

ACE

'47 "Twin" .620 ignition - opposed type twin

AIRCRAFT INDUSTRIES (All engines are spark ignition)

'35 "Baby Cyclone", Model X .364 - 7 fins, fixed points
 '36 "Baby Cyclone", Model A .364 - 11 fins, blue-gray paint
 '36 "Baby Cyclone", Model B .364 - 11 fins, no paint
 '36 "Baby Cyclone", Model C .364 - 6 holes in head
 '37 "Baby Cyclone", Model D .364 - first with movable points
 '38 "Baby Cyclone", Model E .364 - tapered fin profile, fake head
 '38 "Baby Cyclone", Model F .364 - same as "E" externally
 '40 "Super Cyclone" Series G .647 single spark plug, thin flanges
 '40 "Super Cyclone" Series G .647 twin spark plugs, thin flanges
 '40 "Super Cyclone" Series GR .603 single plug, thick flanges
 '40 "Super Cyclone" Series GR .603 twin plugs, thick flanges
 '40 "Super Cyclone" Series GR .603 race car type with flywheel

AIR-O MODEL SUPPLY

'46 "Mighty Midget" .451 ignition - metal fuel tank on backplate
 '47 "Diesel" .278 - variable compression type
 '48 "Mighty Midget" .451 glow - finless head
 '48 "Cobra" .451 ignition - same as Bunch Tiger Aero, black cyl.
 '48 "Cobra" .451 ignition - cad. plated cylinder, 3/8" plug
 '48 "Cobra" .451 ignition - cad. plated cylinder, 1/4" plug
 '49 "Cobra" .451 glow - cadmium plated cylinder

AJAX (Canadian)

'38 .359 spark ignition

A. J. G.

'37 .605 spark ignition

A. L. ENGINES

'38 1.687 - 4-cycle, overhead valves, spark ignition

ALLYN SALES CO.

'54 "Sky Fury" .049 glow - small ports in sleeve, std. glow plug
 '54 "Sea Fury Outboard" .049 glow - small ports in sleeve
 '55 "Sea Fury Inboard" .049 glow - built similar to outboard
 '55 "Sky Fury Twin" .099 glow - no colored parts
 '55 "Sky Fury Twin" .148 glow - gold anodized heads & prop driver
 '55 "Mar Fury Twin" .120 glow - with flywheel for inboard boats
 '55 "Sea Fury Outboard Twin" .120 glow - no colored parts
 '55 "Sea Fury Outboard Twin" .148 glow - blue heads and flywheel
 '55 "Sea Fury Inboard Twin" .120 glow - no colored parts
 '55 "Sea Fury Inboard Twin" .148 glow - blue heads and flywheel

AMERICAN JUNIOR AIRCRAFT

'55 "Firecracker" .065 glow - pneumatic-operated speed control

ANGIL

'46 "Aircraft" .604 ignition
 '46 "Race Car" .604 ignition

ATHEARN

'58 "Pogo" .092 glow - pneumatic-operated speed control

ATOMIC

'46 .603 ignition - similar to Hornet .60

ATWOOD

- '38 "Phantom" .276 ignition - original "Bullet", round backplate
- '39 "Wasp Special" .276 ignition - car version of "Phantom"
- '40 "Blue Crown Champion" .603 ign. - for cars, 2 intakes
- '40 "Red Crown Champion" .603 ign. - for cars, single intake
- '40 "Green Crown Champion" .603 ign. - for planes, single intake
- '41 "Champion" .600 ign. - radial head fins, twin coupled intakes
- '45 "Champion" Model H .630 ign - radial head fins, dull castings
- '46 "Super Champion" Model H .630 ign. - parallel head fins
- '46 "Super Champion" Model JH .630 ign. - name cast on bypass
- '47 "Champion" Model J .630 ignition - black crackle painted case
- '48 "Glo-Devil" .630 - same as Champion JH but no paint or timer
- '48 "Super Champion" Model DR .624 ign - straight rear venturi
- '48 "Glo-Devil" Model DR .624 - same as ign. DR but no points
- '48 "Triumph .49" .491 ignition
- '48 "Triumph .51" .503 ignition
- '48 "Triumph .49" .491 glow
- '48 "Triumph .51" .503 glow
- '50 "Wasp" .049 glow
- '53 ".049" .050 glow - same as Wasp but with straight fin profile
- '53 ".051" .051 glow
- '53 ".049" .050 glow - red or blue anodized head
- '53 ".051" .051 glow - yellow anodized head
- '54 "Cadet" .049 glow - plain head
- '54 "Outboard Marine" Air Cooled .050 glow - no colored parts
- '54 "Outboard Marine" Water Cooled .050 glow - no colored parts
- '54 "Inboard Marine" Air Cooled .050 glow - rear mounted drive
- '54 "Inboard Marine" Water Cooled .050 glow - rear drive
- '54 "Signature .049" .050 glow - had spinner
- '55 "Signature .051" .051 glow - had spinner
- '56 "Shriek .049" .050 glow - rounded fin profile
- '56 "Shriek .051" .051 glow - rounded fin profile

AVIATION INDUSTRIES

- '38 "New Hurricane" .066 ignition

AVION

- '38 "Mercury" 1.530 ignition - ribs on crankcase front cover
- '47 "Mercury" 1.610 ignition - smooth crankcase front cover

BALL (B & D Racing Engines)

- '47 .604 ignition - twin exhaust stacks on same side of cylinder

BANTAM

- '38 .164 ignition - sand cast, circular holes for exhaust
- '40 .192 ignition - first rear rotary Bantam, natural metal fins
- '46 "Champ" .199 ignition - black cylinder fins

BARKER

- '40 "Model C" .690 ignition - transparent fuel tank on venturi
- '41 "Model B" .690 ignition - die-cast tank includes venturi
- '41 "Model A" .690 ignition - same as "B" but for inverted use
- '41 "Spitfire" .690 ignition - longer mounting lugs, tank on vent.
- '46 "Man-Ul-Matic" .604 ign. - rear rotary, nameplate on case

BAT

- '38 .192 spark ignition

B - B (Bennett Electrical Machine Works)

- '38 .780 spark ignition

BELMONT

- _____ '39 .562 ignition - same as Imp G-9
- _____ '39 "Gnat" .155 ignition - smaller version of .562

BLACK PANTHER

- _____ '41 .604 ignition - Hassad design similar to Edco Sky Devil

BLUESTREAK

- _____ '48 .648 ignition - Hassad design, blue-painted cylinder

BOHABOY

- _____ '36 .686 ignition - sand cast, sideport

BOND

- _____ '46 "B. R. L. Model A" .570 ignition, name stamped on bypass
- _____ '46 "Model 680" .679 ignition, name on bypass

BONE TOOL & GAGE CO.

