

# AVIATION AUCTION

**FRIDAY & SATURDAY**  
**September 25<sup>th</sup> & 26<sup>th</sup>, 2009**  
*Starting at 9:00 A.M. Both Days!*

**HLM AIR SERVICES**  
**4803 Airport Rd. ~ Independence, Oregon**  
**Located on the Independence State Airport (Identifier 7S5)**

Directions: Independence is just to the West/Southwest of Salem, OR.



## ABSOLUTE AUCTION



**SALE SITE PHONE: (503) 606-2923**

### AIRLINE CONNECTIONS

Most all major airlines into Portland, OR, approx. 1 Hr. drive up I-5. Private aircraft can land at Independence State Airport. The auction site is on the West side of the airport.

### HOTELS:

<b>Hotel Headquarters</b> Best Western Mill Creek Inn 3125 Ryan Dr Salem, OR 503-585-0332	<b>Comfort Suites</b> 630 Hawthorne Ave Salem, OR 503-585-9705	<b>Holiday Inn Express</b> 890 Hawthorne Ave SE Salem, OR 503-391-7000
<b>Phoenix Grand Hotel</b> 201 Liberty St Salem, OR 503-540-7800	<b>Residence Inn by Marriott</b> 640 Hawthorne Ave SE Salem, OR 503-585-6500	<b>Best Western Dallas</b> 250 Orchard Dr Dallas, OR 503-623-6000

### SALE ORDER

**FRIDAY ~ SEPTEMBER 25TH:**  
Landing Gears, Wheels, Brakes, Exhaust, Fuselages, Wings, Control Surfaces, Cowling, Fuel Tanks, Engine Mounts, Doors, J-3 Inventory, Airframe Inventory, New Hardware, Electrical, Seats & Interior, Propellers, Avionics & Instruments, and Miscellaneous.

**SATURDAY ~ SEPTEMBER 26TH:**  
Accessories, Engine Inventory, Crankcases, Crankshafts, Cams, Accy. Cases, Cylinders, Engines.  
At 1:00 P.M.: Flying Aircraft, Project Aircraft, followed by Vehicles, Hand Tools, and Shop Equipment.

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**STARMAN BROS.**  
**AIRLINE SERVICES, INC.**



★ ★ ★ FLYING AIRCRAFT ★ ★ ★



**Vans RV-9A, N-109HJ S/N 90296;** 40 Hrs. T.T. Since New; Lycoming O-320 Engine (Engine appears to have been overhauled at the time of install. Log books are missing for engine. We hope to locate by sale day).  
Avionics: King KMD-150 Multi Function Display, King KX-125 Nav Com, King KT-76A Transponder, King KY-97A XCVR/XMTR, Vertical Card Compass.  
This is a very nice aircraft.



**1950 Beechcraft B-35 Bonanza, N-6FC S/N D2461,** 3,309 Hrs. T.T. Continental E-185-11 Engine 1,123 Hrs. S.M.O.H. 3 Hrs. S.T.O.H., Hartzell Mdl HC-A2X20-4A Prop 1,453 Hrs. Since New (July 08)  
Avionics: King KMA-20 Audio Panel w/3-Lite Marker, King KX-170B Nav Com, MAC-1700 Digital Nav Com, King KT-76 Transponder.  
One Piece Windshield, Beryl D'Shannon L/H & R/H Cockpit Side Windows, D'Shannon Extended Tail Cone, Air Conditioning, Beryl D'Shannon Tip Tanks, Fresh Annual.



**1968 Cessna 150H, N-7237S S/N 15067937;** 3,570 Hrs T.T., Continental O-200-A Engine 1,401 Hrs. S.M.O.H.  
Avionics: King KX-155 Nav Com, King KT-76A Transponder, Arnav R-30A Loran, Sigtronix SPA-400 Intercom.  
Wheel Pants, Interior & Paint (8).



