

*Absolute
Auction!*

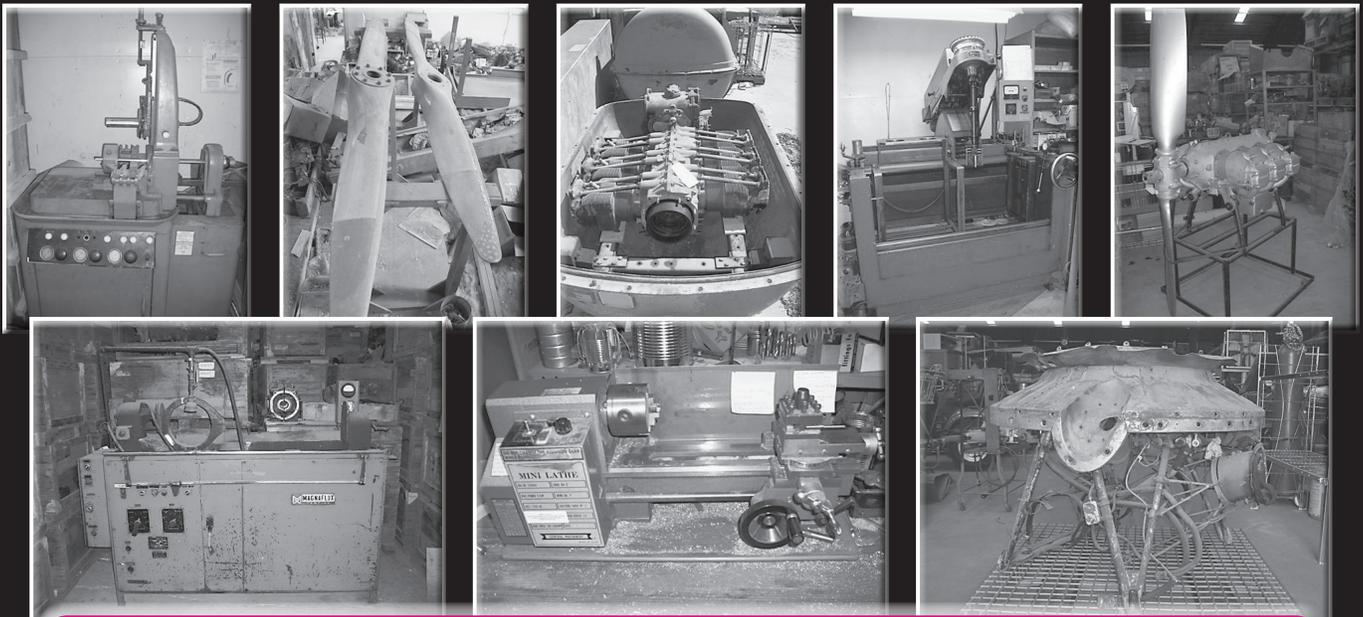
Sale Site Phone
(719) 468-9375
or Scott Moore
(402) 681-3652

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



OPEN HOUSE: Thursday, May 10th • 9:00 A.M. to 5:00 P.M.

DIRECTIONS: From U.S. 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 Approximately 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, Colorado, with Additional Airline Services into Colorado Springs which is approximately 1 Hour 45 Minutes from LaJunta.

LaJunta Hotels

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

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

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

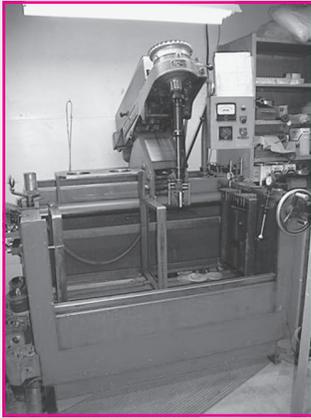
America's Best Value Inn
1325 E. 3rd Street
(719) 384-2571