- _____ '46 "Howler" .604 ignition - no air intake at needle valve
- _____ '47 "Howler" .604 ignition - small air intake at needle valve

BONNEY

- _____ '39 "B" .276 ignition
- _____ '39 "C" .488 ignition
- _____ '39 "super C" .687 ignition

BRADLEY

- _____ '46 "Class C" .610 ignition

BUNCH

- _____ '36 "Mighty Midget" .451 ign. - lapped piston, bolt-on finless head
- _____ '36 "Gwin Aero" .421 ign. - lapped piston, bolt-on finless head
- _____ '37 "Mighty Midget" .451 ign. - rings, bolt-on finless head
- _____ '37 "Gwin Aero" .421 ign. - rings, bolt-on finless head
- _____ '37 "Gwin Aero" .421 ign. - upright, bolt-on finned head
- _____ '37 "Gwin Aero Inverted" .421 ign. - name stamped "upside down"
- _____ '37 "Mighty Midget Inverted" .451 ign. - finless bolt-on head
- _____ '37 "Mighty Marine" .564 ign. - like '37 Gwin but with flywheel
- _____ '38 "Warrior" .451 ign. - has radial mounts only
- _____ '38 "Mighty Midget" .489 ign. - brazed-on round-profile finned head
- _____ '38 "Mighty Midget Inverted" .489 ign. - name stamped "upside-down"
- _____ '38 "Gwin Aero" .489 ign. - brazed-on round-profile finned head
- _____ '38 "Gwin Aero Inverted" .489 ign. - name stamped "upside-down"
- _____ '38 "Mighty Marine" .489 ign. - like '38 Gwin but with flywheel
- _____ '38 "Speedway" .489 ign. - exhaust on opposite side from Marine
- _____ '40 "Mighty Midget" .451 ign. - shallow head fins
- _____ '40 "Mighty Midget Inverted" - name upside down
- _____ '40 "Gwin Aero" .451 ign. - shallow finned head
- _____ '40 "Gwin Aero Inverted" .451 ign. - name stamped upside down
- _____ '40 "Mighty Marine" .451 ign. - like '40 Gwin but with flywheel
- _____ '40 "Speedway" .451 ign. - shallow finned head, "porthole" in cyl.
- _____ '40 "Tiger Aero" .451 ign. - oval-ended exhaust stack
- _____ '40 "Tiger Speedway" .451 ign. - like Tiger Aero but exh. opposite
- _____ '40 "Tiger Marine" .451 ign. - like Tiger Aero with flywheel
- _____ '46 "Tiger Aero" .451 ign. - square-ended exhaust stack

BUNGAY

- _____ '48 .607 ignition - "racing-type engine"

BURGESS

_____ '47 "M-5" .922 ign. - 5-cyl. 4-cycle, has fillets on rocker arms

BUZZ

_____ '48 "A .19" .199 ignition
 _____ '48 "B .29" .292 ignition
 _____ '48 "C .35" .342 ignition
 _____ '48 "D .60" .610 ignition
 _____ '49 "A .19" .199 glow
 _____ '49 "B .29" .292 glow
 _____ '49 "C .35" .342 glow
 _____ '49 "D .60" .610 glow
 _____ '49 "CO₂" .0052 Compressed carbon dioxide motor

CAMERON

_____ '46 "23" .230 ignition - gray "hammertone" painted case
 _____ '52 "19" .199 glow - lapped piston
 _____ '52 "19" .199 glow - ringed piston
 _____ '53 "L-2" .199 glow - twin needle valves, lapped piston
 _____ '54 ".09 Special Marine" .099 glow - vertical cyl. fins
 _____ '54 ".09 Marine, 2-speed" .099 glow - twin needle valves
 _____ '55 ".19 Marine" .199 glow - water cooled, round exhaust, rings
 _____ '55 ".19 Marine" .199 glow - same as next above but lapped piston
 _____ '55 ".19 Marine" .199 glow - same as ring piston model, 2 n.v's.
 _____ '55 ".19 Marine" .199 glow - same as next above but lapped piston

CAMPUS INDUSTRIES

_____ '47 "A-100" CO₂ .00153 - tank attached to engine
 _____ '48 "A-100" CO₂ .00153 - sand cast case, separate unpainted tank
 _____ '48 "A-100" CO₂ .00153 - die-cast case, tank painted red
 _____ '49 "Bee" CO₂ - larger version of last A-100
 _____ '50 "29" .292 glow - resembles Rogers but with steel cylinder

CANNON

_____ '41 "300" .299 ign. - sand cast head with parallel fins
 _____ '41 "358" .358 ign. - sand cast head with parallel fins
 _____ '46 "300" .299 ign. - machined head with circular fins
 _____ '46 "358" .358 ign. - machined head with circular fins
 _____ '46 "300, Strato Timer" .299 ign. - timer has many adjustments
 _____ '46 "358, Strato Timer" .358 ign. - timer has many adjustments

CHEMINOL CORPORATION

_____ '53 "O & R 23" .231 glow - front rotary, silver-colored head
 _____ '53 "O & R 29" .299 glow - front rotary, silver or blue head
 _____ '53 "O & R 33" .329 glow - front rotary, red head
 _____ '54 "O & R 29 Marine" .299 glow - drive at rear, blue head
 _____ '55 "Midjet" .049 glow - included die-cast fuel tank
 _____ '56 "Marine" .049 glow - water-cooled cylinder
 _____ '56 "Mite" .049 glow - same as Midjet but no fuel tank
 _____ '59 "Midjet" .049 glow - die-cast tank & pull starter
 _____ '59 "Mite" .049 glow - no fuel tank but had pull starter
 _____ '59 "Marine" .049 glow - water cooled, pull starter

G. I. E. (Compression Ignition Engines)

_____ '46 "10 Diesel" .103 - had fuel tank like last Brown .60
 _____ '47 "15 Diesel" .147 - no fuel tank, plain straight venturi

CHUNN

_____ '37 "Chum" .163 ignition

CLAUDE C. SLATE COMPANY

- _____ '47 "Fox 59 H1-Torque" .599 ign. - lapped piston
- _____ '48 "Fox 59 H1-Speed" .599 ign. - piston rings
- _____ '49 "Fox 49 H1-Torque" .499 ign. - same as 59 but with short stroke
- _____ '49 "Fox 49 H1-Speed" .499 ign. - same as 59 but shorter stroke

CLEVELAND MODEL & SUPPLY

- _____ '36 "Tom Thumb" .451 ign. - same as '36 Bunch "M.M." except name
- _____ '37 "Tom Thumb Inverted" .451 ign. - as above but name upside down

CLIPPER

- _____ '51 "XX770" .381 ignition
- _____ '51 "Special" .381 glow - dummy "timer housing"
- _____ '51 "XX770" .381 ignition - no spark plug, used mica "firing head"

COBEY-WAITE

- _____ '46 "Cobra" .147 ign. - postwar version of Madewell Mite

COMET MODEL AIRPLANE & SUPPLY CO.

- _____ '41 "35" .350 ignition - forerunner of Vivell 35

CONDOR

- _____ '38 "Midget" .162 ignition
- _____ '39 "60" .678 ignition
- _____ '41 "Kopper King" .604 ignition

CORPORATE PRODUCTS

- _____ '47 "Rocket Special" .461 ign. - "Rocket" with enclosed timer

CUNNINGHAM

- _____ '47 "Orwick 64" .647 ign. - green "hammertone" painted case

D & S (DeLong & Steele)

- _____ '40 .297 ignition - sand cast predecessor of Cannon 300

DALLAIRE

- _____ '38 "Pee-Wee" .110 ignition
- _____ '38 "Pee-Wee B" .140 ignition - forerunner of Marvin

DAVIES

- _____ "Dwarf" - no data available

DEEZIL

- _____ '48 "A" .125 diesel

DEMCO

- _____ '35 "Fireball" .588 ignition

DENNY INDUSTRIES

- _____ '37 "Skycharger" .573 ign. - round cylinder fins
- _____ '38 "Airstream" .573 ign. - streamlined cylinder, all sand cast
- _____ '38 "Racing Car Motor" .573 ign. - like Airstream, metal tank
- _____ '40 "Dennymite" .573 ign. - permanent mold case castings

