



Complete Liquidation of
AERO-ENGINES, INC.
3030 N. Coolidge Ave
Los Angeles, CA 90039

Friday, Saturday & Sunday Starting at
9:00 a.m. Local Time All Three Days!

October 3rd, 4th, & 5th, 2014

ABSOLUTE AUCTION!!

Major P&W R-985 & P&W R-1340 Overhaul Facility Auction!!

**Sale Site Phone: (323) 663-3961, Steve Starman
(402) 681-6456 or Scott Moore (402)681-3652**

Airline Connections: The closest Commercial Airports are Burbank Bob Hope Airport or LAX Int'l Airport. LAX could be a 50 minute drive.

=FORD STAKE BED TRUCK=

2003 Ford F-350 Stake Bed Truck 14' Stake Bed with 2000lb Warn Hoist, V-10 Gas Engine, Automatic Transmission with Overdrive, Air Conditioning, AM/FM Radio, Dual Rear Wheels, 70,000 Miles

=MILLING MACHINES & LATHES=

Bridgeport Mdl J Vertical Milling Machine, 9" x 42" 3-Slot Table, Cross Travel 9", Vertical Travel 16", Longitudinal Travel 30", Has Power Feed Table, 1-HP Motor, Spindle Speed 80-2,720 RPM, S/N J-58147
Bridgeport Mdl J Vertical Milling Machine, 9" x 42" 3-Slot Table, 3/4-HP Motor, 80-2,720 Spindle Speed, 9" Cross Travel, 16" Vertical Travel, 30" Longitudinal, S/N J4668
Golden Horse Vertical Milling Machine Mdl PC-1-1/2VS, S/N 123, 9' x 42" 3-Slot Table w/Mitutoyo XY Digital Readout, 2-HP Motor, Spindle Speed 80-5,440 RPM, 7" Riser Block, Power Feed Table, 30" Longitudinal Travelers, 12" Cross, 16" Vertical
Ramco Vertical Milling Machine 9"x42" 3 Slot Table, 2HP Motor, 80-2720 RPM Spindle Speed, 6" & 10" Riser Blocks
Vertical Milling Machine has Lagun FT.1 Base & Table w/Bridgeport Head 9" x 42" 3-Slot Table, 1-1/2-HP Motor, Spindle Speed 60-4,200 RPM
Cadillac Mdl 1749 Precision High Speed Lathe, Swing Over Bed 17-1/8", Distance Between Centers 49", Spindle Speed 32-1,800 RPM, 3 & 4 Jaw Chucks, Steady Rest, Tapper Attachment, Tru Run Collet Attachment S/N 866145
LeBlond Regal Quick Change Gear Lathe, 17" Swing, 60" Between Centers, 3&4 Jaw Chucks, Steady Rest, 1-1/2" Hollow Spindle
Logan Mdl #940 Quick Change Gear Lathe, 10" Swing, 24" Between Center, 1-1/4" Hollow Spindle
Logan Mdl 955 Quick Change Gear Lathe, 11" Swing, 24" Between Centers, 1-1/4" Hollow Spindle
Logan Mdl 820 Quick Change Gear Lathe, 27" Between Centers, 30" Bed, 10" Swing, 3 Jaw Chuck
Schumacher & Boye 24" Heavy Duty Engine Lathe, 32" Swing Over Bed, Approx 93" Between Centers, Belt Driven, 5 Spindle Speeds, Various Attachments
Southbend 10" Quick Change Gear & Lathe, 48" Bed, 10" Swing, 3 Jaw Chuck
Large Selection of Large & Small Milling Vises
Milling Trees
Several Collet Sets

