

Please plan accordingly! It may take up to 10 business days to process you.

Rotary Wing - Turbine Waiver Application

I _____, state as follows:

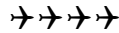
Name of Applicant

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 helicopters under the supervision of two experienced turbine pilots, one of whom is a Designated Helicopter 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 helicopter pilot requirements.

Signature

AMA Number

Date



Current turbine waiver holder:

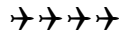
I, _____, am currently an experienced turbine-powered model aircraft pilot and have a turbine waiver/affidavit on file with the Academy of Model Aeronautics.

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

Signature

AMA Number

Date



Designated Helicopter CD

I, _____, am currently a Designated Helicopter 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.

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 helicopter.

1. Preflight

- a. Pilot demonstrates knowledge of helicopter specific systems
- b. Pilot demonstrates proper inspection of aircraft

2. Turbine Starting

- a. Pilot demonstrates knowledge of ground support equipment
- b. Pilot demonstrates knowledge of abort procedures
- c. Pilot demonstrates knowledge of and performs safe engine start

3. Precision Hovering

- a. Smoothly lift off and perform tail-in hover out of ground effect
- b. Perform right or left pirouette to side position
- c. Continue pirouette to nose in position
- d. Complete with pirouette to opposite side and back to tail-in for landing
- e. All positions must be held a minimum of 10 seconds

4. Forward Flight

- a. Smoothly lift off and perform stable tail-in hover out of ground effect
- b. Perform pirouette to either direction and begin climb-out
- c. Continue climb-out demonstration smooth transition to forward flight
- d. Demonstrate transition from forward flight to stable tail-in hover

5. Horizontal Figure 8

- a. From forward flight begin turn from either direction to initiate horizontal 8
- b. Complete 8 with approximating crossings, and symmetrical ovals
- c. Perform smooth transition from forward flight to landing

6. High Performance Turns

- a. Perform two high performance turns from both directions
- b. Demonstrate ability to perform high speed positional flight

7. Auto-Rotation

- a. Perform two successful auto-rotations from a minimum 30ft altitude
- b. Primary auto performed at the time and direction of pilot's choosing
- c. Secondary auto performed at the discretion of the Turbine CD