DOBE-OTT

- _____ '30 3-Cylinder radial compressed air motor

DOOLING BROTHERS

- _____ '47 "61" .605 ignition
- _____ '50 "29" .298 glow

DRAGON

_____ '40 .214 ignition - nearly identical to Trojan Jr.

DREADNAUGHT

_____ '42 .198 ignition - forerunner of Canadian "Hurricane"

DRIMMIE

_____ '40 "10" .607 ignition

DRONE ENGINEERING

_____ '47 "Drone 'B'ee" .297 diesel - venturi part of case casting
 _____ '47 "Gold Crown" .297 diesel - gold head, venturi screws in case
 _____ '48 "Ball Bearing" .299 diesel - case contours very smooth
 _____ '48 "Variable Compression" .299 diesel - ball bearing type
 _____ '49 "Glow" .299 - same as diesel except for red glow head

DURO-MATIC PRODUCTS

_____ '46 "McCoy MCCR" .604 ign. - car & boat motor, natural metal finish
 _____ '46 "McCoy MCCA" .604 ign. - airplane motor, natural metal finish
 _____ '47 "McCoy Redhead" .607 ign. - car & boat motor, black case
 _____ '47 "McCoy Redhead" .607 ign. - airplane motor, black case
 _____ '47 "McCoy Redhead Jr." .491 ign. - black case
 _____ '47 "McCoy Redhead 29" .296 ign. - black case
 _____ '48 "McCoy Sportsman Jr." .359 glow - black head & case covers
 _____ '48 "McCoy Sportsman Sr." .548 glow - black head & case covers
 _____ '48 "McCoy 19" .199 ign. - painted red head, shiny die-cast parts
 _____ '48 "McCoy 19" .199 glow - no painted parts, dull finish
 _____ '48 "McCoy 60 Series 20" .607 ign. - natural metal case
 _____ '49 "McCoy Sportsman 29" .296 glow - upsloped rear intake
 _____ '49 "McCoy Race Car 19" .199 glow - ball bearings, gear on shaft
 _____ '49 "McCoy 9" .098 glow - rings, glow element in head
 _____ '49 "McCoy Redhead 29" .296 glow - die-cast parts, head rather flat
 _____ '49 "McCoy Redhead 29" .296 ign. - as above but with timer
 _____ '50 "McCoy Redhead 19" .199 glow - big case front cover, ball brg.
 _____ '50 "McCoy Redhead 29" .296 glow - rounded head corners
 _____ '50 "McCoy Redhead 60" .604 glow - like Series 20 but no timer
 _____ '50 "McCoy 19" .193 glow - front rotary valve
 _____ '50 "McCoy 29" .296 glow - front rotary valve
 _____ '50 "McCoy 9" .098 glow - lapped piston, standard glow plug
 _____ '51 "McCoy 49" .491 glow - natural finish case
 _____ '51 "Baby Mac" .049 glow - squarish crankcase, red head
 _____ '53 "Duroglow .049" .049 diesel - bright red head
 _____ '54 "McCoy '9' Diesel" .098 - larger version of Duroglow .049
 _____ '54 "Super Stunt '29' Sportsman" .299 glow - front rotary, lapped
 _____ '54 "Super Stunt '19' Sportsman" .193 glow - front rotary, lapped
 _____ '55 "Super Stunt '36' Sportsman" .344 glow - as above
 _____ '55 "Duroglow .049" .049 glow - long venturi, pinkish red head
 _____ '55 "Duroglow .049" .049 glow - as above but with spring valve int.
 _____ '55 "Duroglow .049" .049 diesel - spring valve in intake
 _____ '57 "McCoy 35 Redhead" .349 glow - black cylinder, shiny case
 _____ '58 "McCoy 29 Redhead Stunt" .299 - as above
 _____ '58 "McCoy 60 Redhead Racing Engine" .607 glow - sand cast case end
 _____ '58 "McCoy 19 Redhead Stunt" .200 glow - black cyl., shiny case

DYNAMIC

_____ '29 "Single" 2.651 ign. - 4-cycle
 _____ '30 "Radial Four" 9.810 ignition - 4-cylinder, 4-cycle radial

DYNAMIC MODELS

_____ '55 "Johnson .29" .291 glow - iridescent green case
 _____ '55 "Johnson .32" .317 glow - iridescent green case
 _____ '55 "Johnson .35" .331 glow - iridescent green case
 _____ '56 "Johnson .29" .291 glow - natural case
 _____ '56 "Johnson .32" .317 glow - natural case
 _____ '56 "Johnson .35" .331 glow - natural case
 _____ '59 "Johnson Stunt - RC" .335 glow
 _____ '59 "Johnson 35" .349 glow
 _____ '60 "Holland Hornet 2-Speed .049" .049 glow - twin needle valves
 _____ '60 "Holland Hornet 2-Speed .051" .051 glow - twin needle valves
 _____ '60 "Holland Hornet .049" .049 glow
 _____ '60 "Holland Hornet .051" .051 glow
 _____ '60 "Johnson 35 Combat Special" .349 glow - pressure bleed in case
 _____ '60 "Johnson 35 Stunt Supreme" .335 glow
 _____ '60 "Johnson 29R" .291 glow - big crankshaft

EDCO (Engineering Developments Corporation)

_____ '47 "Sky Devil 1500 SD" .649 ignition - dull red case
 _____ '47 "Sky Devil 1500 SDR" .610 ignition - red case, thick sleeve
 _____ '47 "Diesel" .450 - very massive, red case

ELF ENGINES

_____ '36 .136 ignition - vertical plug, float carb., 4 screws thru prop
 _____ '40 "Single" .097 ign. - horizontal plug
 _____ '40 "Single, Inverted" .097 ignition - as above but tank reversed
 _____ '40 "Twin" .198 ignition - external intake tubes
 _____ '41 "Four" .396 ignition - external intake tubes
 _____ '47 "Twin" .198 ignition - reed valve, no external tubes
 _____ '48 "Four" .396 ignition - reed valve, no external tubes
 _____ '48 "Six" .594 ignition - reed valve

EVERSON

_____ '47 "29" .290 ignition - matte case with name cast on bypass

FEENEY

_____ '38 "Single" .687 ignition, 4-cycle
 _____ '39 "Twin" 1.374 ignition, 4-cycle
 _____ '40 "Model A" 1.180 ignition, 4-cycle
 _____ '40 "Model B" .914 ignition, 4-cycle
 _____ '40 "Model C" .617 ignition, 4-cycle

FERGUSON

_____ '36 "Eagle" .589 ignition, single cylinder
 _____ '36 "Falcon" 1.178 ignition, twin cylinder
 _____ '36 "Condor" 2.356 ignition, four cylinders
 _____ '37 "Twin" 1.182 ignition
 _____ '37 "Four" 2.364 ignition

FORSTER

_____ '35 .997 ignition - all sand cast, has "choke nut" on venturi
 _____ '36 "Little Hercules" .997 ign. - sand cast, has carburetor
 _____ '36 "AA" .997 ign. - die cast, needle valve
 _____ '36 "CA" .997 ign. - die cast, carburetor
 _____ '36 "AI" .997 ign. - water cooled, needle valve
 _____ '36 "CW" .997 ign. - water cooled, carburetor
 _____ '37 "Little Hercules" .997 ign. - ball bearing crankshaft
 _____ '39 "Model B" .997 ign. - needle valve, ball bearing
 _____ '39 "Super B" .997 ign. - carburetor, ball bearing
 _____ '40 "Model C" .997 ign. - large ports, needle valve

FORSTER (continued)

