



HARTZELL PROPELLER INC.

2017

TRAINING CLASS SCHEDULE

AND RESERVATION FORM

Students are required to read, speak, and understand English.

Customer training by Hartzell Propeller is conducted in Piqua, Ohio at our state-of-the-art manufacturing facility. Classroom instruction includes theoretical and practical approaches in addition to applicable “hands-on” instruction. Class sizes are maintained at a level that encourages individual participation.

Reservation forms and fees should be submitted as soon as possible. Due to the high demand for some of the classes, spaces are filled on a “first come first served” basis. A “waiting list” is available.

- (1) If multiple attendees are registered from a single facility, reservations will be honored, but Hartzell may require your facility to cancel one or more of your proposed attendees in order to assure attendance from as many facilities as possible.
- (2) Reservations must be received no later than 30 days prior to the class start date.
- (3) Training fees will be invoiced upon Hartzell's acceptance of the reservation and must be paid in accordance with the facility's payment terms with Hartzell.
- (4) All students are subject to security screening and must provide Hartzell with a scanned copy of photo identification no later than 30 days prior to class start date.
- (5) Please notify Hartzell Propeller of attendance cancellations at least two weeks in advance of the class or a 50% cancellation fee will apply.
- (6) Classes may be added or cancelled at the discretion of the training department. At least 30 days notice will generally be given, if a class is to be cancelled. If applicable, deposits will be refunded or credited for a future class.
- (7) A class with an insufficient number of registered attendees will be cancelled 2 weeks before the beginning of the class.

Training will take place at the manufacturing facility located at One Propeller Place, Piqua, OH 45356.

Piqua is approximately 20 miles (32 kilometers) north of the Dayton International Airport.

Transportation arrangements can be made with a rental car agency (Budget, Avis, Alamo, Hertz, or Dollar) at the airport. **There is no public transportation available in Piqua.**

- (1) Class attendees will be met in the main lobby of Hartzell Propeller at approximately 8:50 a.m.
- (2) Classes typically end between 4:00 and 5:00 p.m.
- (3) Please do not schedule departing flights before 6:00 p.m. on the last day of the class.

Hotel accommodations may be made by Hartzell Propeller for confirmed attendees by indicating your choice of hotel when sending in your confirmation information. Refer to the list of recommended hotels.

Customer on-site training may be available on request, and is subject to instructor availability. Travel expenses, per diem, and class fees may apply in these cases. Customer on-site training class fees are \$1,800.00 USD per day, including travel time. Customer is also responsible for shipping costs of all related training tools, equipment, and supplies. All pricing is subject to change without notice.

Contact Hartzell Product Support at training@hartzellprop.com to inquire about on-site training.

Recommended Hotels:

Fairfield Inn & Suites

(937) 332-1446

- Complimentary breakfast bar
- Indoor/Outdoor pool and whirlpool
- Television/HBO
- Complimentary Wired & Wireless Internet
- Shuttle service to/from airport and Hartzell facility
- Fitness room
- Restaurants and shops nearby

Residence Inn

(937) 440-9303

- Complimentary breakfast bar
- Complimentary evening social hour (Mon-Fri)
- Complimentary Wired & Wireless Internet
- Fully equipped kitchens
- Complimentary grocery shopping service
- Television/HBO
- Outdoor/Indoor pool
- Shuttle service to/from airport and Hartzell facility
- Fitness room and Basketball court
- Restaurants and shops nearby

Comfort Inn

(937) 778-8100

- Complimentary breakfast bar
- Complimentary wired & wireless Internet
- Indoor pool and whirlpool
- Television/HBO
- Attached to Miami Centre Mall
- No shuttle service

* If shuttle service is required we recommend Fairfield Inn or Residence Inn.

Hotel rates are subject to change.

