

**Please plan accordingly! It may take up to 10 business days to process your application.**

## **Fixed Wing - Turbine Waiver Application**

I \_\_\_\_\_, state as follows:

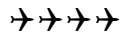
Name of Applicant

1. I am currently a member in good standing of the Academy of Model Aeronautics.
2. I have successfully completed the qualification test flight for turbine-powered model aircraft under the supervision of two experienced turbine pilots, one of whom is an AMA Contest Director.
3. I have successfully completed the requirements listed on page two of this document as proof of compliance with the turbine-powered model aircraft pilot requirements.

\_\_\_\_\_  
Signature

\_\_\_\_\_  
AMA Number

\_\_\_\_\_  
Date



Current turbine waiver holder:

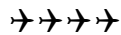
I, \_\_\_\_\_, am currently an experienced turbine-powered model aircraft pilot and have a turbine waiver/affidavit on file with the Academy of Model Aeronautics.

I hereby attest that \_\_\_\_\_ has successfully performed the turbine qualification flight outlined on page two of this document.

\_\_\_\_\_  
Signature

\_\_\_\_\_  
AMA Number

\_\_\_\_\_  
Date



Current turbine waiver holder with CD status

I, \_\_\_\_\_, am currently an AMA Contest Director and also an experienced turbine-powered model aircraft pilot and have a turbine waiver/affidavit on file with the Academy of Model Aeronautics.

I hereby attest that \_\_\_\_\_ has successfully performed the turbine qualification flight outlined on page two of this document.

\_\_\_\_\_  
Signature

\_\_\_\_\_  
AMA Number

\_\_\_\_\_  
Date

Submit completed application via mail to AMA, Attn. Turbine Waiver, 5161 E. Memorial Dr., Muncie IN 47302 or email it to [turbines@modelaircraft.org](mailto:turbines@modelaircraft.org).

Questions? Call AMA at (765) 287-1256, ext. 291 or 251

## **Turbine Applicant Flight Demonstration**

**Objective:** The purpose of the flight test for the turbine applicant to demonstrate their skills, knowledge, and understanding of how to safely operate and fly a turbine model aircraft.

**Key Elements:** The following elements are to be demonstrated through action along with verbal discussion of the element were appropriate.

1. Demonstration of proper turbine ground operations
  - a. Discuss the need to keep the tailpipe area clear of people and flammable items during start, shutdown, and all ground operations.
  - b. Explain the response plan for dealing with an aircraft fire similar to one resulting from a hot start. *Fire extinguisher to be present per AMA safety regulations.*
  - c. Explain the potential for a post crash fire and the response plan to deal with the situation. *Explanation to include local fire department contact number and fire fighting equipment immediately available for the modeler to respond to the fire.*
  - d. Explain and demonstrate typical turbine startup and shutdown procedures.
2. Flight Skills
  - a. Takeoff, to be held within 10 feet either direction of centerline, with smooth, controlled corrections as necessary.
  - b. Horizontal Figure 8. Pilot to hold altitude to within +/- 50 feet during the Figure 8. *This demonstrates skills at both left and right hand patterns and the ability to control the models flight path.*
  - c. Perform two aerobatic maneuvers with combined looping and rolling elements to be selected by the turbine applicant. Examples include Cuban 8, Humpty Bump with ½ roll, or similar maneuvers. *This demonstrates the general flying skills of the modeler.*
  - d. High Speed Circuit of the field performed at a safe high rate of speed. *This demonstrates the ability to control a model aircraft at speed.*
  - e. Square Traffic Pattern including a missed approach go-around. This maneuver to be in the opposite direction of the takeoff and landing if conditions allow. *This demonstrates the ability to control a model aircraft in the landing approach mode.*
  - f. Landing to a complete stop. Again, smooth, controlled corrections to the aircraft's path after touchdown are required. The landing must be completed on the runway.

\* At no time during the flight shall the aircraft pass behind the designated safety line.