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

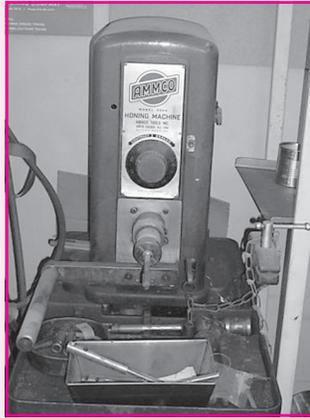
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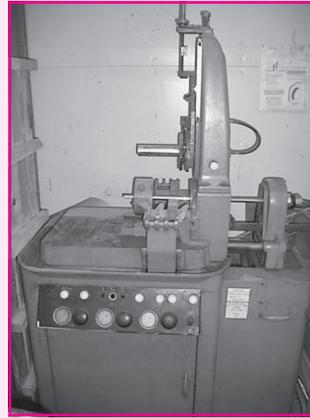
★ ★ ★ CYLINDER SHOP EQUIPMENT ★ ★ ★



Sunnen CK10 Cylinder King
Cylinder Hone



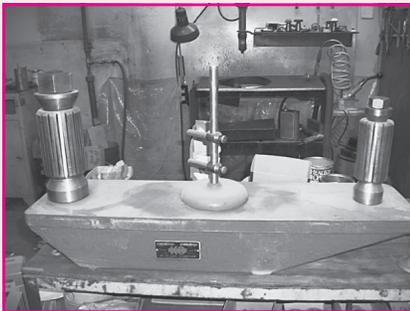
Amco Mdl. 2500 Piston Pin/
Valve Guide Honing Machine



Tobin Arp Hone



Cont. O-200 Rocker Boss
Reamers



K.O. Lee Connecting Rod Alignment
Fixture

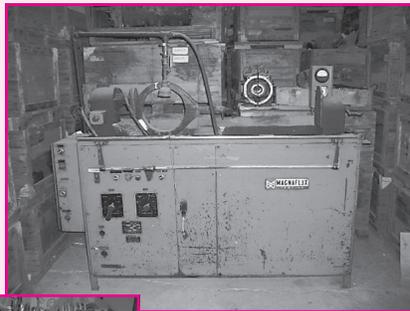
12-Speed Vertical Mill Mdl.
DL300-160
Van Norman No. 76 OD
Grinder for Starter
Adapter Shafts
Hydraulic Press for
Connecting Rod
Bushings
Pneumatic Cylinder
Working Stand
Black & Decker Valve Seat
Refacer
Sioux Valve Seat Driver

(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
Sunnen Rod Alignment
Gauge
Sunnen CF1000 Bore
Gauge Standard
Valve Seat Puller

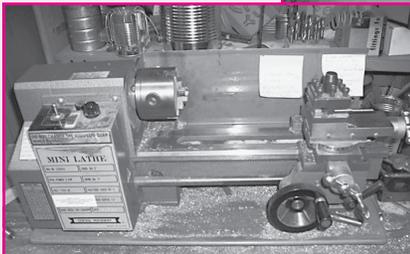
Valve Seat Go-No-Go
Gauges
Holding Fixture for Valve
Guide Reaming
w/Broaches
Expandable Hones
Pedestal Polisher, 3-Jaw
Chuck
Valve Spring Compressors
Ball Hones
Valve Seat Grinding Stones
Tobin Arp Hone, Parts Only

★ ★ 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



Central Machinery Bench
Top Lathe, 3/4 HP, 7"
Swing, 200-2,900 RPM,
Hollow Spindle

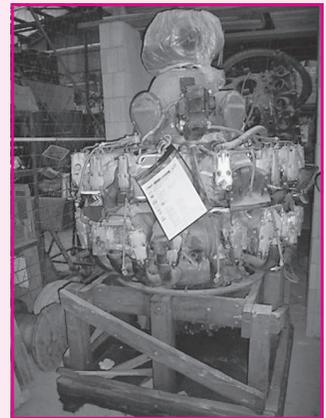


United Mdl. 7148 Type II Generator Test
Stand/Vari-Drive, 6V-24V, 400 Amp
Capacity, 800-11,000 RPM, Dual Pad
Clayton Engine Water Dyno
Baldor Crankshaft Polisher
Champion Spark Plug Cleaner/Tester
Black & Decker Pedestal Grinder
(3) Rotating Engine Build-Up Stands

(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 ★

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
Jacobs Engine, No
Cylinders
Curtis Wright 975
Whirlwind Case
& Crank Assy.
Curtis Wright 975 Engine,
Minus Some Cylinders
Curtis Wright 975 Heavy
Crash Damage