**1957 Beechcraft H-35 Bonanza V-Tail, N-353B S/N D4971,** 6,905 Hrs. T.T., Continental O-470-G-C1 Engine 1,677 Hrs. S.M.O.H.  
Avionics: King KMA-20 Audio Panel w/3-Lite Marker, King KX-170B Nav Com, MAC-1700 Nav Com, Bendix BX-2000 Transponder, King KR-85 ADF, Northstar MI Loran.  
B&N Tail Stabilizer Supports, Smith Flap & Aileron Fairings & Seals, Beryl D'Shannon L/H & R/H Cockpit Side Windows, Stainless Steel Battery Box, Metal Instrument Panel, One Piece Windshield, Cleveland Wheels & Brakes. Note: Aircraft is out of annual at this time and will require a fairy permit to move. Aircraft needs minor sheet metal repair work around nose gear and new nose gear doors due to partial nose gear collapse. Nose gear has been repaired & gear swing done.

★ ★ ★ VEHICLES & FORKLIFTS ★ ★ ★



1981 Mercedes Benz 380 SL 8 cyl, Auto Transmission, A/C, Power Windows & Locks



1972 Mercedes Benz 280SE; 4 Door; AC; Automatic; 4 Cyl Gas Motor



Bombardier Sea-Doo 1990 Mdl Wave Runner; 2-Seater w/Trailer



Clark Mdl CFLR40 Forklift; Cap 4000 Lbs; Hard Rubber Tires; 13' Dual Stage Mast; Gas Engine  
(2) Dahon Folding Bicycles (Nearly New)



Hyster Mdl H120G Fork Lift; 11,000 Lb Cap; Diesel; 20' Dual Stage Mast; Side Shift Forks; Dual Front Tires



19' Aircraft Retrieval Trailer; Dual Axle; Overhead Chain Hoist & Trolley

★ ★ ★ CONTROL SURFACES ★ ★ ★

- (13) Cessna Ailerons including: Cessna 172; 180; 182
- (15) Cessna 172/180/182 Flaps
- Cessna 172 Rudder
- (4) Cessna 172 Vertical Fins
- (4) Cessna 182 Vertical Fins
- (4) Cessna 182 Elevators
- (2) Cessna 172 Elevators
- (2) Cessna 182 Horizontal Stabilizers
- (3) Cessna 150/152 Vertical Fins
- (4) Cessna 150/152 Elevators
- (2) Cessna 150 Straight Tail Rudders
- (4) Cessna 150 Straight Tail Vertical Fins
- (9) Cessna 150/152 Flaps

- (2) Cessna 170 Elevator
- Cessna 120/140 Flaps
- (8) Cessna 120/140 Elevators
- Cessna 140 Horizontal Stabilizer
- Cessna 120/140 Vertical Fin Rudder & Tail Wheel
- Beechcraft A-36 Vertical Fin & Rudder
- Bonanza Elevators
- Bonanza Ailerons
- Cessna 170 Rudder
- (2) Piper PA-28 Vertical Fins
- (2) Piper PA-28 Rudders
- (2) Bonanza Vertical Fins
- (8) Cessna 172/182 Lift Struts

★ ★ ★ PROJECT AIRCRAFT ★ ★ ★



**1946 Cessna 140 N-89230 S/N 8250,** 2,727 T.T. Continental Engine C-90-12F 837 Hrs. S.M.O.H.146 Hrs. S.T.O.H.  
Note: Aircraft is in the process of being refurbished. Wings have been repaired, recovered & painted within last year. Aircraft and all surfaces have been repainted in the last year. All of the rest of the aircraft cables, etc. have been gone through. Aircraft needs a prop and some instruments, interior work, and final assembly. Aircraft is approx. 90% completed.



**1958 Cessna 175, N-9449B S/N 175/55249,** 2,015 Hrs T.T.  
Note: Aircraft is being sold with no engine. Wings were removed and aircraft hauled in. Last annual done 12/06. Has Long Range Tanks, Auto Gas STC, Log Book #1. Missing Logs start in 1979 with 1,232 Hrs., Needs Prop.