_____	'42	"29"	.297 ign. - slanted end venturi, plain bearing shaft
_____	'47	"29"	.297 ign. - flared end venturi, ball bearing shaft
_____	'47	"99"	.997 ign. - big exhaust stack, 2-speed ignition
_____	'49	"305"	.305 ignition - like '47 "29"
_____	'50	"G-29"	.297 glow - upsloped rear intake
_____	'50	"G-31"	.305 glow - upsloped rear intake
_____	'52	"F-29"	.294 glow - front rotary valve
_____	'52	"F-31"	.305 glow - front rotary valve
_____	'55	"35"	.349 glow - front rotary valve
_____	'58	"29R"	.299 glow - front rotary valve
_____	'58	"35R"	.349 glow - front rotary valve
_____	'58	"29RW"	.299 glow - water cooled
_____	'58	"35RW"	.349 glow - water cooled
_____	'58	"29RC"	.299 glow - with speed control
_____	'58	"35RC"	.349 glow - with speed control
_____	'58	"29RCW"	.299 glow - water cooled, speed control
_____	'58	"35RCW"	.349 glow - water cooled, speed control

FOX MANUFACTURING COMPANY

_____	'49	"35"	.352 glow - sand cast, no markings on engine
_____	'49	"29"	.299 glow - sand cast, "29" stamped on exhaust stack
_____	'50	"Racing Special"	.299 glow - sand cast, big ports
_____	'50	"59 Stunt"	.599 glow - large downdraft venturi with smooth bac
_____	'51	"59"	.599 glow - smaller downdraft venturi with indented end
_____	'52	"29"	.299 glow - die cast case
_____	'52	"35"	.354 glow - die cast case
_____	'53	"19"	.198 glow - complex split crankcase, square venturi
_____	'54	"19"	.199 glow - conventional design case
_____	'54	"59"	.599 glow - front rotary valve
_____	'54	"25"	.257 glow - bored-out 19, "25" on spotface on bypass
_____	'54	"19 2-Speed"	.199 glow - twin needle valves
_____	'54	"25 2-Speed"	.257 glow - twin needle valves
_____	'54	"35 2-Speed"	.352 glow - twin needle valves
_____	'54	"59 2-Speed"	.599 glow - twin needle valves
_____	'56	"29R"	.299 glow - huge intake, twin glow plugs
_____	'56	"29R"	.299 glow - huge intake, single glow plug
_____	'57	"Combat Special"	.353 glow
_____	'57	"19"	.199 glow - splined shaft & prop driver
_____	'57	"19"	.199 glow - speed control via exhaust throttle
_____	'57	"25"	.256 glow - speed control via exhaust throttle
_____	'57	"35"	.352 glow - speed control via exhaust throttle
_____	'57	"59"	.599 glow - speed control via exhaust throttle
_____	'57	"19"	.199 glow - wide mounting lugs
_____	'57	"25"	.256 glow - wide mounting lugs
_____	'57	"35 Stunt"	.352 glow - red painted head
_____	'58	"Black Head Special"	.352 glow - black painted head
_____	'58	"15"	.145 glow
_____	'58	"29X"	.299 glow - head screws go thru cylinder fins
_____	'59	"Rocket .099"	.098 glow
_____	'60	"59 Mark IV"	.599 glow - ball bearing shaft
_____	'60	"Combat Series III"	.352 glow - removable case front cover

FRASER

_____ '46 .351 ignition

GENIE

_____ '47 "29" .292 - like Rogers but with Ohlsson-type timer

G. H. Q.

_____ '36 .518 ignition - made without significant change to 1948

GIL

_____ '31 .527 ignition - looks like a primitive Syncro Ace

GREMLIN

_____ '46 "B" .293 ignition

H & H

_____ '46 .451 glow - element built into head

HASSAD

_____ '47 .605 ign. - large swept-forward twin exhaust stacks

HAYWARD-CONNELLY

_____ (No data available)

HELM

_____ (No data available)

HERKIMER TOOL & MODEL WORKS

_____ '38 "OK" .604 ignition - sand-cast crankcase
 _____ '38 "OK standard" .616 ign. - fins on head, no exhaust stack
 _____ '38 "OK DeLuxe" .616 ign. - fins on head, exhaust stack
 _____ '38 "OK Special" .616 ign. - finless head, no exhaust stack
 _____ '39 "OK Marine" .616 ign. - like "Special" but with flywheel
 _____ '39 "OK Special" .604 ign. - flat head, "bow" lock on needle
 _____ '39 "OK Twin" 1.208 ign. - black painted case, no exhaust stacks
 _____ '39 "Raceway Special" .604 ign. - flat head, flywheel, no stack
 _____ '39 "Raceway Standard" .604 ign. - head fins, exhaust stack, wheel
 _____ '40 "OK 49" .493 ign. - small cast venturi, "49" stamped on lug
 _____ '41 "OK Tornado" .604 ign. - front rotary valve, rear timer
 _____ '45 "OK Super 60" .604 ign. - flat head, front rotary, ball bearings
 _____ '46 "OK B-29" .299 ign. - flat head
 _____ '46 "OK Super 60 Raceway & Marine" .604 ign. - has flywheel
 _____ '46 "OK Twin" 1.208 ign. - natural die-cast case, exhaust stacks
 _____ '47 "OK CO₂" .0178 compressed carbon dioxide motor
 _____ '47 "OK Super 29" .299 ign. - finned alum. head, uncolored
 _____ '47 "Mohawk Chief" .299 ign. - same as "B-29" except for name
 _____ '48 "OK Bantam" .199 ign. - same as Bantam 19 but aluminum case
 _____ '48 "OK Super 29" .299 ign. - gold anodized head
 _____ '48 "OK Hothead" .299 glow - same as "B-29" but no points
 _____ '49 "OK Cub .049" .049 glow - serial no. on bottom of case
 _____ '49 "OK Cub .074" .075 glow - serial no. on bottom of case
 _____ '50 "OK Cub .099" .100 glow
 _____ '50 "OK Super 60" .604 ign. - black cyl., gold anodized finned head
 _____ '50 "OK Super 60 Marine" .604 ign. - flat head, flywheel
 _____ '50 "Mohawk Chief Glow" .299 - blue tank & timer cam cover
 _____ '51 "OK Cub .039" .040 glow
 _____ '52 "OK Cub .14" .150 glow
 _____ '52 "OK Cub .049X" .050 glow - 2-bolt mounting
 _____ '53 "OK Cub .049B" .050 glow - has die-cast fuel tank-mount
 _____ '53 "OK Cub .075 diesel" .075
 _____ '54 "OK Cub .049 diesel" .050
 _____ '54 "OK Cub .19" .199 glow
 _____ '55 "OK Cub .049A" .050 glow - plastic tank, 2-bolt mounting
 _____ '55 "OK Cub .29" .299 glow
 _____ '55 "OK Cub .35" .349 glow
 _____ '57 "OK Cub .049S" .050 glow - pull starter
 _____ '57 "OK Cub .049MS" .050 glow - marine, flywheel, pull starter
 _____ '58 "OK Cub .074S" .075 glow - pull starter

HERKIMER TOOL & MODEL WORKS (continued)

_____ '58 "OK Cub .099S" .100 glow - pull starter
 _____ '58 "OK Cub .074MS" .075 glow - marine, flywheel, pull starter
 _____ '58 "OK Cub .099MS" .100 glow - marine, flywheel, pull starter
 _____ '58 "OK Cub .049A" .050 glow - plastic tank, 2-bolt mounting
 _____ '60 "OK Cub .024" .024 glow - twin exhaust stacks
 _____ '60 "OK Cub .049A" .050 glow - streamlined case
 _____ '60 "OK Cub .049B" .050 glow - streamlined case, spinner
 _____ '60 "OK Cub .049S" .050 glow - streamlined case, recoil starter
 _____ '60 "OK Cub .049MS" .050 glow - marine, str. case, recoil starter

HETHERINGTON

_____ '36 .520 ignition
 _____ '50 "Meteor" .232 ign. - mounts on front of case, poppet venturi

HI-SPEED (Actually manufactured by Atwood)