=GRINDING MACHINES & HONES=

Norton 6 x 18" Type C Cylindrical Grinder, Max Diameter to Grind w/20" Wheel 6-1/2", Max Swing Over Table 6-3/4", Max Distance Between Wheel Center & Work Center 13-1/2"
Heald No. 60 Cylinder Grinding Machine
Arter Mdl A-18 Rotary Surface Grinder 8-1/2" Magnetic Chuck S/N 2351
Delta-Milwaukee Toolmaker Surface Grinder w/Brown & Sharp 10-1/2" Magnetic Chuck
Barnesdril 4014 Hydraulic Honing Machine for Honing P&W R-1340 Cylinders
Universal Radial Engine Cylinder Honing Machine with Coolant Recovery Pump for 985, 1340 & Continental Cylinders
(2) Hydro-Borer Mdl A-3 Bearing Borer Machines for doing Connecting Rod Bushings

HOTELS:

Holiday Inn Burbank Media Center
150 East Angeleno Ave.
Burbank, CA 91502
(818) 841-4770

There are several other Hotels within 8 miles of the sale site address. Check HOTELS.COM

Van Norman No. 85 Piston Grinder
Van Norman No. 76 Piston Turning & Grinding Machine
Wadell Mdl CBG-2021 Guide Reamer Drill
Delta Hyd Guide Reamer Drill
KO Lee Mdl B600 Universal Tool & Cutter Grinder
Baldor 1/2-HP Pedestal Tool Grinder
(3) Dumorc Tool Post Grinders Mdl's Include 8473-210, 8584-210

=BEADBLAST CABINETS, OVENS & PARTS CLEANERS=

ICM Mdl C-10650 Pressurized Walk-In Bead Blast Cabinet 8' 8" Wide x 12' Long x 8' High Double Doors on End, (1) Walk-In Door on the Side with ICM Mdl 3047 Abrasive Supply Pot 600lb Cap. Interior Lights & Filters & Reclaimer
UFM Uni-Hone Bead Blast Cabinet 36" Wide x 36" Deep x 30" Tall
E.J. Ovens Mdl 653 & Double Door Oven, 500° F Max Temp Inside Measurements 30"D X 72"W X 62"T with Recirculating Blower & Digital Readout
(2) Shop Built Cylinder Drying Ovens
Roto Jet Mdl 4 Hot Water Basket Type Parts Cleaner 48" x 43" Basket
(4) System One Mdl 257 Heated Recycling Parts Washer 115Volt, 102 Degree Fahrenheit Max Temp
Clean Master Mdl 90 Parts Washer
Snap-On Mdl C-10 Carburetor Cleaner Tank

=SHOP EQUIPMENT=

Lincoln Tig-355 Square Wave AC/DC Tig & Arc Welding Power Source with Magnum Water Cooler	Staley Cylinder Holding Stand
Miller Dialarc HF Constant Current AC/DC Arc Welding Power Source with Water Cooler	(2) 5 Place Cylinder Heat Stands
Metco Sulzer Type 14E Flame Spray Cylinder Metalizing Gun & Booth	(2) Cylinder Heat Stands
Magnaflux Type II Mdl ARQ-545, 6' Magnaflux Bench, Max Line 120 Amps, Max Output 4500 Amps, 220-V, 3 Phase	Champion Spark Plug Cleaner/Tester
Western Mdl 12060 6' Demagnetizer Bench 220-V, 60 Cycle, 1 Phase	Spark Plug Gapper
Magnaflux Zyglo Mdl ZA-28 Die Penetrant Inspection Line	Enco Mdl 505 Horizontal Band Saw
Black Light Booth	(3) Canedy- Otto 21" Drill Press
(2) Ingersoll – Rand Mdl 3000 Triple Stage Air Compressor with 3HP Motor, 250 Gal Horizontal Tank	(2) Walker-Turner Variable Speed Drill Press
Devilbiss Mdl 445 Dual Head, Dual Stage Compressor, 10HP Motor, 350 Gal Horizontal Tank	Enco Mdl 40050 Variable Speed Bench Top Drill Press
(2) F.A. Nugier Mdl H-40-7, 40-Ton H-Frame Presses, Air Over Hydraulic	Troyke Mdl BH-12 12" Rotary Table
Greenerd No. 3 1/2 Arbor Press	(3) 12" Disc Sanders, Powermatic & Baldor
Famco No. 3R Arbor Press	Enco 1" Belt Sander
Famco 31 Arbor Press	1" x 8" Belt & Disc Sander
(2) Sioux 1680 Wet Cylinder Working Benches	Dewalt 12" Chop Saw
(2) Sioux Right Angle Valve Seat Drivers	(2) 8" Pedestal Grinder
(3) Cylinder Tear Down, Build Up Stands	Various Pedestal Grinders/Buffers
	(2) Yale 1/2 Ton Overhead Electric Chain Hoist
	Coffing 1/4 Ton Overhead Electric Chain Hoist
	(2) Oxy/Acetylene Torch & Carts
	Sheffield Harness Tester
	12" x 24" Granite Surface Plate
	Double Station Solvent Spray Booth
	(2) Back Draft Paint Booth 4'x4'x4'
	Updraft Booth 5' Wide x 36" Deep x 4' Tall
	Large Selection of Bench vises
	(3) Remac Spring Testers
	Engine Dyno with Boeing Turbine Drive Engine