**1956 Cessna 182, N-5448B S/N 18233448,** 3,859 Hrs. T.T.  
Note: This Aircraft was in the process of being converted to a Tail Dragger. The rear tail cone has already had the work to convert it done, and the Stinger & Tail Wheel will be sold with the project as well as a C-180 Tail Cone. Floor boards are out and some work was being done to the main gear box area and will include some new parts. Wings are in good condition. All Surfaces are with the aircraft. Some of the Control Surfaces and Cowling have been stripped and primed. Project will be sold less Engine, Prop, Avionics and some small parts.

★ ★ ★ DOORS ★ ★ ★

- (6) Cessna 180/182; 1953-1957 L/H & R/H Cabin Doors; Good Condition Complete w/Hinges; Latches
- (2) Cessna 1965; 182 Cabin Doors
- (4) Cessna 172 Cabin Doors
- Cessna 170B Cabin Door
- (4) Cessna 120/140 Cabin Doors
- Piper PA-28 Cabin Door
- PA-12 Door
- (2) Bonanza Rebuilt Out Board Gear Doors

★ ★ ★ J-3 & MISC ★ ★ ★  
FABRIC SURFACES

J-3 Cub Control Sticks; J-3 Control Surfaces  
Misc J-3 Airframe Inv: Instruments; Brackets; Fittings; Wing Hardware & Fittings  
PA-12 Tail Feathers  
Federal J-3 Cub Snow Skis; Mains Only

★ ★ ★ AIRFRAME INV. ★ ★ ★

- (40) Cessna, Piper & Beech Spinners & Backing Plates
- (20) Cessna & Piper Wheel Pants
- (35) Wing Tips
- (8) New Throttle & Mixture Control Cables
- Cessna 172/182 Droop Wing Tips
- Cessna 170 Rudder Pedals & Control Yokes
- 4130 Tubing
- (4) Cessna 150 Lift Struts
- (2) Cessna 120/140 Door Post/Wing Carry Throughs
- 1948 Cessna 140 Firewall
- Cessna & Piper Rudder Pedals
- Beechcraft; Cessna & Piper Steps
- Misc New Cessna Skins
- Beechcraft, Cessna & Piper Tail Stingers
- New & As Removed Cessna Wing Ribs; Spars; Skins; Seat Track; Formers
- Fuel Caps; Pulley's; Wheel Part Brackets; Control Surface Tips; Lift Strut Fairings; Fuel Primers; Cessna & Piper Steps



## ★ ★ ★ SHOP EQUIPMENT ★ ★ ★



Big Red Mdl BRA 618V Vertical Air Compressor; 6 HP; Single Phase; Dual Stage; 80 Gal Tank



Ingersoll Rand 242-5N Vertical Air Compressor; 5 HP; Single Phase Motor; Dual Stage; 80 Gal Tank



Juki Mdl LU-562 Commercial Sewing Machine  
Power Tow Aircraft Mover w/Tecumseh 5 HP Gas Engine  
TWS 16 Spd Floor Model Drill Press  
Central Machinery Bench Top Drill Press  
All Trade 5 Spd Bench Top Drill Press  
Oxygen Acetylene Torch, Bottles & Cart  
Lincoln Mdl AC-225-5 Arc Welder; 225 Volt  
Horizontal Band Saw  
AC 50 Corrosion Treatment Sprayer w/ Pump & Wand  
Larin 2 Ton Hydraulic Engine Hoist  
MTD Lawn Mower Tractor; 12 HP; 7 Spd; 38" Cut  
Coleman Generator w/Briggs & Stratton; 5 HP; Gas Motor; 2250 Watts  
Portable Air Compressor w/Briggs & Stratton 3 HP Gas Engine  
Gas Chop Saw  
(3) Chain Saws