2017 Training at a Glance

February

Five Blade Lightweight Turbine Propeller Familiarization with Composite Blade Minor Repair, 14th - 17th

Legacy and ASC II Composite Blade Overhaul, Major Repair and Recertification, February 28th - March 3rd

March

Dornier DO328 Propeller Familiarization with Composite Blade Minor Repair, 27th - 31st

May

Steel Hub Turbine Propeller Familiarization, 17th - 18th

June

Lightweight Propeller Familiarization with Composite Blade Minor Repair, 26th - 30th

August

Legacy and ASC II Composite Blade Minor Repair, - 16th - 17th

September

Legacy and ASC II Composite Blade Overhaul, Major Repair and Recertification, 11th - 14th

October

Compact Propeller Familiarization, 16th - 18th

November

Legacy and ASC II Composite Blade Minor Repair, 8th - 9th

5 Blade Lightweight Turbine Propeller Familiarization and Composite Blade Minor Repair

February 14th - 17th (Tuesday - Thursday)

Class enrollment is limited to 6 persons with a 4 person minimum.

Attendee Prerequisites:

Familiar with aircraft maintenance procedures and practices.
Propeller Repair Station or aircraft operator affiliation.

The first two days of the course provides hands-on propeller assembly and disassembly. The last day of the course provides blade field maintenance including de-ice boot installation and removal.

Topics and Training

Objectives

Days 1 and 2

Propeller Components and Operation	Familiarization With The Individual Propeller Components and Their Specific Operation
Propeller Disassembly	Understanding Required Procedures for Propeller Disassembly
Propeller Assembly and Set-up	Present Required Tooling And Procedures Demonstrate Propeller Assembly and Set-up
Propeller Maintenance & Repair	Present Specific Line Maintenance Procedures And Periodic Inspections Requirements
Service Information	Discuss Service Information Affecting Lightweight Turbine Propellers

Day 3 & 4

Composite Blade Inspection	Determine Airworthy vs. Non-Airworthy Damage
Allowable Field Repairs	Perform Hands-on Repair of Minor Damage
De-ice Boot	De-ice or Anti-ice Boot Installation De-ice or Anti-ice Boot Removal

Class Fee:

The fee for this class is \$3,000.00 USD. 50% of payment must be received 30 days before class date.

Legacy & ASC II Composite Blade Overhaul, Major Repair and Recertification

February 28th - March 3rd (Tuesday - Friday)

and

September 11th - 14th (Monday - Thursday)

Class enrollment is limited to 6 persons with a 4 person minimum.

Attendee Prerequisites:

Familiar with aircraft maintenance procedures and practices.
Propeller Repair Station affiliation.

This course provides recertification approval for a facility approved to overhaul Hartzell composite blades including Hartzell ASC II (N-shank) blades or approval for overhaul of ASC II (N-shank) blades for a facility that is not approved.

Topics and Training

Objectives

Inspection Techniques

Understanding Of Required Inspections And Procedures

Composite Blade Repairs

Determination Of Field Repairable Damage Or Factory Only Repairable Damage

Erosion Shield Replacement

Perform Common Major Composite Repairs

Composite Blade Finish & Assembly

View Proper Finish And Assembly Procedures

Repair of ASC II Blades

Repair and Overhaul Procedures for ASC II Blades
including Leading Edge replacement.

Class Fee:

The fee for this class is \$3,500.00 USD. 50% of payment must be received 30 days before class date.

Dornier DO328 Propeller Familiarization and Composite Blade Minor Repair

March 27th - 31st (Monday - Friday)

Class enrollment is limited to 6 persons with a 4 person minimum.

Attendee Prerequisites:

Familiar with aircraft maintenance procedures and practices.
Propeller Repair Station or aircraft operator affiliation
Dornier DO328 Operator Affiliation.

The course provides hands-on propeller assembly and disassembly. The course provides blade field maintenance including de-ice boot installation and removal.

Topics and Training

Objectives

Propeller Components and Operation	Familiarization With The Individual Propeller Components and Their Specific Operation
Propeller Disassembly	Understanding Required Procedures for Propeller Disassembly
Propeller Assembly and Set-up	Present Required Tooling And Procedures Demonstrate Propeller Assembly and Set-up
Propeller Maintenance & Repair	Present Specific Line Maintenance Procedures And Periodic Inspections Requirements
Service Information	Discuss Service Information Affecting Lightweight Turbine Propellers
Composite Blade Inspection	Identify Blade Damage
Review Possible Field Repairs	Blade Repair
De-ice Boot	De-ice or Anti-ice Boot Installation De-ice or Anti-ice Boot Removal

Class Fee:

The fee for this class is \$3,500.00 USD. 50% of payment must be received 30 days before class date

Note: Completing this class does NOT qualify students to perform composite blade major repair or erosion shield replacement

****Note:** Completing this class does NOT qualify students to perform blade bearing replacement required by Hartzell Service Bulletin HD-SB-61-014; only facilities authorized to fully overhaul dual-acting propellers may perform service bulletin HD-SB-61-014 bearing replacement.