_____ '38 .275 ign. - Bullet predecessor, round backplate, blue case
 _____ '39 "Torpedo" .298 ign. - metal tank with screw-on rear filler
 _____ '39 "Bullet" .275 ign. - black crackle paint, square backplate

HOLLAND ENGINEERING

_____ '53 "Wasp" .049 glow - "H" stamped on case
 _____ '57 "Hornet" .049 glow - no restrictor in venturi
 _____ '58 "Hornet" .049 glow - nylon venturi restrictor
 _____ '58 "Hornet" .051 glow - "051" on case, nylon venturi restrictor

HOOF PRODUCTS

_____ '46 "Fleetwind" .603 ign. - twin exhaust stacks

HOOSIER

_____ '30 "Whirlwind" .124 3-cylinder compressed air motor

HORNET MOTORS

_____ '46 "60A" .607 ignition - airplane-type with prop driver
 _____ '46 "60B" .607 ignition - marine type with flywheel
 _____ '46 "60RC" .607 ign. - flywheel, dowel pin holes in lugs
 _____ '50 "19" .199 glow
 _____ '50 "R" .607 ign. - big bypass, die-cast venturi, big shaft
 _____ '51 "V" .607 ign. - irregularly cast exhaust, "V" in serial no.

HUMMER

_____ (No data available)

HUMMING BIRD

_____ '46 .604 ignition

HUNGERFORD

_____ '38 "Willard" .192 ignition - like Madewell Mite, rear rotary

HURLEMAN

_____ '39 "Aristocrat" .488 ignition

HUSKY (All models are spark ignition)

_____ '37 "Jr." .192 - sand-cast cylinder
 _____ '38 "J-V" .173 - cylinder built up from brazed steel sheet
 _____ '39 "New J-V" .199 - cadmium plated cylinder
 _____ '46 "J-V" .199 - like '39 model except has flared venturi

INTERNATIONAL MODELS

- _____ '35 "Imp Tornado" V-4 compressed air motor
- _____ '36 "S-4" inline twin compressed air motor
- _____ '38 "Water Nymph" .413 ignition - water cooled
- _____ '38 "Intermote" .413 ign. - same as Water Nymph but aircooled
- _____ '38 "G-9" .562 ignition - twin exhaust stacks

JAMES (Made by Rice of Ohlsson & Rice)

- _____ '38 .647 ign. - looks like simplified "Gold Seal", lug mounts
- _____ '39 .601 ign. - exhaust stack brazed to cylinder

JIM BROWN

- _____ '40 .489 ign. - predecessor of Vivell 49, large semi-closed timer

JUDCO

- _____ '47 "Ram" .292 ign. - Rogers-type engine
- _____ '48 "B" .292 ign. - same as Buzz "B", sold in kit form

JUNIOR MOTORS (All models are spark ignition)

- _____ '34 "Junior Motor" .601 - sold mounted on wooden bearers with tank
- _____ '37 "Model B" .601 - lapped piston, serial no. on top of lug
- _____ '38 "Model C" .601 - rings, n.v. at very end of venturi is bent wire
- _____ '38 "Model D" .601 - rings, normal needle valve
- _____ '38 "Model M" .601 - rings, needle valve, flywheel. "Marine" model
- _____ '39 "Model B" .601 - lapped, tank on venturi, upright points
- _____ '39 "Model C" .601 - same as '38 "C" but cylinder painted black
- _____ '39 "Model D" .601 - rings, tank on venturi, upright points
- _____ '40 "Model C" .601 - same as '39 "C" but tank on venturi, up. timer
- _____ '40 "Brownie" .291
- _____ '46 "B" .601 - same as '39 "B", serial no. on side of lug, cad. plate
- _____ '46 "D" .601 - same as '46 "B" but lapped piston

K & B ALLYN COMPANY

- _____ '55 "Mar Fury" .060 glow - marine inboard with flywheel
- _____ '55 "Sea Fury" .060 glow - inboard built similar to outboard
- _____ '55 "Sea Fury" .060 glow - outboard
- _____ '56 "Torpedo .29R" .297 glow - natural head, case like K & B .35
- _____ '56 "Torpedo .099" .099 glow - green enameled head
- _____ '56 "Sky Fury Deluxe" .048 glow - glow element built in head
- _____ '57 "Sky Fury .074" .074 glow - thin-walled sleeve
- _____ '58 "Torpedo .29S" .297 glow - green head, same case as ".29R"
- _____ '58 "Torpedo .35RC" .353 glow - green head, barrel throttle
- _____ '58 "Torpedo .19RC" .199 glow - green head, barrel throttle
- _____ '59 "Torpedo .45RC" .446 glow - barrel throttle & exhaust cover
- _____ '59 "Torpedo .45" .446 glow
- _____ '59 "Torpedo .35C" .353 glow - green head, pressure bleed

K & B MANUFACTURING COMPANY

- _____ '46 "Torpedo B" .299 ign. - aluminum castings, black cylinder
- _____ '47 "Torpedo 24" .249 ign. - like "Torpedo B" but cyl. natural
- _____ '48 "Torpedo 32" .320 ign. - like "Torp B", "32" stamped on case
- _____ '48 "Glo-Torp 29" .299 glow - no timer or cam on shaft
- _____ '48 "Glo-Torp 24" .249 glow - natural cyl., "249" on side of lug
- _____ '48 "Glo-Torp 32" .320 glow - like "Glo-Torp 29", "32" on case
- _____ '49 "Infant Torpedo" .020 glow - 6 fins on head, plug inside
- _____ '50 "Torp Jr." .035 glow - 5 fins on head, otherwise like .020
- _____ '50 "Torpedo .049" .049 glow - uses standard glow plug
- _____ '51 "Torpedo .19" .199 glow - unpainted head, 5 fins on cyl.
- _____ '51 "Torpedo .29" .297 glow - unpainted head

K & B MANUFACTURING COMPANY (continued)

_____ '51 "Torpedo 32" .320 glow - unpainted head, "32" cast on case
 _____ '52 "Torpedo 19 2-Speed" .199 glow - unpainted head, 2 needle v's.
 _____ '53 "Torpedo 23" .225 glow - green head, "23" cast on case
 _____ '53 "Torpedo 15" .147 glow - green head
 _____ '54 "Torpedo 19" .199 glow - green head
 _____ '54 "Torpedo 19 2-Speed" .199 glow - green head, twin needles
 _____ '54 "Torpedo 35" .353 glow - green head, 4-bolt backplate
 _____ '54 "Torpedo 15 2-Speed" .147 glow - green head, twin needles
 _____ '60 "Tornado" .049 glow - reed valve, plastic tank
 _____ '60 "Torpedo 201" .201 glow - plain head, "201" on case

KAYDET

_____ '39 .163 ignition

KEENER

_____ '37 "Brat" .138 ignition - hex head
 _____ '38 "Brat" .152 ignition - round head

KENCRAFT

_____ '45 "Ken" .604 ignition
 _____ '47 "Ken Diesel" (further data unavailable)

KNIGHT

_____ '31 "Single" .416 ignition
 _____ '31 "Twin" .832 ignition

LASKIN

_____ '47 "Circle 30" .297 ign. - twin exhausts, "spring-connect" timer

LEE

_____ '52 "Sidewinder I" .299 glow - cyl. parallel to shaft, side ex.
 _____ '54 "Sidewinder II" .299 glow - as above but exhaust on bottom
 _____ '59 "45" .451 glow