(4) Meyer 24" Aircraft Jacks; 3 Ton Capacity w/All Extensions  
Central Machinery Mdl SKU-T5907 All-In-One Sheet Metal Working Machine; 30" Shear; Press Brake; Slip Roller  
Heavy Duty Variable Spd Bench Top Drill Press  
Vixen Spark Plug Cleaner Tester  
Pressure Washer  
Schumacher 6/12 Volt Battery Charger  
Chicago Electric Parts Washer; 20 Gal  
Pneumatic Strut Pump  
(2) Dayton 150,000 BTU Kerosene Heater  
Hein-Warner 4 Ton Porta-Power Set  
Hein Warner 1 1/2 Ton Floor Jack  
Ryobi & Stihl Gas Weed Eaters  
Rigid 16 Gal Wet/Dry Shop Vac  
Craftsman 6" Bench Grinder  
Sev Bench Vices & Bench Grinders  
Sev Single Engine Aircraft Tow Bars  
Shop Lights; Extension Cords; Air & Water Hose  
Engine Build Up Stand  
Misc Slings; Ropes & Cables



Gray Portamatic 200 Pneumatic Bumper Jack  
(3) Magnaflux HT-100 Eddy Current Hole Scanner w/Magnaflux ED-520 Eddy Current Panel



CSPS 12 Drawer Bottom & 8 Drawer Top Box



Snap-On 30 Gal Parts Washer/Degreaser



Dayton Mdl 32849 Blast Cabinet

## ★ ★ ★ HAND TOOLS ★ ★ ★

4 Sets of New Beech Wing Wrenches  
Sev Continental/Lycoming Cylinder Base Wrenches

Central Cylinder Bore Gauge  
Starrett Micrometers; 1-6"  
Telescoping Gauges  
Starrett Depth Micrometers

Magnetic Dial Indicator Bases & Dial Indicators  
(2) Eastern Timing Indicators  
ACU Test Box

Support Systems Mdl 647 Alternator Test Set  
Eastern Mdl E-5 Cable Tester  
Magneto Synchronizers

ACMI Mdl B-99A Rigid Borescope; 18"  
Cylinder Ball Hones & Expendable Hones  
Piston Ring Compressors

Valve Spring Compressors  
Piston Ring Cutters  
Piston Ring Grooves

Blue Point BK 100 Borescope Kit  
Snap Ring Pliers  
Metric Stud Removers

Torque Wrenches  
Dy Check Kit  
Exhaust Tube Expander

Slide Hammer Pulleys Set  
Right Angle Drills  
Die Grinders

Air Ratchet  
(6) Pneumatic Rivet Guns  
Pneumatic Saws

Pneumatic Impact Guns; 3/8 & 1/2"

Cherry Hand Rivet Puller  
Rivnut Tools

Blind Rivet Guns  
(3) Rivnut Pullers

New Bucking Bars  
Rotary Files

New Rivet Sets; Flush  
Good Selection of Hole Finders  
(6) Whitney Hole Punch Sets

Pneumatic Shear  
Rivet Sets

Pneumatic Drills  
Rivet Cutters; Bucking Bars

Sev Sheet Metal Snips  
Clecos

Cleco Pliers  
(6) Pneumatic Air Vac's

Safety Wire Pliers  
Turn Buckle Adjusting Tools  
Sheet Metal Rivet Bins/Totes

Pneumatic Paint & Touch Up Guns  
Brake Bleeder Pot

Whitney #5 Sheet Metal Punch Set  
Tubing Flaring Tool

Hose Mandrels  
Parker Beading Tools

CPS Mdl L-780 Leak Detector  
Sev Tap & Die Sets

Boroughs Mdl 6T-33-750 Cable Tension Gauge  
(2) Pneumatic Staplers

Snap-On Ratchet Wrenches; Snap-On & Craftsman Combination Wrenches; Snap-On Crows Feet; Pliers; Channel Locks; Side Cutters; Needle Nose Pliers; Vice Grips; Safety Wire Pliers; Punches; Chisels; Metal Files; Oil Filter Cutters; Crescent Wrenches; Ball Pen Hammers; Dead Blow Hammers; Claw Hammers; Cylinder Differential Pressure Testers; Tubing Cutters & Flaring Tools

1/4, 1/2 & 3/4: Drive Socket Sets. Sev including Breaker Bars & Ratchets; Deep Well; Regular; Swivel Head. Includes Snap-On Mac; Craftsman & Misc