=TEST BENCHES & VARI DRIVES=

US Vari Drive Mdl CTBD-4 Generator Test Bench, Dual Head, 1100-5500 RPM Low Side, 2400-12000 RPM High Side with Voltage Regulator Test Panel, 300 Amp Load Bank, 15-HP Motor
Pesco Fuel Pump Test Bench
Air Associates Inc. Mdl TE-871 Fuel Pump Test Bench
Jack & Heintz Proney Brake
25HP Dual Head Vari Drive
Electrical Test Bench to Include Magneto Magnet Charger Panel, Coil Test Panel & 12V Motor Test Panel

=CRANKSHAFT BALANCER & CRANKSHAFT TOOLING=

Stewart – Warner Mdl 2000, S/N DO-1138 Crankshaft Balancing Machine, Rotor Weight Range 1 -500lbs, Rotor Length Range 4 1/2" – 55", Max Rotor Diameter Between Support Bearings 80" & Normal Balancing Speed 450 RPM
P&W Crankshaft Assembly/Disassembly Tools to Include Pullers, Enerpac Pumps, Etc.
P&W Crankshaft Lapping Tools

Crankshaft Run-Out Stand
R-985/R1340 Crankshaft Butt Face Grinding Fixture, Front & Rear
985 Crankshaft Tooling

=RADIAL ENGINE SPECIALTY & HAND TOOLS=

Sonoray 303 Ultrasonic Test Set	New Cylinder Base Nut Wrenches
S & S Mdl 185 High Intensity Illuminator	Engine Lifting Eyes
P&W 985 & 1340 Cylinder Working Tools to Include Guide Reamers, Spring Compressors, Seat Cutters, Drives, Good Selection	Valve Spring Compressor Wrenches
P&W 985 & 1340 Engine Disassembly Tools to Include Pullers, Drivers, Etc.	Turning Bars
Master Rod / Link Rod Tools	P&W Stud Drivers
Rod Alignment Fixture with Tooling	P&W Pushing Tools
Power Case Build Up Tools	Seat Cutters & Drivers
P&W Rear Case & Blower Reamers & Spot Facer Tools	Piston Gapping Tools
Crankshaft Holding Fixtures	Prop Wrenches
P&W Rear Case Tools	Crows Feet of Various Sizes
P&W Blower Case Tooling	Eastern E-50 Magneto Synch Boxes
P&W 985 Thrust Nut Wrenches	Splitter Blocks
Carburetor O/H Tools	Several V Blocks
P&W Geared Nose 1340 Thrust Nut Wrenches	Veneer Calipers
Generator O/H Tools	Height & Depth Gauges
Cylinder Bore Gauges	Go-No-Go Gauges
Fuel Pump Tools	(2) 6-Piece Micrometer Sets
Piston Ring Installers	Good Selection of Individual Micrometers
Magneto O/H Tools	Large Selection of Bushing Reamers
Various Starter Tooling to Include Armature Cutters, Growlers, Clutch Setting Tools, Etc.	Ball Hones
New Intake Nut Wrenches	Several 1/2" Sioux Drills
	Multiple Pneumatic Die Grinders, Drills, Etc.
	Various Data Plate Stencil Machines
	Heli Coil Kits & Tools
	Letter & Number Stamps