*****Note:** Do328 propeller class participation is restricted to Do328-affiliated customers; contact Hartzell Product Support for details and authorization to attend..

Steel Turbine Propeller Familiarization

May 17th - 18th (Wednesday - Thursday)

Class enrollment is limited to 6 persons with a 4 person minimum.

Attendee Prerequisites: Familiar with aircraft maintenance procedures and practices.
Propeller Repair Station affiliation.

The first two days of the course provide hands-on propeller assembly and disassembly and basic field maintenance.

Topics and Training

Objectives

Propeller Receiving and Initial
Inspection

Identification of Propeller Assembly
Perform Receiving Inspection and Identify Damage

Propeller Disassembly

Understanding Required Procedures for Propeller
Disassembly

Propeller Components and Operation

Familiarization with the Individual Propeller Components and
Their Specific Operation

Special Processes

Understanding Of Required Special Processes
Review Of Hartzell Sample Approval Program

Propeller Assembly, Set-up

Present Required Tooling And Procedures
Demonstrate Propeller Assembly, Set-up

Service Information

Discuss Service Information Affecting Steel Turbine Propellers

Class Fee:

The fee for this class is \$1,800.00 USD. 50% of payment must be received 30 days before class date.

Lightweight Turbine Propeller Familiarization and Composite Blade Minor Repair

June 26th - 30th (Monday - Friday)

Class enrollment is limited to 6 persons with a 4 person minimum.

Attendee Prerequisites:

Familiar with aircraft maintenance procedures and practices.
Propeller Repair Station or aircraft operator affiliation.

The first two days of the course provide hands-on propeller assembly and disassembly. The last day of the course provides blade field maintenance including de-ice boot installation and removal.

Topics and Training

Objectives

Propeller Components and Operation	Familiarization With The Individual Propeller Components and Their Specific Operation
Propeller Disassembly	Understanding Required Procedures for Propeller Disassembly
Propeller Assembly and Set-up	Present Required Tooling And Procedures Demonstrate Propeller Assembly and Set-up
Propeller Maintenance & Repair	Present Specific Line Maintenance Procedures And Periodic Inspections Requirements
Service Information	Discuss Service Information Affecting Lightweight Turbine Propellers
Composite Blade Inspection	Identify Blade Damage
Review Possible Field Repairs	Blade Repair
De-ice Boot	De-ice or Anti-ice Boot Installation De-ice or Anti-ice Boot Removal

Class Fee:

The fee for this class is \$3,000.00 USD. 50% of payment must be received 30 days before class date.

Legacy & ASC II Composite Blade Minor Repair

August 16th - 17th (Wednesday - Thursday)

And

November 8th - 9th (Wednesday - Thursday)

Class enrollment is limited to 6 persons with a 4 person minimum.

Attendee Prerequisites:

Familiar with aircraft maintenance procedures and practices.
Propeller Repair Station affiliation.

This course provides field maintenance and minor repair field repairs for composite blades.

Topics and Training

Objectives

Inspection Techniques

Understanding Of Required Inspections And Procedures

Composite Blade Repairs

Determination Of Airworthy and Un-airworthy Damage

Field Repairs

Perform Common Minor Composite Repairs

Re-Finish

View Proper Procedures for Repair of Paint and Cosmetic
Concerns

Repair of ASC II Blades

Repair and Overhaul Procedures for ASC II Blades
including Leading Edge replacement.

De-Ice Boot

De-Ice or Anti-Ice Boot Removal
De-Ice or Anti-Ice Boot Installation

Class Fee:

The fee for this class is \$1,800.00 USD. 50% of payment must be received 30 days before class date.

Compact Propeller Familiarization

October 17th - 19th (Tuesday - Thursday)

Class enrollment is limited to 6 persons with a 4 person minimum.

Attendee Prerequisites: Familiar with aircraft maintenance procedures and practices.
Propeller Repair Station affiliation.