Slotted & Phelps Screw Drivers  
C-Clamps & Welding Clamps

Craftsman Reciprocating Saw  
Makita & Misc Cordless Drills  
Skill 4" Grinder

Electric Drills; Jig Saws & Sanders  
Soldering Guns

Schauer 24 Volt Battery Charger  
Sev Aircraft Jumper Cables

Sev Allen Wrenches  
(2) High Pressure Tire Gauges

Cooling System Pressure Tester  
Jack Points

Bolt Cutters

Pneumatic & Manual Grease Guns  
Gas Cans

Skill 4" Electric Sander  
Air Conditioning Gauges

Misc New & Used Sheet Metal/Jig Clamp  
Beechcraft Tow Bar

9" Electric Grinder; New Tool Belts  
New Nut Drives & Crimping Tools

New Face Shields; New Scott Respirator Systems  
w/Full Face Masks

Gas Powered Sawzall  
Pneumatic Solvent Guns

## ★ ★ ★ ELECTRICAL ★ ★ ★

(12) Hoskins Aircraft Burglar Alarms

New Grimes Lights; Miniature Bulbs; Circuit Breakers; Toggle Switches

Grimes Cockpit Light

Strobes; Beacons; Solenoids; Miniature Bulbs; Sealed Beams; Grimes; Bulbs; Voltage Regulators  
Ignition Switches; APU Plugs; Nav Lights; Beacons; Strobes; Circuit Breakers; Interior Lights

## ★ ★ ★ FUSELAGES ★ ★ ★

(2) Cessna 150 Fuselages on Main Gear w/Bill of Sales & Logs

Cessna 152B Fuselage on Landing Gear

Cessna 182 Fuselage on Main Gears

Piper PA-28-180 Fuselage Complete

Cessna 182 Damaged Tail Sections

Cessna 182 Tail Cone

Complete Cessna 152 Tail Section



## ★ ★ ★ WINGS ★ ★ ★



(2) Cessna 170/172 Good Wings

1 Set Cessna 152 Long Range Wings (Minor Damage)

(2) Piper PA-28-180 Wings Outboard Damage

(3) Cessna 150 R/H & L/H Wings; Light Damage

(8) Cessna 150/152 Damaged Wings

Cessna 182 Wings (3each) for Parts; includes Early

## ENGINE MOUNTS

RV-8 Engine Mount

Cessna 172 O-320 H2AO Engine Mount

Various Other Engine Mounts

## SEATS & INTERIOR

2 Sets Cessna Articulating Seats

Misc Cessna Seats including Articulating

20 Sets of New Seat Belts; Metal to Metal

## ★ ★ ★ PROPELLERS ★ ★ ★

Mooney M20R Propeller; 3 Blade; Mdl McCauley

3A2L418-C; 1379 Hrs TTSN; Engine Mdl IO-550

McCauley Variable Spd 2 Blade Prop; Mdl 2A34203-B

Hartzell Variable Spd 2 Blade Prop; TCP27EAB; F7663A-4

McCauley Variable Spd 2 Blade Prop; Mdl C2A34C204-C; Removed from Cessna 182

McCauley Bonanza B35 O-470 Prop Hub

(5) McCauley Fixed Pitch Props includes Mdl 1C160DTM7557; (2) 1A103TCM6958; 1A170EFA7565; 1B175MFC8467

(5) Sensenich Fixed Pitch Props includes (2) M76AM-2; M76EMMS-0-60; 72CK-0-58; 74DM6-0-58

Hartzell 5 Blade Prop Hub



## ★ LANDING GEAR, WHEEL & BRAKE INV. ★

(2) Cessna 182 Nose Gears

Cessna 172 Nose Gear Barrel & Trunnion

Misc Cessna 150/152/172/182 Nose Gear

Barrels; Forks; Trunnions; Spring Gears

(4) Beech Main Gear Assys includes Late Style

(2) Beech Bonanza Nose Gears

Set of J-3 Cub Landing Gear

(2) Bonanza Main Gears

Bonanza Nose Gear

Cessna 182 Stiff Leg Main Gears

Cessna Landing Gear Barrels

Cessna Firewall Fittings

Cessna 120/140 Tail Wheel

(3) Tail Wheel Assys

5" / 6" Wheel & Tire Assy

5" / 6" Wheels & Halves

Several Brake Calipers

Brake Disks; Calipers; Master Cylinders; Brake

Linings; Axles; Wheel Bearings

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★ ★ ★ COWLING ★ ★ ★

Cessna 150G Complete Cowl  
Cessna 150 Complete Cowling w/Nose Bowl Damage  
(2) Cessna 172/182 Top Cowls  
(2) Cessna 210 Top Cowls