LITTLE DYNAMITE

_____ '39 .374 ignition

LOUTREL

_____ '33 .452 ignition - predecessor of G.H.Q., all sand cast

L. M. COX COMPANY

_____ '48 "Thimble-drome 15" .147 glow - car motor, made by Cameron
 _____ '49 "Lightning Bug" .199 glow - car engine, rings, m. b. Cameron
 _____ '49 "Doodle Bug" .098 glow - car engine, lapped, m. b. Cameron
 _____ '50 "O-Forty-Five" .045 glow - complete car power unit w. wheels
 _____ '52 "Space Bug" .050 glow - huge die-cast fuel tank part of motor
 _____ '53 "Thermal Hopper" .050 glow - die-cast case, no fuel tank
 _____ '53 "Space Bug Jr." .050 glow - uncolored nylon fuel tank
 _____ '54 "Space Bug Jr." .050 glow - red plastic fuel tank
 _____ '55 "Strato-Bug" .050 glow - 2-piece fuel tank
 _____ '56 "Babe Bee" .050 glow - metal fuel tank, all natural aluminum
 _____ '56 "RR-1" .050 glow - rear rotary, blue and gold anodized parts
 _____ '57 "Pee Wee" .020 glow
 _____ '58 "Golden Bee" .050 glow - case & tank gold anodized
 _____ '59 "Sportsman" .149 glow - natural metal finish, plain bearing
 _____ '59 "Olympic" .149 glow - red venturi, blue prop driver, ball brngs.
 _____ '59 "Space Hopper" .050 glow - beam mounts
 _____ '59 "Super Bee" .050 glow - looks like Babe Bee, used in Cox P-40

LUCAS AND SMITH

- _____ '46 "Contestor D-60" (or "D-60-S") .596 ign. - sideport
- _____ '46 "Contestor D-60-R" .596 ign. - downdraft rear rotary

M & M

- _____ '38 .233 ignition
- _____ '39 "Piston-Valve Motor" .292 ign.
- _____ '40 "Inline Twin" .556 ign.

MACVAL MANUFACTURING CO.

- _____ '46 "Viking Twin" .647 ign. - red enamel case, red anodized timer

MADEWELL

- _____ '38 "Mite" .140 ign. - cast bypass & exhaust screwed to cylinder
- _____ '39 "Wasp" .140 ign. - finned head, streamlined exhaust, 5/16" plug
- _____ '40 "Mite" .147 ign. - finned head, oval exhaust, 1/4" plug
- _____ '41 "Mite" .147 ign. - flat head, no lugs on front cover
- _____ '47 "49" .488 ign. - resembles Vivell 35, uses same timer

MAGEE

- _____ (No data available)

MARVIN

- _____ '40 .139 ignition
- _____ '46 "Jr. A" .139 ignition

MAY MOTORS

- _____ '40 "Silver King" .454 ign. - 1st "Rocket", venturi inside tank
- _____ '41 "Rocket" .454 ign. - plastic tank on top of venturi tube
- _____ '45 "Rocket, Victory Model" .454 ign. - plastic tank under venturi

McCORD PRECISION PRODUCTS

- _____ '58 "Spitfire 65" .647 ign. - rings, head machined & anodized blue
- _____ '58 "Spitfire 65 Glow" .647 - as above but no timer
- _____ '58 "Spitfire 65" .647 ign. - as above but lapped piston; timer
- _____ '58 "Spitfire 65 Glow" .647 - as above but without timer

MEGOW

- _____ '40 "19" .192 ignition

MEL ANDERSON MANUFACTURING COMPANY

- _____ '48 "Anderson Spitfire" .604 ign. - die cast head, uncolored
- _____ '49 "Anderson Spitfire" .645 ign. - as above but longer stroke
- _____ '49 "Baby Spitfire" .045 glow - brass head, name on fuel tank
- _____ '49 "Baby Spitfire" .045 glow - alum. head & bypass anodized orange
- _____ '49 "Baby Spitfire" .045 glow - no colored parts, no name on tank
- _____ '50 "Spitzy" .045 glow - short fuel tank, aluminum head
- _____ '51 "Spitzy Sr." .045 glow - long fuel tank, brass head
- _____ '51 "Spitzy" .045 glow - long tank, plain aluminum head
- _____ '51 "Royal Spitfire" .064 glow
- _____ '52 "Royal Baby Spitfire" .050 glow - side exhaust, plain head
- _____ '53 "Royal Baby Spitfire" .050 glow - as above but blue head

MELCRAFT

- _____ '45 "Bluestreak 29" .287 ign. - blued cylinder, venturi straight fwd.
- _____ '46 "29" .287 ign. - as above but cyl. black

MERCURY

- _____ '37 "Ace" carbide & dry ice motor
- _____ '39 "Gnat" .156 ignition

MERLIN (Canadian)

- _____ '44 "Super B" .232 ign. - cylinder casting & case separate
- _____ '46 "Super B" .232 ign. - one-piece cylinder & case casting

MICRO-BILT, INCORPORATED

- _____ '46 "Arden .099PB" .099 ign. - plain bearing, throttle intake
- _____ '46 "Arden .099BB" .099 ign. - ball bearing, throttle intake
- _____ '46 "Arden .199BB" .198 ign. - ball bearing, throttle intake
- _____ '47 "Arden .099PB" .099 ign. - plain bearing, needle valve
- _____ '47 "Arden .099BB" .099 ign. - ball bearing, needle valve
- _____ '47 "Arden .199" .198 ign. - ball bearing, needle valve
- _____ '49 "Arden .099PB Glow" .099 - plain bearing, cap on shaft housing
- _____ '49 "Arden .099BB Glow" .099 - ball bearing, cap on shaft housing
- _____ '49 "Arden .199 Glow" .198 - as above

MICRO-DIESEL COMPANY

- _____ '47 "Diesel" .132

MICRODYNE ENGINES

- _____ '39 "Mighty Atom" .097 ign. - exhaust ports are round holes
- _____ '40 "Super Atom" .097 ign. - straight cyl. profile, 360° ports
- _____ '41 "Super Atom" .098 ign. - tapered cyl. profile, fins on head

MICRO-MODEL COMPANY

- _____ '46 "Wasp Twin" .604 ign. - offset cyls. - black crackle paint
- _____ '47 "Super Wasp Twin" .645 ign. - no paint, cyls. straight across

MINIATURE (New York)

- _____ '30 3-cylinder compressed air motor - radial type
- _____ '30 6-cyl. compressed air motor - radial type
- _____ '30 8-cyl. compressed air motor - type not known
- _____ '40 "Gas Motor" .104 ign. - all sand cast
- _____ '41 "Whirlwind Jr." .123 ignition
- _____ '41 "Whirlwind Sr." .330 ignition

MINIATURE MOTORS, INC. (California)

- _____ '46 "Bullet" .276 ign. - magnesium castings, unpainted
- _____ '47 "Torpedo Special" .298 ign. - twin stacks, K & B-type timer
- _____ '47 "Bullet" .276 ign. - mag. castings, black crackle paint
- _____ '47 "Bullet Model 100" .276 ign. - alum. castings, no paint
- _____ '47 "Torpedo Special" .298 ign. - Ohlsson-type timer
- _____ '49 "Bullet" .276 glow - same as Model 100 but no points or cam
- _____ '49 "Torpedo Special" .298 glow - no timer or cam on shaft

MITE MANUFACTURING COMPANY

- _____ '47 "Mite Diesel" .098 - fixed compression
- _____ '48 "Glo-Mite" .098 - same as above but with glowplug in head

MODEL AVIATOR

- _____ '31 3-cylinder radial compressed air motor

MODERN MODELS, INC.