The course provides hands-on propeller assembly and disassembly and basic field maintenance.

Topics and Training

Objectives

Propeller Receiving and Initial
Inspection

Identification of Propeller Assembly
Perform Receiving Inspection and Identify Damage

Propeller Components and Operation

Familiarization with the Individual Propeller Components and
Their Specific Operation

Propeller Disassembly

Understanding Required Procedures for Propeller
Disassembly

Special Processes

Understanding Of Required Special Processes
Review Of Hartzell Sample Approval Program

Propeller Assembly, Set-up

Present Required Tooling And Procedures
Demonstrate Propeller Assembly, Set-up

Service Information

Discuss Service Information Affecting Steel Turbine Propellers

Class Fee:

The fee for this class is \$2,000.00 USD. 50% of payment must be received 30 days before class date.

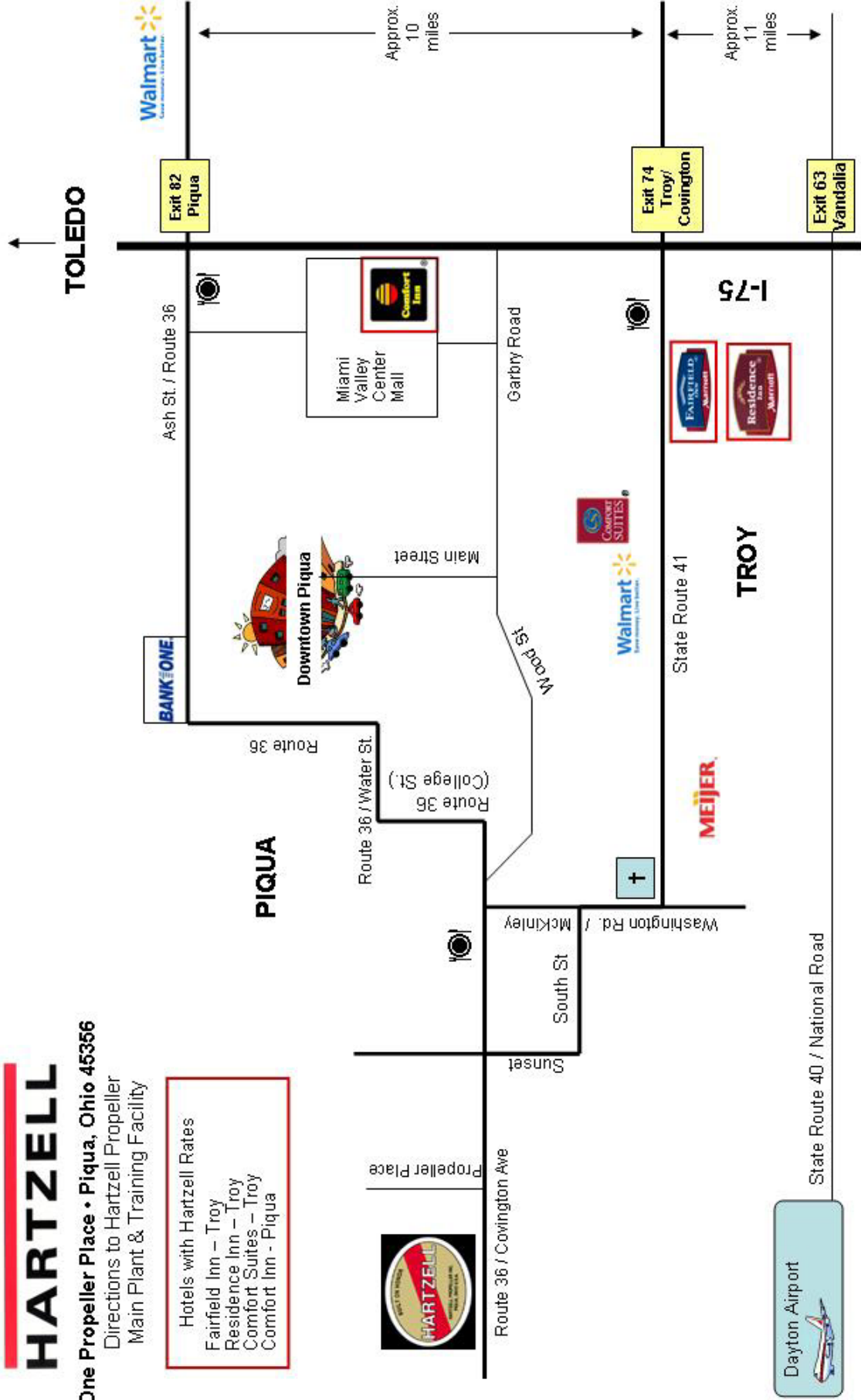
HARTZELL

One Propeller Place • Piqua, Ohio 45356

Directions to Hartzell Propeller
Main Plant & Training Facility

Hotels with Hartzell Rates

Fairfield Inn – Troy
Residence Inn – Troy
Comfort Suites – Troy
Comfort Inn – Piqua



Directions from the South (Dayton)

I-75 North to Exit 74, Turn left US Route 41. Travel approximately 2 miles to Washington Road / McKinley. Turn right. Travel approximately 5 miles to South Street. Turn Left. Next traffic light. Turn Right onto Sunset. Turn Left onto Covington Ave / Route 36. Turn Right onto Propeller Place.

Directions from the North (Toledo)

I-75 South to Exit 82, Turn Right onto Route 36 / Ash St. Follow signs for Route 36 through town. Continue on Route 36 / Covington Ave. Turn right onto Propeller Place.



RESERVATION FORM

Return reservation form and applicable fee to:

Hartzell Propeller Inc.
Attn: Product Support Department
One Propeller Place
Piqua, Ohio 45356-2634 U.S.A.
Telephone: (937) 778-4379
Fax: (937) 778-4391

Company Name: _____

Attendee Name: _____

Street Address: _____

City: _____ State: _____

Postal Code: _____ Country: _____

Phone (including Country Code): _____