Cessna 172/182 Top Cowls  
Cessna 150/152 Top & Bottom Cowl  
Cessna 140 Nose Bowl  
Bonanza Top Cowl  
Cessna 150 Nose Bowl  
New Cowl Skins

★ ★ ★ FUEL TANKS ★ ★ ★

(6) Cessna 150/152 Fuel Tank  
(4) Cessna 172 Fuel Tanks  
(2) Cessna 120/140 Fuel Tanks

(2) Piper Wing Fuel Tanks  
Cessna 170 Fuel Tank  
Cessna Fuel Tank Covers

★ ★ ★ EXHAUST ★ ★ ★

New Power Flow System Extractor Exhaust System for Cessna 172, 175 (OH) Baron 55 Exhaust System  
Misc As Removed Mufflers & Exhaust Pipes (Good Condition)

★ ★ ★ ACCESSORIES ★ ★ ★

(48) Magneto Cores; Bendix & Slick 4 & 6 Cyl Lg Selection of Disassembled Magnetos  
(27) Carburetors includes MA-3SPA, MA-4SPA & MA-4-5 (Some OH)  
(5) Pressurized Carburetors  
(8) RSA-10; RSA-5 Fuel Injection Servos  
10+ Flow Dividers  
(30) Starter Cores including 12 & 24 volt, Prestolite, Delco, Cont & Lite Weight  
(22) Alternator Cores Some Overhauled

(2) Starter Generator Cores; Lear Siegler Mdl 23046-007  
(6) Generator Cores  
Good Selection: NAS-3A Carburetors  
Several Fuel Pumps: Lear Siegler; Weldon; Continental; Dukes; Manual  
(15) Prop Governor Cores, McCauley, Hartzell & Woodward  
(18) Wet/Dry Vac Pumps  
Misc Oil Coolers

★ ★ ★ MANUALS & AVIATION BOOKS ★ ★ ★

Sev Beechcraft, Cessna & Piper Maintenance & Parts Manuals; Continental & Lycoming Parts & Maintenance Manual; Janes Aircraft Encyclopedias; The Giant Book of World War II Airplanes; Sev Different Aircraft Reference Books; King Avionics Manuals

★ ★ ★ MISCELLANEOUS ★ ★ ★

Misc New Tires; Tubes; High & Low Pressure Hose; Scat Hose; Throttle & Mixture Cables  
New Air Filters; Pneumatic Filters; Oil Filters; Fuel Filters  
Portable Sky Oxygen System  
20+ Hand Carved Wood Aircraft Models to include: Corsair F4U; Robinson R22 Helicopter; Piper PA-28; Ercoupe Mdl 415; Beech Staggar Wing; Tri-Pacer

★ ★ ★ AVIONICS & INSTRUMENTS ★ ★ ★

Mac 1700 Nav/Com  
Garmin GNC 300XL GPS  
King KA134 Audio Panel  
ARC RT-359A Transponder  
King KX-99 Hand Held Radio  
King KLN89B GPS  
ARC RT-385A Nav/Com  
Narco AT-50-A Transponder  
(2) Narco DME 190

Narco Com 811  
(2) TKM MXII Comm  
King KMA-12 Audio Panel  
Narco Com 11A  
Narco ADF 140  
TKM MX385 Nav/Com  
Garmin GMA 340 Audio Panel  
New & Used Head Sets; Good Selection