- _____ '47 "Scout Twin" .607 ign. - much like "Wasp Twin", no paint

MOLNAR

- _____ '41 .992 ignition
- _____ '41 .786 ignition

MONARCH

_____ (No data available)

MORTON AIRCRAFT CORPORATION

_____ '36 .421 ignition
 _____ '37 "Challenger" .413 ign. - same as International "Intermote"
 _____ '38 "Water-Cooled" .413 ign. - same as International "Water Nymph"
 _____ '45 "M-5" .922 ign. - 5-cyl. 4-cycle radial, no fillets on rockers

OHLSSON & RICE

_____ '37 "Radial Mounted Motor" .562 ign. - aluminum fins
 _____ '37 "Miniature" .562 ign. - steel fins, exposed timer
 _____ '38 "Gold Seal" .562 ign. - name on bypass, enclosed timer
 _____ '38 "23" .232 ign. - unpainted cylinder fins
 _____ '39 "23" .232 ign. - black enameled cylinder
 _____ '40 "19" .197 ign. - black cyl., fin profile straighter than "23"
 _____ '40 "Custom" .617 ign. - tank top & venturi cast in 1 piece
 _____ '41 "60 Special" .603 ign. - straight venturi, 3/8" plug
 _____ '46 "19" .197 ign. - no beam mounting lugs
 _____ '46 "23" .232 ign. - no beam mounting lugs
 _____ '46 "60" .603 ign. - black head fins, small exhaust, 1/4" plug
 _____ '47 "60 Special" .603 ign. - black head fins, big exhaust, 1/4" plug
 _____ '47 "60 Special" .603 ign. - no beam mounting lugs
 _____ '48 "23" .232 ign. - front rotary valve
 _____ '48 "23" .232 glow - front rotary valve, cap over timer cam
 _____ '48 "19" .197 ign. - front rotary valve
 _____ '48 "19" .197 glow - front rotary valve, cap over timer cam
 _____ '48 "60 Special" .603 ign. - silver head, big exhaust, 1/4" plug
 _____ '49 "29" .299 ign. - front rotary, "Adjusto-Matic" Timer
 _____ '49 "29" .299 glow - as above, timer cam capped
 _____ '49 "23 Deluxe" .232 ign. - roller bearing shaft, Adjusto-Matic T.
 _____ '49 "23 Deluxe" .232 glow - as above, timer cam capped
 _____ '49 "19 Deluxe" .197 ign. - like "23 Deluxe" ign., "19" on case
 _____ '49 "19 Deluxe" .197 glow - like "23 Deluxe" glow, "19" on case
 _____ '50 "23 Sideport" .232 ign. - silver head
 _____ '50 "23 Sideport" .232 glow - silver head, timer cam capped
 _____ '50 "19 Sideport" .197 ign. - silver head
 _____ '50 "19 Sideport" .197 glow - silver head, timer cam capped
 _____ '50 "23 Deluxe" .232 ign. - rotary valve with large diecast tank
 _____ '50 "23 Deluxe" .232 glow - as above, timer cam capped
 _____ '50 "Midget Car Engine" .299 glow - flywheel one end, shaft other
 _____ '50 "33" .331 ign. - red head, front rotary, Adjusto-Matic timer
 _____ '50 "33" .331 glow - as above but timer cam capped
 _____ '50 "29 Marine" .299 glow - flywheel at front, shaft at rear
 _____ '51 "231d" .232 glow - streamlined metal tank attaches to rear
 _____ '51 "291" .299 glow - like "231d"
 _____ '51 "331" .331 glow - like "231d"
 _____ '51 "601" .603 glow - front rotary, no boss on case for sideport

ORR

_____ '46 "65" .647 ign. - horizontal needle valve, 3/8" plug
 _____ '48 "Tornado 65" .647 ign. - vertical n. v., 3/8" plug
 _____ '48 "Tornado" .647 ign. - vertical n.v., 1/4" plug

ORWICK

_____ '46 "64" .647 ign. - dull green crackle painted case
 _____ '47 "23" .237 ign. - dull green crackle painted case
 _____ '47 "74" .741 ign. - as above
 _____ '47 "32" .317 ign. - as above

ORWICK (continued)

- _____ '53 "29" .299 glow - kelly green painted case
- _____ '53 "32" .323 glow - as above

PACEMAKER

- _____ '46 .594 ign. - sand-cast, smooth exterior case
- _____ '47 .594 ign. - die-cast, case has fins on bypass & front bearing

PACIFIC AIRMOTIVE CORPORATION

- _____ '46 "Dennymite Airstream" .573 ign. - bronze conrod, flared exhaust
- _____ '46 "Meteor" .604 ign. - round cyl. sandcast & cooper plated

PAGLIUSO

- _____ '59 "Pagco Car Engine" .096 glow
- _____ '59 "XF-D9" .096 glow - similar to Athearn "Pogo"

PAL ENGINEERING CO.

- _____ '50 "55" .552 ign. - inline alternate-firing twin
- _____ '51 "55" .552 glow - as above
- _____ '53 "110" 1.104 glow - 4-cylinder, 2-cycle
- _____ '53 "55 Marine" .552 glow - inline twin, water-cooled
- _____ '54 "Pal 4 Marine" 1.104 glow - 4-cylinder, water-cooled

PERKY

- _____ '40 .191 ign. - vertical spark plug
- _____ '41 "Supercharger A" .191 ign. - backswep spark plug
- _____ '41 "Supercharger B" .232 ign. - like "A" but bigger bore
- _____ '41 "Supercharger C" .610 ign. - scaled-up version of "A"
- _____ '46 "Perky A" .191 ign. - timer & throttle arms have ball ends

PHANTOM MOTORS

- _____ '41 "P-30" .295 ign. - single detachable ex. stack, flat piston
- _____ '46 "P-30" .295 ign. - twin die-cast bolt-on stacks
- _____ '47 "P-30" .295 ign. - twin tubular stacks permanently brazed on

PIERCE INDUSTRIES

- _____ '46 .297 ign. - rear rotary, unpainted fins
- _____ '47 "Model J" .297 ign. - sideport, made from same case casting
- _____ '47 "Model J Super" .297 ign. - rotary valve, black fins
- _____ '48 "Glo-Champ" .297 glow - rear rotary

PRECISION

- _____ '37 "812" .387 ign.
- _____ '37 "820" .387 ign. - green enameled case

PRICE

- _____ '40 "Midget" .243 ign. - sand cast, streamlined head fins

PRODUCTION & TOOL CO., LTD. (Canadian)

- _____ '45 "Hurricane" .242 ign. - round cylinder fins
- _____ '46 "Super Hurricane" .244 ign. - streamlined cylinder fins

POWER MODEL ENGINES

- _____ '36 .462 ignition
- _____ '36 .687 ignition
- _____ '38 "Inline Twin" .901 ignition

RAM

- _____ '48 .292 ign. - Rogers-type motor

RANGER

_____ '39 "A" .208 ignition
 _____ '39 "B" .292 ignition
 _____ '39 "C" .313 ignition

R. B. STEELE

_____ '46 "R-B Special" .299 ign. - similar to Cannon
 _____ '47 "R-B-C" .362 ignition
 _____ '50 "R-B Special" .299 glow

REBEL

_____ '39 .233 ignition

ROGERS

_____ '41 "KD-29" .292 ign. - sideport, sold in kit form
 _____ '41 "29" .292 ign. - front rotary, tank on fake sideport intake
 _____ '41 "35" .352 ign. - as above, but "35" stamped on case
 _____ '42 "RMC-2" .292 ign. - sideport, "RMC-2" stamped on case
 _____ '46 "29" .292 ign. - front rotary, stub rear air intake
 _____ '47 "Ram" .292 ign. - long rear venturi, make & break timer
 _____ '47 "29" .292 ign. - front rotary, make & break timer
 _____ '47 "35" .352 ign. - as above but "35" stamped on case

SCHUMACHER

_____ '40 "19" .193 ign. - sand cast, long knurled timer knob

SCIENTIFIC MODEL AIRPLANE CO.

