

ABSOLUTE AUCTION!!!

AVIATION AUCTION

*Friday & Saturday ~ May 11th & 12th, 2012
Starting at 9:30 A.M. Both Days!!*

Complete Liquidation of EMPIRE ENGINE ENTERPRISE, INC. 30246 1st Street ~ Municipal Airport LaJunta, Colorado

*Sale Site Phone: (719) 468-9375 or Scott Moore (402) 681-3652
OPEN HOUSE: Thursday ~ May 10th ~ 9:00 A.M. to 5:00 P.M.*

Directions: From US Hwy 50 in LaJunta, Take Hwy 109 North 3 Miles to LaJunta Municipal Airport/Industrial Park Entrance, Turn Right and Follow Street Around Golf Course for Approx. 1.5 Miles to 1st Avenue, Turn Left and Sale Site is ¼ Mile. Watch For Signs!!

Airline Connections: Most Major Airline Service into Denver, CO with Additional Airline Services into Colorado Springs which is approximately 1 Hour 45 Minutes from LaJunta.

***NOTE: This Listing contains the inventory that was visible
at the time we did the listing.***

We expect Counts and Items to Increase by Sale Day!

=CYLINDER SHOP EQUIPMENT=

Sunnen CK10 Cylinder King Cylinder Hone
12-Speed Vertical Mill Mdl DL300-160
Amco Mdl 2500 Piston Pin/Valve Guide Honing Machine
Van Norman No. 76 OD Grinder for Starter Adapter
Shafts
Tobin Arp Hone
Hydraulic Press for Connecting Rod Bushings
Pneumatic Cylinder Working Stand
Black & Decker Valve Seat Refacer
Sioux Valve Seat Driver
Cont. O-200 Rocker Boss Reamers
(70+) Boroughs Valve Guide Cutters for Continental 65-
520 & Lycoming 235-540
Boroughs Valve Seat Cutters
Sunnen Valve Guide Hones

Valve Guide/Seat
Alignment Tool
K.O. Lee Connecting
Rod Alignment Fixture
Sunnen Rod Alignment Gauge
Sunnen CF1000 Bore Gauge Standard
Valve Seat Puller
Valve Seat Go-No-Go Gauges
Holding Fixture for Valve Guide Reaming w/Broaches
Expandable Hones
Pedestal Polisher, 3-Jaw Chuck
Valve Spring Compressors
Ball Hones
Valve Seat Grinding Stones
Tobin Arp Hone, Parts Only

=SHOP EQUIPMENT=

Magnaflux ARV-425 Test Bench, 6' Bed, 1800 Amp
Continuity, 5000 Amp Max Output, 25-120 Amps DC
Input, 230 Volts, 3-Phase
United Mdl 7148 Type II Generator Test Stand/Vari-
Drive, 6V-24V, 400 Amp Capacity, 800-11,000 RPM,
Dual Pad
Central Machinery Bench Top Lathe, ¾ HP, 7" Swing,
200-2900 RPM, Hollow Spindle
Clayton Engine Water Dyno
Baldor Crankshaft Polisher
Champion Spark Plug Cleaner/Tester
Black & Decker Pedestal Grinder

(3) Rotating Engine Build-Up Stands
(2) Radial Engine Rotating Build-Up Stands
(8) Engine Build-Up Stands
Boeing Vertol Hydraulic Test Set
Good Selection of Radial Engine Spanner Wrenches &
Intake Tube Nut Wrenches
Piston Ring Compressors
Number & Letter Stamps
Sanding Disks
Misc. Hand Tools
(2) Large Ultrasonic Cleaners

=RADIAL ENGINES=

P&W R-2800-31M2 Engine
R2800-79 Engine, No Cylinders
Lycoming R-680-13 Engine, on Mount w/Exhaust &
Stinson V-77 Data Tag
Continental R-670-5 Engine
Continental W670-240 Engine

(3) Continental W670 Engines
(4) Lycoming R680-9 Engine
(2) Lycoming 225 Front Exhaust Engines
Lycoming R680 Engine
Lycoming R680-8 Engine, Disassembled
Jacobs R-755A Disassembled Engine

LaJunta HOTELS:

Holiday Inn Express
27994 US Hwy 50 Frontage Rd.
(719) 384-2900

Hampton Inn
27800 US Hwy 50 Frontage Rd.
(719) 384-4444

Super 8
27882 US Hwy 50 Frontage Rd.
(719) 384-4408

Americas Best Value Inn
1325 E 3rd Street
(719) 384-2571

Stage Coach Motel
905 W 3rd Street
(719) 384-5476

Jacobs Engine, No Cylinders
Curtis Wright 975 Whirlwind Case & Crank Assy
Curtis Wright 975 Engine, Minus Some Cylinders
Curtis Wright 975 Heavy Crash Damage
P&W R-2800-B Engine Case

Curtis Wright 2600 Engine, No Cylinders
Curtis Wright 1820 Case w/Shaft
Ranger 440 Engine
Disassembled Ranger Engine
2-Cylinder Drone Engine w/Prop

=CONTINENTAL & LYCOMING ENGINES=

Lycoming GSO-480 Engine
(2) GO-480 Engines
Lycoming GO-435 C2B2 Engine
Lycoming GO-435 Engine, Minus Cylinders
Continental O-470-13 Engine
Continental O-470-11 Engine
Continental O-470-13 Display Engine on Stand w/Prop
O-300 Display Engine
TIO-541 Display Engine
Continental TSIO-470-B Disassembled Engine
Continental IO-520 Front Alt Heavy Case Disassembled Engine
(2) Continental IO-470 Disassembled Engines
Continental O-470-7 Disassembled Engine
(2) Continental O-470-13 Disassembled Engine
Continental O-470R Disassembled Engine

Continental E-185-9 Disassembled Engine
(3) Continental O-470-15 Disassembled Engines
Continental C-125-2 Disassembled Engine
Continental C-85 Disassembled Engine
(2) Lycoming IO-540 Disassembled Engines
Lycoming VO-540 Disassembled Engine
Lycoming GO-480F Disassembled Engine
Lycoming IGSO-540 Disassembled Engine
(5) Lycoming GO-480 Disassembled Engines
(2) Lycoming VO-435 Disassembled Engine
Lycoming O-145 Disassembled Engine
Lycoming O-235C Disassembled Engine
NOTE: DISASSEMBLED ENGINES WILL CONSIST OF CASE, CRANKSHAFT, CYLINDERS & VARIOUS SMALL PARTS

=CRANKCASES=

(3) Lycoming O-540 Cases
New Continental O-470-15 Crankcases
Lycoming IO-720 Case
(10+) Lycoming GO-480 Crankcases
Lycoming GO-435 Case
(2) Lycoming O-320 Cases
Lycoming O-235 Case
Continental 520 7-Stud Front Alt Crankcase
Continental IO-520 Heavy Case

(2) Continental 520 Front Alt Heavy Cases
Continental GTSIO-520 Case
(5) Continental 470 Cases
(2) Continental O-300 Cases
Continental IO-360 Case
(5) Continental E-Series Cases
(4) Continental A65/85 Crankcases
Continental O-200 GP Case
Franklin Case

=CRANKSHAFTS=

(2) New O470-13 Crankshafts
(11) O-470-13 Crankshafts
(2+) Lycoming 540 Crankshafts
IGSO 480/540 Crankshafts
(10+) Lycoming 320/360 Crankshafts
(6) VO-435 Crankshafts
(2) Lycoming 235 Crankshafts
Lycoming 290 Crankshaft
(4) Lyc. VO & GO Crankshafts
(10) Continental 470/520 Crankshafts

Continental A-75 Crankshaft
(4) A65/200 Crankshafts
(2) O-470-11 Crankshafts
C-145 Crankshafts
GO-300 Crankshafts
(3) E-Series Crankshafts
R-985 Crankshaft w/Rods
Pratt & Whitney 1340 Crankshaft for Ford Tri-Motor
(2) 670 Master Rod/Connecting Rod Assys
(30+) Camshafts

=CYLINDERS=

(252) Lycoming 435/480/540 Narrow Deck Cylinders
(67) Lycoming 435/480 & 540 Wide Deck Cylinders
(115) Lycoming 320/360 Cylinders
(9) Lycoming H2AD Cylinders
(7) Lycoming 235/290 Cylinders
(66) Continental 470/520 Cylinders
(62) Continental 65/85/200/300 Cylinders
(25) E-Series Cylinders
(4) Continental IO-360 Cylinders
(21) GTSIO Cylinders
(7) Franklin Cylinders
(70+) 985 Cylinders