=OVERHAULED ENGINES=

(2) P&W R-1340 O/H Engines
(18) P&W R985-14B O/H Engines
(1) P&W R1340 O/H Pineapple Assy O/H with all New Parts
(2) P&W R1340-S3H1 O/H Pineapple Assy (Complete Less Cylinders)
(1) P&W R985-14B O/H Pineapple Assy (Complete less Cylinders)
(1) Continental W670-6A O/H Pineapple Assy (Complete Less Cylinders)

=ENGINE CORES & DISASSEMBLED ENGINES=

P&W R1340-AN1 Engine Core
R-985 Engine Core
P&W R985-An14B Engine Core Less Crankshaft
(23+) P&W R-1340 Disassembled Engines
(23+) P&W R-985 Disassembled Engines
(6) Continental W670 Disassembled Engines
Note: Disassembled Engines Will Be Missing Various Parts

=NEW & O/H P&W 985, 1340 & CONTINENTAL ENGINE INVENTORY=

Very Large Selection of New & O/H Radial Engine Inventory for P&W, Continental Engines to Include Piston Rings Standard & Oversized, Internal Gears, Shafts, Intake & Exhaust Valves, Valve Guides, Rocker Arms, Bushings & Bearings, Push Rods, Case & Cylinder Studs, Intake Pipes, Pushrod Housings, Baffling, Spacers, Supports, Gaskets, Spiders, Plugs, Clamps, Grommets, Nuts, Adapters, Oil Screens, Primer Line Distributors, Valve Seats, Valve Locks, Crankshaft Bearings, Piston Pins, Covers, Springs, Link Pins, Flyweights, Liners, Sleeves, Oil Pump Bodies, Oil Pump Assys, Rocker Box Covers, Oil Seals, Retainers, Piston Pin, Plugs, Palnuts, Intake Nuts, Ignition Leads, Cams, Cam Hubs, Impellers, Valve Springs, Link Rods, Accy Case Covers, Washers, Intake Flanges, Copper Crush Gaskets, Oil Lines & Tubes, Ignition Shields, Spark Plugs, Cables, Decals, Prop Seals, Prop Nuts, Oil Sumps, Accy Drive Pads & Gear Assys, Ignition Lead Rings, Cylinder Baffles/Deflectors, Primer Liners, Dish Pans, Rolls of Hose, Tappets & Tappet Bodies, Slingers, Thrust Bearings, CHT Leads Etc.

(300) 1340 Cams P/N 11768 New & Reground, Standard Thru 030
(60+) New R-1340 Cases
(138+) P&W 985 & 1340 Power/Crankcase Halves, Some Repaired
(45) P&W 985 & 1340 O/H Blower Section/Rear Case Assy

(1) R-1340 Nose Case/Shaft Assy O/H
(20+) Overhauled P&W 985 & 1340 Crankshaft Assys
W670 Crankshaft/Rod Assy Insp.
Continental W670 O/H Crankshaft
(29) 985 Master Rods Cleaned & Inspected
(17) 1340 Master Rods Cleaned & Inspected
100's of New Pistons for P&W 985, 1340, Standard & Oversized
Good Selection of New Berry Engine Mounts P/N MB 100878 & MB 100879
New Bearings 62032
New Bearings 6218
1000's of New Push Rod Housing Blanks

