) Engine Only</p> 
 <p>DLA 232cc QUAD Boxer</p> <p><small>www.goldensrc.com 949-378-5998</small></p>	<p>DLA - 232cc QUAD BOXER \$1,850.99 (Subject to Change w/o notice)</p> <p>Displacement: 232cc (14.6 in³) Compression: 7.8 : 1 HP: >23 HP @ 7,500 rpm Idle: 1,150 rpm Static Thrust: >100 pounds @ 100 m (~328 ft) (Pulling Force) Propellers: 34 x 10, 35 x 10 – 12, 36 x 10. 2-Blade, 27 x 14, 30 x 12, 32 x 12 3-Blade Weight: 172.8 oz, (10.8 lbs) Engine, 15.8 oz (0.99 lbs) Mufflers, 15.2 oz (0.95lb) CDI</p> 

FEATURE	ADVANTAGE	BENEFIT
<p>CRANKCASE MATERIAL: "Aircraft Grade" 7075 Aluminum Alloy Strength of Steel but the Weight of Aluminum</p>	<ul style="list-style-type: none"> • Superior Tolerances: ± 0.01 mm, (±0.0004") • Better seating and seals for bearings, more Concentric 	<ul style="list-style-type: none"> • LESS VIBRATION • INCREASED DURABILITY
<p>CNC Machined Crankcase From a Billet, Not Cast</p>	<ul style="list-style-type: none"> • More repeatable in Mfg • Better Tolerances • Bearing Pressed in more Concentric 	<ul style="list-style-type: none"> • More Durable • Better Bearing Alignment, concentric • Less Vibration
<p>BEARINGS: Premium FAG German Mfg.</p>	<ul style="list-style-type: none"> • SMOOTHER RUNNING • Three Bearings to support the Crankshaft (DLA 64 & 116cc). 4 in the 128cc QUAD 	<ul style="list-style-type: none"> • LESS VIBRATION • LONGER LASTING
<p>Crankshaft: Stronger & Higher Grade Steel</p>	<ul style="list-style-type: none"> • Stronger • Straighter • Tolerances ± 0.01 mm • Precision Alignment to Bearings 	<ul style="list-style-type: none"> • More Durable • Less Vibration • Less "Run-Out"
<p>Self Centering Prop Shaft and Hub</p>	<ul style="list-style-type: none"> • Mutually Concentric-Tapered Prop-hub and Prop-Shaft Extension 	<ul style="list-style-type: none"> • Less Run-Out": ± 0.01 mm
<p>Carburetors: Standardized on USA or China-Japan Brands (not "clones")</p>	<ul style="list-style-type: none"> • Tillotson: (DLA 32cc), Walbro: on al other Engines, Beginning 1-1-2021 all carburetors will be an "Equivalent Walbro" 	<ul style="list-style-type: none"> • EASIER TO TUNE • MORE STABLE • MORE RELIABLE • EASY TO SERVICE
<p>Prop-Shaft Extension:</p>	<ul style="list-style-type: none"> • Stronger Alloy Steel • More Concentric • Weight Decreased 	<ul style="list-style-type: none"> • Less Run-Out • Less Vibration • More Stable
<p>IGNITION: DLA Exclusive Redesigned and Tested for Less Electro Magnetic Interference (EMI)</p>	<ul style="list-style-type: none"> • Designed and Tested to Meet the European Norms "CE" compliant, vs. FCC Part 15, Class B; European Norms are much stricter and assure less EMI and less interference with radios 	<ul style="list-style-type: none"> • Reduces or Eliminates Radio Receiver and Servo Interference.
<p>Mufflers:</p>	<ul style="list-style-type: none"> • Redesigned: • Stronger with Vibration Resistant Gaskets 	<ul style="list-style-type: none"> • Increased Power • Reduced Noise
<p>Service, USA Base @ Golden Skies R/C Aircraft, Inc.</p>	<ul style="list-style-type: none"> • Parts Stocked in the USA 	<ul style="list-style-type: none"> • Less Expensive • Faster Turn around
<p>Warranty</p>	<p>Three (3) years: 32, 45, 58, 64, 116 Two (2) years: 64-12, 116-12, 128, 180, 232cc</p>	<ul style="list-style-type: none"> • Superior