Instruments: (50-60) Manifold Press; Altimeters; Fuel Gauges; Turn & Banks; Rate of Climb; Tacks; Cluster Gauges; Gyros; ADF Indicators; Suction Gauges

★ ★ ★ NEW HARDWARE ★ ★ ★

Various Assortment of New Cherry Rivets  
Approx 20 Bags of New Nut Plates  
Various Bags of Solid Rivets including AN3 & AN4  
Various Bags of New Rod Ends & Turn Buckle Inv  
Various Bags of NAS Bolts (NEW)

Bags of Various Sizes of Nuts (NEW)  
High Temp Adel Clamps  
Safety Wire; New Cams  
Sev Bags of New Blind Rivets  
Various Bags of New Stainless Screws  
Bags of Mixed New Assorted Hardware

★ STORAGE CONTAINERS & SHELVING ★

(5) 20’ Sea Going Shipping/Storage Containers  
Sev Sections of Lyonn/Royal Metal Shelving; 18”x36”x7’ H & 36”x36”x7’ H; Commercial Grade Two Door Metal Cabinets

**AUCTIONEER’S NOTE:**  
Harry Malette, Owner of HLM Air Services has passed away and his widow has therefore contracted with Starman Bros. Auctions to liquidate all assets of the Company. This auction offers some nice Flying Aircraft and Projects as well as a full line of Shop Equipment, Tools, and Vehicles. Also included is a large selection of Engines and Engine Inventory, Airframe, Etc.  
  
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.

**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.

★ ★ ★ ENGINES ★ ★ ★

Lyc O-360-A4M Engine; 648 SMOH; Normal Pull Off w/Logs  
Lyc O-320-D3G Engine; Appears to be (OH); No Overhaul Paperwork; Old Log Books  
Lyc IO-360-B1E Engine Core; 1501 SMOH w/Logs  
Lyc O-360-A4J Engine Core; Run Out; Some Accys w/Logs  
Lyc O-360-A1AD Engine Core; No Logs; Some Paperwork; Says Normal Pull Off  
Lyc O-320-E2D Engine Core; 2495 SMOH; No Damage  
Lyc IO-360-BIE Engine Core; 1192 SMOH; Some Accy; No Damage  
Lyc O-320-B2C; 1213 Hrs TT; Some Accys; Some Damage; Off Robinson R-22 Heli W/Logs  
Lycoming O-360-A4A Engine Core  
Lyc O-360-A1H6 Partial Engine Crank Case; Shaft; Cam & Sump; No Cylinders  
(2) Lyc O-320 Engine Core; No Accys; Some Damage; No Logs  
Lyc IO-320 Engine Core; No Damage; Some Accys; No Logs  
Lyc O-320 Engine Core; ND Cyls; No Sump or Logs  
Lyc O-235-L2C Disassembled Engine Less Crank Shaft  
Cont TSIO-360-F Engine Core; 1537 Hrs SMOH; Normal Pull Off w/Logs; All Accys  
Cont O-470-L Engine; TT SMOH 585 Hrs; Most Accys & Mount for C-182 Minor Damage w/Logs  
Cont O-470-L Engine Core; 1674 TSOH; Last Flown 1997; Off C-182 w/Logs  
Cont O-470-R Engine Core; 348 Hrs SMOH; Off C-182; Some Accy; Minor Damage w/Logs  
Cont O-470-L Engine Core; 930 Hrs SMOH; Crash Damage  
Cont IO-550-N Engine Core; S/N 686730; Heavy Crash Damage; No Logs  
Cont IO-520 Engine Core; Crash & Fire Damage; No Logs  
Cont IO-520 Engine Core; Front Alt; Crash Damaged  
Cont O-300-C Engine; 102 Hrs SMOH; Normal Pull Off w/Logs  
Cont O-200-A Engine Core; 1616 Hrs SMOH w/Logs  
Cont A-65-8 Engine Core; 727 Hrs SMOH w/Logs  
Cont C-75-12 Engine Core; 4889-7-12 All Accys; Appears to have No Damage  
(2) Disassembled Cont G0-300 Engine

★ ★ ★ GARRETT TURBINE ENGINES ★ ★ ★

(1) Garrett TPE 331-6-252M Turbine Engine S/N P20158, 3,956 Hrs. T.T., Total Cycles 5,233  
(1) Garrett TPE 331-6-252M Turbine Engine, 4,409 Hrs. T.T., Total Cycles 2,526  
Note: Both engines are off an MU-2B-25 Aircraft that had crash damage. Both Engines were totally disassembled for inspection and will be sold that way. Both engines have log books.