=AS REMOVED PRATT & WHITNEY 985 & 1340 ENGINE INV=

A Very Very Large Selection of As Removed Inventory to Include Power Section Case Halves, Blower Assys & Housings, Pistons, Master & Link Rods, Piston Pins, Crankshafts, Counter Weights, Bearings, Valves, Valve Springs, Rocker Arms, Cams, Tappet Bodies & Followers, Push Rods & Push Rod Housings, Impellers, Oil Pumps & Housings, Thrust Plates, Ignition Looms, Ignition Harness & Conduit, Rocker Box Covers, Generator Drive Gears & Pads, Intake Nuts, Baffling, Rear Cases, Nose Cases, Internal Gears, Hardware, Shims, Rocker Arm Shafts, Oil Tubes & Lines, Primer Lines, Valve Spring Seats, Oil Sumps, Covers, Supports, Link Pins, Oil Seal Deflectors, Bracket & Clamps, Piston Plugs, Counter Weights, Oil Separators, Accy Pads, Radial Engine Exhaust, Radial Engine Mounts, Etc.
1000's of Used Pistons for 985, 1340, Continental 670, Lycoming 680, Etc.
(700+) P&W Cams
Several Hundred 985 & 1340 A/R Master Rods
Large Selection of 985 & 1340 Blower Cases
(13) P&W Geared Nose Case Housings
P&W Nose Case Housings
Large Selection of 1340 Thrust Bearing Covers
985 & 1340 Crankshaft Counter Weights

=CONTINENTAL W670 ENGINE INV=

Continental W670 O/H & As Removed Inventory to Include Case Assys, Power Section Case Halves, Nose Cases, Rear Cases, Master Rods, Link Rods, Gears, Pistons, Piston Rings, Piston Pins, Link Pins, Crankshafts, Intake Pipes, Rocker Arms, Ignition Leads & Inv., Gaskets, Hardware, Covers, Bearings, Guides, Etc.

=ACCESSORIES=

(23) NAR9B Carburetors O/H	(7) JH-6, 915, 444, & Misc. Starters O/H
(240+) NAR9B Carburetor Cores	(280+) Starter Cores to Include Eclipse B11 & C20, Series 43, 915 Delco 108684, Eclipse 756, 1416, E80, JH3, JH6, Etc.
(9) NAY9 Carburetors O/H	(7) Eclipse E-7, 308 & Misc. 12-V Generators O/H
(450+) NAY9 Carburetor Cores	(5) M-3, P-1 & E5A Generators, O/H
(2) NAR6 Carburetors O/H	(5) 24V & 30V Generators, O/H
NAR6 Carburetor Cores	(48+) Generators of Various Makes & Models
(2) NAR7 Carburetors O/H	30E16 Generators, O/H
(70+) NAR7A Carburetor Cores	Jasco Alternator Cores
(25+) NAR9A Carburetor Cores	(2) Pesco 1P-203-P O/H Hyd Pump
MA 4-5 Carburetor O/H	(4) Vacuum Pumps O/H
(2) MA 4-5 Carburetors	Woodward 8210-002AD Prop Governors
PD-12, HHV-5, PS5C Carburetor Cores	(2) HAM-STD 4M12 & B4 Governors
(3) RS-10 Fuel Injection Servos	100's of Pesco, Titan & Ceco 200 & 400 Gal Fuel Pumps
(55+) Bosch SB9RN & SB9RU Magnetos O/H	100's of 985 & 1340 A/R Prop Governors
(15) Bosch SBR9N Magnetos O/H	Very Large Selection of Tach Generators
Thousands of SB9RN, SB9RU & SB9N Magnetos	Good Selection of Carbons Pile & Reverse Current Relays
Scintilla SF4 & SF6 Magneto Cores	985 Oil Coolers
Scintilla VMN7 Magneto Cores	
Misc. Bendix 4 & 6 Cylinder Magnos	
Scintilla DFLN-4 Magneto Cores	
(13) E80, 756 & 1416 O/H Starters	

=ACCESSORY REPAIR INVENTORY=

(142) Magneto Gears P/N GE-52189 Repaired with Metal Gears
Bosch & Bendix Magneto O/H Inv. to Include Coils, Gears, Housings, Seals, Plates, Condensers, Distributor Blocks, Ignition Leads, Breaker Plates, Cam Lubricators, Overhaul Parts Kits, Bearings, Covers, Elbows, Harness Repair Kits, Points, Cushion Drives, Drive Couplings, Screws, Plated Hardware, Rotors, Cams, Shims, Shields, Seals, Armatures, Clamps Etc., Very Large Selection

