



AOPA's Aviat Re-imagined 152s & Yingling Ascend 172

FOR SALE

Previously refurbished and overhauled, with new paint and interiors.

Three (3) Cessna 152s

One (1) Cessna 172



AOPA's Ambassador Aircraft



AOPA is retiring its Ambassador fleet.

“Re-imagined” Cessna 152s were refurbished and overhauled about 5 years ago, with new paint jobs and interiors by Aviat Aircraft.

These airplanes have been meticulously cared for.

AOPA's Ambassador Aircraft



Price list

Aircraft N-number	Model	Price	Year Refurbished	Year MFG	SMOH	Airframe hours	Engine hours	Avionics & Equipment summary
N104UC	C-152	\$99,000	04/07/16	1981	286	14,850	284	Garmin GTN 650, GTX 345 transponder
N106UC	C-152	\$101,000	11/10/16	1981	103	10,555	6223	Garmin GTN 650, GTX 345 transponder, Long Range fuel tanks
N105UC	C-152	\$102,000	12/14/14	1985	112	7,475	7475	Garmin GTN 650, GTX 345 transponder
N172UC	C-172	\$195,000	03/12/15	1979	1102	3,102	3102	Garmin G5s (2), GTN-650 GMA-345 GTX 345 GTN 635 Garmin GTR-225 JPI EDM-830 Engine Monitor

Cessna 152 - N104UC: \$99,000



Year of Manufacture: 1981
Refurbishment completed on
04/07/16

- Airframe: 14,850
- Engine: 286
- SMOH: 286

Avionics:

- Garmin GTN 650 NAV/COM
- GTX 345 transponder
- Spidertracks system installed
 - Real-Time Aircraft Tracking & Flight Watch
 - Charges apply to Iridium satellite usage



Cessna 152 - N105UC: \$102,000



Year of Manufacture: 1985

Refurbishment completed on 12/14/14

- Airframe: 7,475
- Engine: 7475
- SMOH: 112

Avionics:

- Garmin GTN 650 NAV/COM
- GTX 345 transponder
- **Spidertracks system installed**
 - Real-Time Aircraft Tracking & Flight Watch
 - Charges apply to Iridium satellite usage



Cessna 152 - N106UC: \$101,000



Year of Manufacture: 1981

Refurbishment completed on 11/10/16

- Airframe: 10,555
- Engine: 6223
- SMOH: 103

Avionics:

- Garmin GTN 650 NAV/COM
- GTX 345 transponder
- **Spidertracks system installed**
 - Real-Time Aircraft Tracking & Flight Watch
 - Charges apply to Iridium satellite usage



The Aviat Restoration Process (see refurbish date for when completed)

Disassemble aircraft: remove wings, control surfaces, wheel pants, wing tips, horizontal stabilizer, stabilizer tip, trim tab, flaps, hinges, lights, cockpit plexiglass, doors, seals and weather stripping, fairings, instruments, instrument panel, firewall insulation, all wiring, seats, carpets, and interior panels. Conduct a complete and detailed inspection to airworthiness standards of assemblies and components. All assemblies, parts, and components are brought to meet or exceed industry standards and quality specifications. New manufactured parts and components, re-manufacture, overhaul or rebuild.

Avionics, Electric, Instrument, and Panel

- Inspected all instruments: refurbished, overhauled, or replaced with new instruments
- New fluid compass
- New Hobbs hour meter
- New circuit breakers
- New wiring harnesses
- New metal upper instrument panel, lower panel painted
- New placards
- Anti-collision lighting

Engine, Prop, and Firewall Forward

- Removed all components firewall forward
- Overhauled engine – Only flight test and delivery time since overhauled
- Replaced all wiring
- Rebuilt nose strut
- New battery
- New voltage regulator
- New lightweight starter
- Rebuilt carburetor
- New throttle cable
- New carb heat cables
- New fire sleeve on fuel and oil lines
- New engine baffles
- Cowl seal as required and new fasteners
- New engine mounts
- New alternator
- New magnetos
- New vacuum pump
- New exhaust manifolds, muffler, heat shroud
- New cooling seals
- Propeller new or zero time since overhaul

