



## **HARTZELL PROPELLER INC.**

**2023**

### **TRAINING CLASS SCHEDULE AND RESERVATION FORM**

***Students are required to read, speak, and understand English. Translators are permitted and are the responsibility of the student. There is no class fee for translators.***

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 “hands-on” instruction. Class sizes are maintained at a level that encourages individual participation.

Reservation forms and fees should be submitted as early 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 persons 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 receipt of the reservation and must be paid in accordance with the facility’s payment terms with Hartzell. **Registration will not be confirmed until payment is received.**
- (4) All students are subject to security screening, and must provide Hartzell with a scanned copy of valid photo identification no later than 30 days prior to class start date.
- (5) Hartzell must be notified of attendance cancellations at least two weeks in advance of the class. Late notification will result in a 50% cancellation fee.
- (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 30 days 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.**

#### **Customer On-Site Training**

Customer on-site training may be available on request, and is subject to instructor availability (Do current demand for training post Covid, availability is extremely limited). Travel expenses, per diem, and class fees may apply in these cases. Customer on-site training class fees are subject to change based on Class topic. Customer is also responsible for shipping costs of all related training tools, equipment, and supplies. Contact Hartzell Product Support at [training@hartzellprop.com](mailto:training@hartzellprop.com) to inquire about on-site training.

## **Recommended Hotels:**

### **Fairfield Inn & Suites**

**83 Troy Town Drive, Troy, OH 45373**

**Phone: +1 (937) 332-1446**

**Fax: +1 (937) 332-1447**

- Complimentary hot breakfast
- Complimentary parking
- Deluxe guest room accommodations with full amenities
- On site coin operated laundry facility
- Complimentary WiFi internet access
- Complimentary use of business center
- Fitness room and indoor swimming pool
- Restaurants and shops within walking distance
- Room rate \$109.00 USD per night plus tax King or Double Room
- Room rate \$119.00 USD per night plus tax Executive King
- Ask for the Hartzell contracted rate when booking

### **Home2 Suites by Hilton**

**1805 Towne Park Dr, Troy, OH 45373**

**(937) 875-9440**

- Complimentary hot breakfast
- Complimentary parking
- Complimentary WiFi internet access
- Complimentary use of business center
- Fitness room and indoor swimming pool
- Restaurants and shops within walking distance
- Digital Key
- Room rate \$214.00 USD per night plus tax

### **Alternate Hotel:**

### **Comfort Inn**

**Miami Valley Centre Mall, 987 E Ash St, Piqua, OH 45356**

**(937) 778-8100**

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

Hotel rates are subject to change.

## ***2023 Training at a Glance***

### **February**

**Legacy and ASC II Composite Blade Overhaul, Major Repair and Recertification  
February 6 - 10**

### **March**

**Lightweight & Raptor Turbine Propeller Familiarization with Composite Blade Minor Repair  
February 28 - March 2**

### **April**

**Legacy and ASC II Composite Blade Overhaul, Major Repair and Recertification  
April 24 - 28**

### **May**

**Steel-Hub Turbine Propeller Familiarization  
May 10 - 11**

### **June**

**Prop Shop 2023  
Dates TBD**

### **August**

**Lightweight & Raptor Turbine Propeller Familiarization with Composite Blade Minor Repair  
August 8 - 10**

### **October**

**Legacy and ASC II Composite Blade Overhaul, Major Repair and Recertification  
October 23 - 27**

### **November**

**Compact & Raptor Recip. Propeller Familiarization  
November 14 - 16**

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

February 6 - 10 Monday - Friday (Half Day)

or

April 24 - 28 Monday - Friday (Half Day)

or

October 23 - 27 Monday - Friday (Half Day)

or

Class enrollment is limited to 6 persons with a 2 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 \$4,300.00.

# **Lightweight & Raptor Turbine Propeller Familiarization and Composite Blade Minor Repair**

February 28 - March 2 Tuesday - Thursday

or

August 8 - 10 Tuesday - Thursday

Class enrollment is limited to 6 persons with a 2 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 lecture, hands-on propeller assembly and disassembly. The last two days of the course provides blade minor repairs and 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*

Composite Blade Inspection	Identify Blade Damage
Allowable 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 \$3,800.00.

# ***Steel Turbine Propeller Familiarization***

**May 10 - 11** ( Wednesday - Thursday)

Class enrollment is limited to 6 persons with a 2 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 Disassembly	Understanding Required Procedures for Propeller Disassembly
Propeller Components and Operation	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 the two day class is \$2,700.00 USD.

# **Compact & Raptor Recip. Propeller Familiarization**

November 14 - 16 Tuesday - Thursday

Class enrollment is limited to 6 persons with a 2 person minimum.

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

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

## 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 Compact and Raptor Recip. Propellers

### *Day 3*

Composite Blade Inspection	Identify Blade Damage
Allowable 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 \$2,700.00.



## 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) 778-4320  
Fax: (937) 778-4215  
Email: training@hartzellprop.com

Company Name: \_\_\_\_\_

Attendee Name: \_\_\_\_\_

Street Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_

Postal Code: \_\_\_\_\_ Country: \_\_\_\_\_

Phone (including Country Code): \_\_\_\_\_

Fax (including Country Code): \_\_\_\_\_

Email Address: \_\_\_\_\_

### Class Selection and Payment Information

Class Title: \_\_\_\_\_

Class Date: \_\_\_\_\_

Class Fee: \$ \_\_\_\_\_ Note: Tuition payment is required in full with completed registration form.

Payment Option:

Copy of Check Enclosed\*  ACH/Wire Transfer\*  Credit Card (see below)  Net 30 Terms\*\*

\*Note: Please see the following page for additional instructions on processing payments via ACH, Wire Transfer, or Check.

\*\*Note: Billing will occur immediately following Hartzell acceptance of class registration for customers with existing Net 30 terms.

Credit Card # \_\_\_\_\_ Expiration Date: \_\_\_\_\_ Security Code: \_\_\_\_\_

Type:      Visa                      Master Card                      Discover                      American Express

CC Name and Billing Address: \_\_\_\_\_

### **This Section for Hartzell Use Only**

Class Instructor \_\_\_\_\_

Invoice/Proforma Invoice # \_\_\_\_\_

Student Paid-in-Full Date \_\_\_\_\_

Student Screening Date \_\_\_\_\_