(200+) Bosch Magneto Housings Painted & Repaired

Carburetors O/H Inv to Include Venturi's, Floats, Strainers, Bushings, Levers, Needle Seats, Jets, Valves, Housings & Plates, Shafts, Links, Needles, Bodies, Tubes, Stem Assys, Studs, Screws, Fittings, Gaskets, Pins, Washers, Roll Pins, Covers, Inlet Screens, Floats, Bowls, Butterflies & Shafts Etc., Large Selection

Large Selection of Starter & Generator Repair Parts to Include Housings, Bearings, Gears, Shafts, Field Assys, Brush Holders, Armatures, End Bells, Seals, Brushes, Clutch Housings, Springs, Terminal Blocks, Hardware

=CYLINDERS=

1000's of Cylinders to Include Overhauled, Partial Repaired & Cores, 985 & 1340's

=CARTS, BENCHES & MISC.=

(6) Radial Engine Rotating Build Stand

(7) Wood Test Clubs of Various Sizes

Several Radial Engine Cylinder Carts

Large Selection of 5' & 6' Steel Shop Benches

Several Engine Tear Downs Roll Around Carts 4'x4'

Several Roll Around Parts Cart

Misc. Hamilton Standard Prop Spider

Large Selection of Building & Equipment Repair Inv

(6) 4' & 6' Inventory Ladders

=STORAGE CONTAINERS=

(16) Metal Storage Containers 22', 24', 36', 42' & 48' Lengths

Note: This will be one of the Largest P&W R-985 & R-1340 Inventories ever sold at Public Auction! All and any counts we have posted are only what we could see at the time we did the listing. There were several storage containers and cans we could not get into so most all counts are sure to increase.

AUCTIONEER'S NOTE: The Owners of Aero Engines, Inc. have decided to retire from the engine overhaul business. They have therefore closed the business down and contracted with Starman Bros. Auctions, Inc. to liquidate all the company assets at Public Auction. This Auction will include several R-985 & R-1340 Overhauled & Disassembled Engines as well as Several Thousand Cylinders & Accessories, Both Overhauled and Cores. There is also a Very, Very Large Engine & Accessory Inventory and a Large Selection of Equipment and Tooling.

Everything sells "AS IS, WHERE IS" with no warranties implied or expressed. Neither the auctioneer nor owners shall be liable for any incorrect description, fault, or defect. Everything positively sells to the highest bidder. Payment must be made in full day of sale. No property removed until settled for. Auctioneer is not responsible for accidents or stolen property. All counts are approximate. Announcements made day of sale takes precedence over printed material.

PAYMENT TERMS: Cash, Certified Funds, or Company Check ONLY if accompanied by Bank Letter of Guarantee!! NO EXCEPTIONS! Wire Transfers will be accepted with a 20% non-refundable deposit day of sale in one of the forms listed above. We also accept MasterCard and Visa with an additional 3% Buyers Premium applicable. A 5% Buyer's Premium will apply to all purchases at this auction.

PROXY BIDS: If you are unable to attend this auction we will bid on your behalf. For more info visit our web site at www.starmanauctions.com and click on Upcoming Auctions and scroll down to the Proxy Bid Section. Complete form and fax to (402) 592-2327 or call Steve at (402) 681-6456.

LOADING & REMOVAL: Once an item is sold the winning bidder is responsible for its removal. Any cost responsibility and risk of removal of purchases remain with the buyer. Removal may begin after payment in full and must be completed by the posted deadlines. NO EXCEPTIONS OR EXTENSIONS! There may be various trucking companies on site to arrange for transportation. However, it will be the buyer's responsibility to arrange their own trucking.

The logo for Starman Bros. Auctions Inc. features the company name in a bold, dark red, sans-serif font. The words "STARMAN BROS." are on the top line, and "AUCTIONS INC." is on the bottom line. The text is flanked by two stylized stars, each with three horizontal lines extending from its base, resembling a flag or a signal. The entire logo has a slight drop shadow effect.

STARMAN BROS.
AUCTIONS INC.

1240 Royal Drive Papillion, NE 68046 ~ 402.592.1933 FAX 402.592.2327

website: www.starmanauctions.com