Airframe

- Stripped old paint, completely primed and painted exterior
- Interior headliner
- Interior panels
- D door seals
- Restored or replaced control yoke, bushings, and bearings
- Rebuilt cabin vent system
- Seat hardware
- All new Carpet
- All plexiglass windows inspected, replaced or reconditioned
- All new Upholstery
- All new or reconditioned exterior plastic, fairings, etc.
- Stainless steel hardware where allowed on exterior
- New seat belts and shoulder harnesses
- Removed all control cables, inspected and replaced with new as required
- Replaced all control cable bushings, bearings, seals with new components
- Inspected, cleaned and polished pitot and fuel vent
- Replaced all non-metal fuel lines with new
- Replaced fuel caps, seals, and retainer as required

Cessna 172 - N172UC: \$195,000



Ascend **172**
by Yingling

Model year: 1979
Refurbished in 2015

- Airframe: 3,102
- Engine: 3,102
- SMOH: 1102



The Yingling Restoration Process (completed in 2015)

The Ascend 172 remanufacture is far more than some new paint and radios. It's a comprehensive and rigorous process that includes extensive disassembly, inspections, replacement of old parts with new ones, overhauls (including the engine, propeller and landing gear), renovations and updates that amount to a virtual transformation. Yingling follows a proven and well-defined system for identifying and acquiring suitable aircraft for inclusion in the Ascend 172 program. These airplanes are thoroughly inspected for structural integrity and stripped to the bare metal to eliminate the possibility of corrosion prior to being refinished and repainted. All new digital gauges, radio, navigation systems and analog flight instruments are part of an interior upgrade that also features restyled seats, glare shield and side panels, headliner, carpet and center console. Two new exterior appearance packages and a distinctive signature paint scheme set the Ascend 172 apart from other aircraft on the ramp.

Avionics



- Garmin G5 – Electronic Attitude Indicator
- Garmin G5 – Electronic HSI
- Garmin GTN-650 GPS/NAV/COMM/MFD
- Garmin GMA-345 Audio Panel

- Garmin GTX 345 Mode S Transponder
- GTN 635 NAV/COM
- Garmin GTR-225 COM
- JPI EDM-830 Engine Monitoring/Advisory

The Yingling Restoration Process

Avionics and Equipment

- Garmin G5 – Electronic Attitude Indicator
- Garmin G5 – Electronic HSI
- Garmin GTN-650 GPS/NAV/COMM/MFD
- Garmin GMA-345 Audio Panel
- Garmin GTX 345 Mode S Transponder
- GTN 635 NAV/COM
- Garmin GTR-225 COM
- JPI EDM-830 Engine Monitoring/Advisory
- Aerospace Logic Digital Engine Instruments – TSO'd & STC'd
- SIRS Navigator Wet Compass
- All NEW Metal Custom Fit Instrument Panel

The Yingling Restoration Process (completed in 2015)

Cockpit and Cabin

- Restyled seats, glareshield and side panels.
- New headliner, carpet and center console, new hardware.
- All flight instruments replaced with new.
- All new digital engine instruments.
- Removed old avionics and installed new Comm, Intercom, and Transponder.
- All instrument and sub-panels replaced with new custom fit panels.
- New Pitot-Static and Instrument air lines.
- All new circuit breakers, wiring, and switches
- Leather-wrapped control wheels
- Leather seats w/double stitching
- Dual air vents (Door pillar)
- Rosen sun visors

The Yingling Restoration Process (completed in 2015)

Firewall Forward

- Completed engine overhaul and dyno-tested.
- Completed propeller overhaul, paint, and balance.
- Engine truss, NDI tested and rebuilt as needed.
- All new engine accessories (starter, alternator, vacuum pump, regulator).
- All new engine mounts.
- Muffler and tail pipe replaced with new.
- All engine control cables replaced with new.
- All engine baffling replaced with new.
- Engine cowlings rebuilt and installed with new shock mounts & hardware.
- All wiring replaced with new.

The Yingling Restoration Process (completed in 2015)

Fuselage

- Landing gear removed, cleaned, NDI inspected, and rebuilt.
- All new brakes and brake hoses. New tires & tubes.
- New fuel tank gaskets
- New windshield
- All cabin and door windows replaced with new. All door seals replaced with new.
- All new fluid hoses, air hoses, and filters.
- All new control cable pulleys. All control cables completely inspected & replaced as needed.
- All flight controls rebuilt as needed.
- All control surface attachment hardware replaced with new. Wing, horizontal, and vertical tips replaced with new.
- All new wiring and antennas.
- Completely stripped to bare metal and painted with Ascend paint scheme.