(9) New Continental 670 Cylinders
(158) Continental 670 Cylinders
(42) Curtis Wright 2600 Cylinders
(32) R680 Cylinders
(15) 1830 Cylinders
(60) 2800 Cylinders
(7) Jacobs Cylinders
(8) Ranger Cylinders
1820 Cylinders
4360 Cylinder
Curtis Wright 975 Cylinders

=ACCESSORIES=

MA4-5 Carburetors
(6) NAR9B Carburetors
NAR9C2 Carburetors
MA3SPA Carburetors
(3) NAR6B Carburetors
MA4-5 Carburetor Bowls
Several New Carburetor Bowls
Good Selection of Disassembled Carburetors
(2) NAR6D Carburetors
NAY9H Carburetor
NAR4B Carburetor
Stromberg BD9G Carburetor
(20+) Pressure Carburetors
(2) Holly 419 Carburetors
Stromberg PT-13 Carburetor
(2) Zenith Carburetors
Good Selection of Radial Engine Mag Harnesses & Loom Assys for Various Models
Stromberg PD18C1A Carburetor
Good Selection of Large Stromberg Radial Engine Carburetors
RSA10 Fuel Injection Servo

RSA5 Fuel Injection Servo
Several Continental Fuel Injection Throttle Bodies
Fuel Injection Flow Dividers
Continental Fuel Injection Pumps
(14) Weldon & Romac Radial Engine Fuel Pumps
(10+) Hydraulic Pumps
(26) Tach Generators
(15+) Starters
(8+) 756 Starters
(4) 36E14 Starters
Several Generator and Alternators
Jack & Heintz G20 Starter
Very Large Selection of Radial Engine Generators of Various Models to Include 30E22, P2, 30059, 901 Etc.
Good Selection of Disassembled Generator Inventory to Include Bell Mounts, Housings, Fields, Armatures, Bearings, Etc.
(6+) Oil Coolers
(5) Starter Ring Gears
(10+) Prop Governors
Good Selection of Pressure Carburetor Housings

Good Selection of Bendix S14RN Magnetos
Bendix Scintilla Magnetos
Bendix Magnetos
Eiseman Magnetos and Inv.

Bendix & Slick Magneto Inv
Mag Harnesses
(30+) Wet Vacuum Pumps

=NEW RADIAL ENGINE INVENTORY=

Good Selection of New P&W & Radial Engine Inventory to Include Shields & Baffling, Piston Rings, Cams, Pistons, Gears, Pumps, Hardware, Push Rod Housings, Etc.

New Kinner Engine Inventory to Include Exhaust Valves, Intake Valves, Piston Rings, Valve Guides, Bearings, Etc.

=RADIAL ENGINE INVENTORY=

1340 Crankshaft w/Rods
985 Crankshaft & Rod Assy
1340 Master & Connecting Rod Assy
1830 Master Rods
R-1830 Prop Shafts & Cases
Jacobs Aluminum Rods
Several Lycoming R-670 Cases & Master Rods
Large Selection of Radial Engine Cams for Various Models
Good Selection of 1830/R-2000 Rear Cases
Several 1830 Oil Sumps
Several P&W Blower Cases
Several W670 Cases
Lycoming 680 Cases, Pistons, Connecting Rods, Intake Tubes & small Parts

Large Selection of W670 Sumps
R-1820 Sumps
Good Selection of P&W Front Oil Pumps
Several P&W Front Cases
Very Large Selection of Front, Intermediate, Rear & Blower Cases
Very Large Selection of Radial Engine Baffling
Large Selection of Used Radial Engine Inventory to Include Pistons, Rods, Baffling, Piston Pins, Cases, Hardware, Rocker Arms, Springs, Push Rods, Push Rod Housings, Valve Spring Seats, Cams, Cam Followers, Gears, Prop Hubs, Rocker Box Covers, Ignition Harnesses & Shields, Prop Nuts, Etc.

