

Procedure For Turbine Waiver Sign-offs At The Georgia Jets Airfield

Georgia Jets Flying Club, Inc.

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Due to the increasing volume of requests for turbine waiver sign-offs, the club is implementing the following procedures:

1. Procedure For Qualified Turbine Waiver Applicants Who Do Not Need Any Assistance

If, as a prospective turbine waiver applicant, you do not need any instruction in the safe operation of your turbine powered plane, are able to demonstrate the required flight maneuvers to the satisfaction of the pilots conducting the process and demonstrate that you have read and understand all AMA documentation pertaining to the turbine waiver, then experienced Georgia Jets turbine pilots will accommodate all such requests by any AMA member to approve their turbine waiver sign-off. This opportunity will be offered only once per turbine waiver applicant and requires that the applicant be sponsored by a current Georgia Jets club member.

2. Procedure Where Assistance Is Needed From Experienced Turbine Pilots

If a turbine waiver applicant requires special instruction in any of the above mentioned areas then that applicant will be required to become a member of the Georgia Jets Flying Club prior to initiating the turbine waiver application process.

In many cases the waiver application process may have already been started as described in the above Procedure 1 after which it is determined that the applicant needs further instruction. In this case, the applicant will be required to become a member of Georgia Jets in order to continue the waiver application process.

These procedures have become necessary as a result of the additional time required to properly assist and evaluate applicants coupled with the limited number of experienced turbine pilots that are qualified and willing to assist in the waiver application process.

Turbine waiver applicants will be required to demonstrate the following in order to be considered qualified for the turbine waiver.

1. Proper programming and usage of the failsafe function for the specific engine and transmitter combination utilized for the demonstration flight. Unfortunately, it is impossible for the qualification pilots to be familiar with all brands of transmitters and engine ECUs so the waiver applicant should not necessarily expect the qualification pilots to provide assistance with their particular transmitter/ECU combination setup.
2. Proper range testing techniques.
3. Specific aircraft maintenance requirements to include battery maintenance, airframe structural inspection, fuel system and ground safety equipment inspection.
4. Proper assistant or spotters brief to include fire fighting techniques, flight line duties,

and pertinent safety issues.

5. Proper startup techniques including startup safety requirements.
6. Safe taxi and takeoff operation to include proper crosswind control, and sound judgment as to the need to abort the takeoff if safe conditions can not be maintained. (An airworthiness inspection of the plane will be completed by the qualification pilot prior to the flight demonstration.)
7. Airborne speed control and maneuver placement. Turbine applicants should possess the skills to safely control the airplane at all times and not cross any established safety lines, or allow the airplane to potentially threaten bystanders.
8. Required demonstration maneuvers will include horizontal figure eight, combination rolling and vertical maneuver, high speed pattern, both left and right hand traffic pattern, aborted landing, and safe landing demonstrating proper crosswind control techniques.
9. Proper shutdown and post flight operation.
10. Familiarity with AMA documents 510A, D, and E concerning turbine operations to include pilot recency requirements, thrust, weight, speed, and visibility limitations. See: <http://www.modelaircraft.org/acrobat.asp> for these pdf documents.
11. For Georgia Jets club members, specific flying site regulations found on the Club Bylaws page of the clubs' website. See: http://www.georgiajets.org/Club_Info/Bylaws/bylaws.html
12. Waiver applicants must have all AMA turbine waiver documents and/or necessary paperwork with them upon arrival at the Georgia Jets Airfield. Also, the applicants will be responsible for obtaining the notary services required for the AMA documents' signatures.