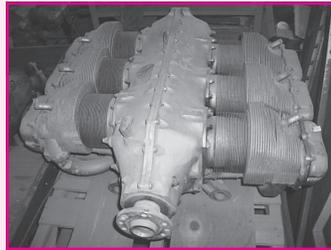
P&W R-2800-31M2 Engine

Curtis Wright 2600 Engine,
No Cylinders
Curtis Wright 1820 Case
w/Shaft
P&W R-2800-B Engine Case
Ranger 440 Engine
Disassembled Ranger Engine
2-Cylinder Drone Engine
w/Prop

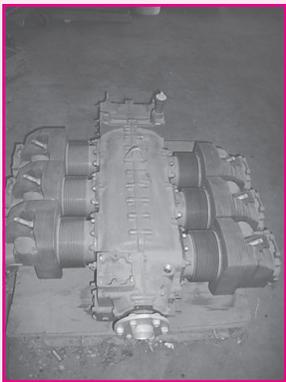
★ ★ CONTINENTAL & ★ ★ LYCOMING ENGINES



Lycoming GSO-480 Engine

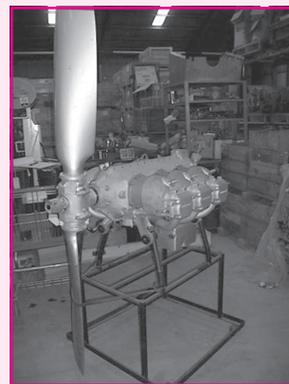
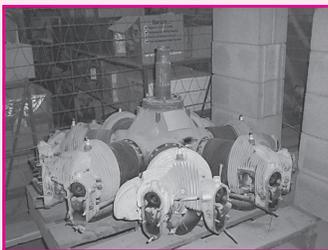


Continental O-470-13 Engine



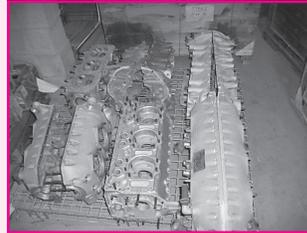
TIO-541 Display Engine

- (2) GO-480 Engines
- Lycoming GO-435 C2B2 Engine
- Lycoming GO-435 Engine, Minus Cylinders
- Continental O-470-11 Engine
- Continental O-470-13 Display Engine on Stand w/Prop
- O-300 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

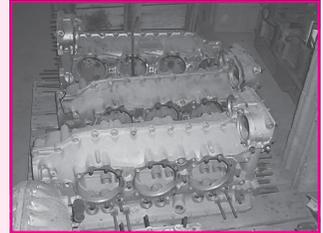


NOTE: DISASSEMBLED ENGINES WILL CONSIST OF CASE, CRANKSHAFT, CYLINDERS & VARIOUS SMALL PARTS.

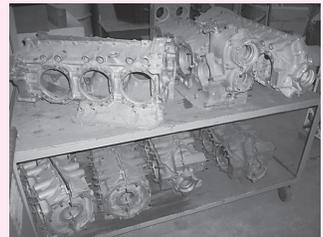
★ ★ ★ CRANKCASES ★ ★ ★



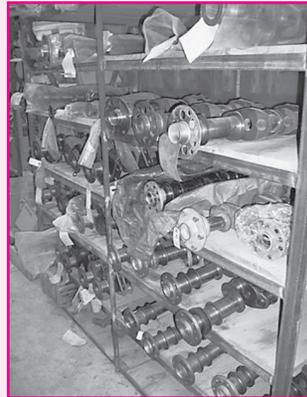
- (3) Lycoming O-540 Cases
- New Continental O-470-15 Crankcases
- Lycoming IO-720 Case
- (10+) Lycoming GO-480 Crankcases
- Lycoming GO-435 Case
- (2) Lycoming O-320 Cases
- Lycoming O-235 Case
- Continental 520 7-Stud Front Alt Crankcase
- Continental IO-520 Heavy Case
- (2) Continental 520 Front Alt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