_____ '31 3-cylinder compressed air motor - radial type

SCOTT MOTORS

_____ '46 "Thunderbird 'C'" .604 ign. - twin stacks
 _____ '47 "Thunderbird" .647 ign. - thin-walled sleeve

SOUTHERN MODEL ENGINEERS

_____ '38 "Alternate Firing Twin" .326 ign. - all sand cast

SPEED DEMON

_____ '47 "Diesel" .296 - no castings, all machined from bar

STENMOOR

_____ '42 "Bobcat" .420 ignition

SUPERCHARGER

_____ '46 "C" .604 ign. - twin exhausts, rear drum rotary

SUPERCRAFT

_____ '40 "Sky Chief" .526 ign. - exhaust port is single hole
 _____ '41 "Sky Chief" .526 ign. - exhaust port is double hole
 _____ '41 "Sky Chief Jr." .198 ign.

SUPER MOTORS, INC.

_____ '46 "DeLong 30" .299 ign. - sand cast parts, hand-stamped name
 _____ '46 "DeLong 30" .299 ign. - die-cast parts
 _____ '47 "DeLong .45" .454 ign.
 _____ '47 "DeLong Diesel" .295 - variable comp., die-cast, front rotary
 _____ '49 "Gloplug Special" .299 - dummy timer housing, roller brng. c'pi:

SYNCRO DEVICES

_____ '37 "Ace" .562 ign. - large die-cast streamlined tank at rear
 _____ '38 "Bee" .122 ign.

SYNCHRO DEVICES (continued)

- _____ '38 "Ace Special" .562 ign. - small metal tank hung on venturi
- _____ '40 "B-30" .292 ign. - 1st of Rogers-type motors, big boss at exh.
- _____ '40 "PC-2" .292 ign. - true prototype of Rogers, sideport

THOR

- _____ '46 .292 ign. - sheet metal timer, teardrop cylinder

TLUSH

- _____ '37 "Super Ace" .601 ign. - sideport, all cast; tall, thin head fir

TROJAN

- _____ '37 "Jr." .192 ign. - brazed cyl. painted dark blue, roller brngs.
- _____ '39 "Sr." .232 ign. - as above, tubular exhaust stack at rear
- _____ '40 "Zephyr" .250 ign. - as above, larger all over

VECO PRODUCTS

- _____ '51 "29" .297 glow - steel fins, actually wholly built by K & B
- _____ '51 "31" .319 glow - as above, "31" on case
- _____ '53 "29 T.C.C." .298 glow - aluminum fins, built by Veco
- _____ '53 "31 T.C.C." .319 glow - as above, "31" on case
- _____ '54 "35 T.C.C." .348 glow - as above, "35" on case
- _____ '56 "19" .199 glow - more massive case, 1st of "Series 100" type
- _____ '57 "29 Series 100" .299 glow - same style case as "19"
- _____ '57 "35 Series 100" .348 glow - as above, "35" on case
- _____ '58 "35RC" .348 glow - barrel throttle
- _____ '58 "19RC" .199 glow - barrel throttle
- _____ '59 "35C" .348 glow - crankcase pressure bleed
- _____ '59 "29RC" .299 glow - barrel throttle
- _____ '59 "29R" .299 glow - big shaft, long venturi insert

VIVELL MOTORS

- _____ '44 "Class C" .347 ign. - cad. plated cyl., long timer arm
- _____ '45 "35" .347 ign. - black cyl., small exhaust stack
- _____ '46 "35" .347 ign. - black cyl., larger exhaust, tank on backplate
- _____ '46 "Super 35" .347 ign. - large bypass & exh., stamped "Super 35"
- _____ '46 "Twin 60" .569 ign. - deep-finned cyl's. with flat heads
- _____ '46 "Forty-Niner" .489 ign. - flat-topped 1-pc. cyl. & head
- _____ '48 "Diesel" .098 - fixed compression, rear rotary
- _____ '48 "Diesel" .098 - as above but variable compression

WARREN

- _____ '38 "Tom Thumb" .451 ign. - same as '37 Bunch "M.M." but for name
- _____ '47 "Tom Thumb" .451 ign. - same as "Tiger Aero" but for name

WEISS

- _____ '11 1.004 - all sand cast, was 1st known advertised model motor

WEN-MAC (All engines designed & originally made by Atwood)

- _____ '52 "Mark I" .050 glow - same as 1st Atwood #A, some had red heads
- _____ '55 "Mark II" .050 glow - rewind-type pull starter
- _____ '59 "Mark III" .050 glow - back-winding "recoil" starter
- _____ '59 "Hustler" .050 glow - as above but no starter

WENSEN

- _____ '46 .362 ign. - postwar improved copy of Baby Cyclone
- _____ '47 .362 ign. - as above but all castings revised, timer improved

WERNER

_____ '60 .245 5-cylinder radial, 2-cycle glow, constant-vacuum case

WILLIAM BROWN III

_____ '41 "Pioneer Brown" .292 ign. - same as early Rogers, name on head

WOODRIDGE MANUFACTURING COMPANY

_____ '44 "Scrapper" .290 ign. - timer at front, unfinned head, no color

_____ '45 "Super Scrapper" .290 ign. - rear timer, head fins, black cyl.

WORLD-WIDE

_____ '39 "Demon" .154 ignition - like miniature "Bunch", sand cast

NOTES REGARDING THE COMPILATION OF THIS INDEX:

(1) All engines which were made by more than one manufacturer but retained their original names and were not changed by the later manufacturers have been listed only under the original manufacturers. Examples: Ohlsson & Rice bought the remaining stock of "Dennymite" engines from Pacific Airmotive Corporation when the latter firm discontinued their model engine division. These engines were assembled and sold by Ohlsson & Rice under the "Dennymite" name and no revisions were made. Therefore, the "Dennymite" is not listed in the Ohlsson & Rice section. Also, the postwar "Rocket" engines changed hands several times before they disappeared from the market; but only one of these firms made any change to the original engine: Corporate Products Co. made two radical changes to the "Rockets" they sold - they used an enclosed timer similar in external appearance to the Vivell or Madewell "49" timer, and they also replaced the die-cast venturi-tank top-needle valve housing with a short octagonal venturi tube which used a separate fuel tank (included with the engine). So, only two manufacturers have the "Rocket" engine included in their listings: May Motors (the originator) and the Corporate Products Co.

(2) All engines which were made by one company and sold by another - sometimes simultaneously with the original manufacturer - are listed under both firms - if the secondary seller either identified the motor differently (i.e. the Morton "Challenger" and the International "Intermote" are the same engine) or professed to be the actual maker (i.e. the first Veco engines were made entirely by K & B) unless the originator never sold the engine under his own name, as in the Veco-K & B example just quoted. Another instance: all early Brown motors were actually made by Walter Hurleman.

(3) When an engine is listed without any "recognition" characteristics following the basic data, it can indicate one of two things: (A) no salient feature presented itself suitable for "one-line" description; or (B) the compiler has never seen a physical example of the motor. In some cases we have used photographs for recognition data but have tried to minimize this practice, since photographs - particularly those used in advertising - are frequently heavily retouched; also, some advertising photos are of original prototypes which differ from the production engines.

(4) In the event that any significant errors or omissions in this Index are brought to our attention, or if data is obtained on motors we now lack information on, we will issue revisions to the Index.