Fax (including Country Code): _____

Email Address: _____

Class Selection Information

Class Title: _____

Indicate if attending Blade Repair and De-ice Boot on last day: ☐

Class Date: _____

Tuition Check Enclosed \$_____ (50% of tuition required 30 days in advance of class)

Hotel Reservation Request

Hotel Choice: Fairfield Inn & Suites ☐ Residence Inn ☐ Comfort Inn ☐

Arrival Date: _____ Departure Date: _____

Room Preference (please check one): King ☐ Double ☐

NOTE: All hotels are non-smoking.

Include credit card number and expiration date to guarantee your room, or call the hotels direct.

Credit Card # _____ Expiration Date: _____ Security Code: _____

Type: Visa ☐ Master Card ☐ Discover ☐ American Express ☐

**** If shuttle service is required we recommend the Fairfield Inn or the Residence Inn***



Banking/Payment Instructions

Hartzell Propeller Inc.

*****IMPORTANT*****

Email remittance details to: ar@hartzellprop.com
for ACH and Wire Transfers (Options 1 & 2)

1. ACH TRANSFERS (EFT) – Similar to a wire transfer, but less bank fees for both parties

This is the preferred method of payment

2. WIRE TRANSFERS – When an ACH transfer is not an option with your bank

ACH & wire transfers ***Email advice to: ar@hartzellprop.com***

The PrivateBank
120 South LaSalle
Chicago, IL 60603 USA
ABA No. 071006486

--OR--

SWIFT ID: PVTBUS44
Account No. 2174960
Account Name (Beneficiary): Hartzell Propeller Inc.
Reference Nos.: Sender of funds to supply QT #, CO #, PO # or customer #
so applicable Hartzell account can be credited with the funds

3. CHECKS – Must be payable in U.S. dollars and drawn on a U.S. bank

A. Mail ONLY checks and remittance advices to IL (Illinois)
(1st class mail only. If special courier is used, see option B)

Hartzell Propeller Inc.
8345 Solutions Center
Chicago, IL 60677-8003

B. OVERNIGHT / SPECIAL COURIER DELIVERIES (FEDX, UPS, or other)

Hartzell Propeller Inc.
Lockbox Number 778345
350 East Devon Ave
Itasca, IL 60143

*****NOTE (ALL TRANSFERS): EMAIL COMPLETE PAYMENT DETAILS TO*****
ar@hartzellprop.com