=NEW CONTINENTAL & LYCOMING ENGINE INV=

New Continental & Lycoming Engine Inventory to Include Valve Guides, Valve Seats, Pistons, Piston Rings, Connecting Rods, Filter Screens, Bearings, Gaskets, Piston Pins & Plugs, Primer Lines, Pushrod Housings, Vernatherms & Housings, Bushings, Seals, Dipsticks, Gears, Piston Plugs, Studs, Tubes & Lines, Push Rods, AN Fittings, Springs, Sludge Tubes, Etc.

=CONTINENTAL & LYCOMING ENGINE INV=

Very Large Selection of Lycoming & Continental Connecting Rods
Large Selection of Lycoming & Continental Rocker Arms
C-85 Kidney Sump
(10+) Continental & Lycoming Sumps
(4) Lycoming O-290 Sumps
TIO-541 Sump
(4) Lycoming 541 Sumps
Lycoming 540 Sumps
O-540 Intake Tubes
Lyc. Cylinder Hold Down Plates
65/85 Intake Spiders

(20+) Continental & Lycoming Accessory Cases
Good Selection of Continental Oil Pump Housings
Good Selection of Used Valve Seats & Guides
Good Selection of Lycoming & Continental Valves, Valve Guides, Valve Springs, Rocker Arms, Intake Tubes, Pistons, Piston Pins, Valve Spring Seats, Rocker Box Covers, Mag Harnesses, Gears, Connecting Rods, Master Rods, Cylinder Hold Down Plates, Counterweights, Studs & Thru-Bolts, Engine Legs, Piston Rings, Oil Pans & Sumps, Bushings, Engine Hardware, Push Rods, Rod Bolts, Tappet Bodies & Lifters, Plungers, Etc.
Starter Drive Housings & Inv.

=GEARED LYCOMING ENGINE INV=

Very Large Selection of Geared Lycoming Engine Inventory to Include Front Cases, Gears, Shafts, Cases, Pistons, Connecting Rods, Blower Sections, Etc.

=PROPELLORS & TEST CLUBS=

(2) Hamilton Standard 2B20 Props
1340 Ground Adjustable Prop 30-708
McCauley Ground Adjustable Metal Prop Blades w/Hub
Hartzell Wood Prop 44K13397
Sensenich Bros Mdl 98AA-64 Wood Prop with Hub
Hartzell HC922F Prop
Beechcraft Wood Bladed Constant Speed Prop
(9) Hamilton Standard Prop Blades
(2) Wood Prop Blades
20-Spline 4-Blade Test Club Prop
Wood Test Club Prop
Large Wood Prop Hub
T-28 Spinner & Backing Plate
Hamilton Standard Prop Hub Inventory to Include Hubs, Clamps, Bearings, Etc.

=EXHAUST & ENGINE MOUNTS=

Large Selection of Both Radial and Opposed Engine Exhaust to Include Front Rings, Elbows, Shields, Mufflers Etc.
(30+) Radial Engine Mounts
Antique Recip. Engine Mounts
DC-3 Cowling
Bamboo Bomber and Small Radial Engine Cowling
Several Pieces of Radial Engine Cowling

=MISCELLANEOUS INVENTORY=

(2) Hiller M/R Transmissions
F3H Landing Gear Assy
Swift Landing Gear & Misc Inv
Several New Scott Tailwheel Spring Kits
(4) Hayes 27" & 30" Wheels
Several Antique Wheels
Goodrich Brake Calipers & Brake Disks
Beech 18 Gear Doors

Misc Instruments & Electrical Inv
Automotive 671 Super Charger/Blower Assy

NOTE: This Listing contains the inventory that was visible at the time we did the listing. We expect Counts and Items to Increase by Sale Day!

AUCTIONEER'S NOTE: After 62 Years in the Engine Business, the Owners of Empire Engines have decided to close their doors and have contracted with Starman Bros. Auctions, Inc. to liquidate all Inventory and Equipment at Public Auction. This Auction will have a Very Large selection of Radial and Opposed Engines, Engine Inventory and Cylinder Shop Equipment. 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 all 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.

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.



**1240 Royal Drive ~ Papillion, NE 68046 • 4901 E Falcon Drive ~ Mesa, AZ 85215
(402) 592-1933 • (480) 396-0380**