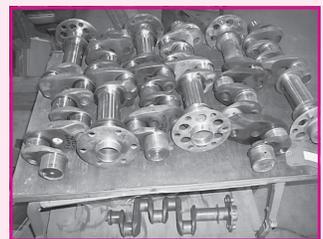
★ ★ CRANKSHAFTS ★ ★



- (2) New 0470-13 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



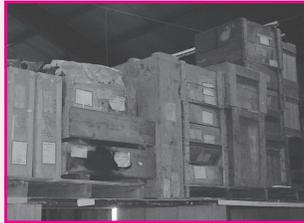
★ **NOTE: This listing contains the inventory that was visible at the time we did the listing. We expect counts and items to increase by sale day!** ★

★ ★ ACCESSORIES ★ ★

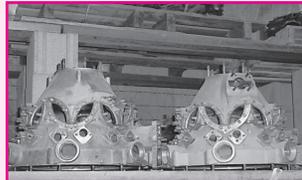
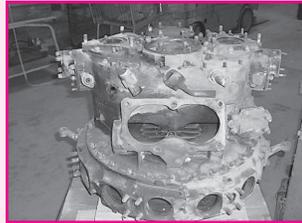
MA4-5 Carburetors
(6) NAR9B Carburetors
NAR9C2 Carburetors
MA3SPA Carburetors
(3) NAR6B Carburetors
MA4-5 Carburetor Bowls
Several New Carburetor Bowls
Good Selection of
Disassembled Carburetors
(2) NAR6D Carburetors
NAY9H Carburetor
NAR4B Carburetor
Stromberg BD9G Carburetor
(20+) Pressure Carburetors
(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

★ ★ 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,
Pushrods, Pushrod Housings,
Valve Spring Seats, Cams,
Cam Followers, Gears, Prop
Hubs, Rocker Box Covers,
Ignition Harnesses & Shields,
Prop Nuts, Etc.

★ ★ ★ 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



★ 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, Pushrods, Rod Bolts, Tappet Bodies &
Lifters, Plungers, Etc.
Starter Drive Housings & Inv.



NEW CONTINENTAL & LYCOMING ENGINE INVENTORY

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, Pushrods, AN Fittings, Springs, Sludge Tubes, Etc.

★ NEW RADIAL ENGINE ★ INVENTORY

Good Selection of New P&W & Radial Engine Inventory to Include Shields & Baffling, Piston Rings, Cams, Pistons, Gears, Pumps, Hardware, Pushrod Housings, Etc.
New Kinner Engine Inventory to Include Exhaust Valves, Intake Valves, Piston Rings, Valve Guides, Bearings, Etc.



★ EXHAUST & ENGINE MOUNTS

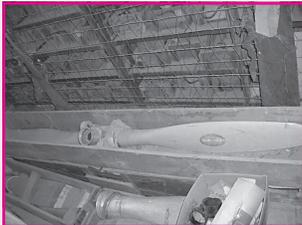
Large Selection of Both Radial and Opposed Engine Exhaust to Include Front Rings, Elbows, Shields, Mufflers, Etc.

(30+) Radial Engine Mounts
Antique Recip. Engine Mounts
DC-3 Cowling
Bamboo Bomber and Small Radial Engine Cowling

Several Pieces of Radial Engine Cowling



★ ★ PROPELLORS & ★ ★ TEST CLUBS



(2) Hamilton Standard 2B20 Props

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

Wood Test Club Prop Large Wood Prop Hub T-28 Spinner & Backing Plate Hamilton Standard Prop Hub Inventory to Include Hubs, Clamps, Bearings, Etc.



1340 Ground Adjustable Prop 30-708



20-Spline 4-Blade Test Club Prop



(2) Wood Prop Blades

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!

★ GEARED LYCOMING ★ ENGINE INVENTORY

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

★ ★ 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.

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% Buyer's 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.

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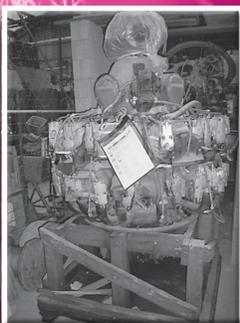
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**Friday & Saturday
May 11th & 12th, 2012**

Starting at 9:30 A.M. Both Days!!

AVIATION

AUCTION



OPEN HOUSE

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