★ ★ ★ OVERHAULED CYLINDERS ★ ★ ★

(7) Lyc IO-360 (OH) Cylinder Assemblies, Angle Valve; Wide Deck  
(13) Lyc 360/540 (OH) Cylinder Assys  
(4) Lyc 360 Reworked Cylinder Assys  
(7) Lyc 360 Cylinder Assy (OH)

(4) Lyc O-320-H2AD (OH) Cylinder Assys; P/N LW-15318  
(4) Lyc 320 Reworked Cylinder Assys  
(10) Cont 470 Reworked Cylinder Assys  
(3) (OH) Cont O-200 Cylinders  
(4) New Cont C-145 Cylinder Assys

★ ★ ★ CYLINDER CORES ★ ★ ★

(16) Lyc 360/540 Cylinder Cores  
(10) Lyc O-320 Cylinder Cores  
(6) Lyc O-235-L2C Cylinder Cores

(15) Cont 520 Cylinder Cores  
(15) Cont 65/85/200 Cylinder Cores  
(15) Cont E-Series Cylinder Cores

★ ★ ★ CRANK CASES ★ ★ ★

Lyc IO-360 Crank Case; (Repaired)  
Lyc O-360 Crank Case (OH)  
(6) Lyc 320/360 Crank Case Cores  
Lycoming O-320 Narrow Deck Case

Continental E-Series Crank Case Core  
Cont O-200 Crank Case Core  
A-65 Crank Cases

★ ★ ★ CRANK & CAM SHAFTS ★ ★ ★

(2) Lyc O-360 A4M (OH) YT Crank Shafts  
Lyc O-360-A4A (OH) Crank Shaft  
(2) Lyc O-360 (OH) Crank Shafts  
Lyc O-235 L2C Reworked Crank Shaft  
O-320E2D Crank Shaft (Yellow Tag)  
O-320 E2D Partial Rework Crank Shaft  
Lyc HIO-360 Crank Shaft; Inspected  
IO-360 Crank Shaft (AR)

O-360 (AR) Crank Shaft  
Lyc O-320 H2AD Crank Case (AR)  
Lyc HIO-360 Crankshaft w/ Rods (AR)  
(2) Lyc O-320 Crank Shaft Core  
Lyc O-235 Crank Shaft Core  
(2) Lyc Crank Shaft Cores  
(5) (OH) Cam Shafts to include: LW18840; 76098  
(10) Cam Shafts (AR) Lyc & Cont

★ ★ ★ ACCY CASES & SUMPS ★ ★ ★

(18) Lycoming Accy Cases, 235, 320, 360  
(22) Lycoming Sumps O-235, 320, 360

(4) Continental Accy Cases

★ ★ ★ ENGINE INV. ★ ★ ★

(10) Starter Ring Gears  
Several New & Serviceable Continental & Lycoming Pistons  
New & Used Continental & Lycoming Engine Inv/Push Pull Rods; Push Rod Housings; Lifters; Tappets; Rocker Arms; Through Bolts; Connecting Rods; Rocker Box Covers; Connecting Rod Bearings; Crank Shaft Bearings; Piston Pins; Intake; Connecting Rod Bolts; Gaskets; Lycoming Oil Pump Gears; Cam Drive Gears; Misc Internal Gears; Piston Rings; Crank Shaft Seals; Intake Flanges; Accy Mounts  
Cont 65/85 Inv to include: Cylinders; Kidney Sumps; Engine Cases; Intakes; Intake Spiders; Accy Cases; Push Rods; Push Rod Housings; Internal Gears

(3) Lycoming Accy Drives

**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.

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