

Electric Ducted Fan Jet (EDFJ) - Safety Certificate/Sign off Program

In order to fly an Electric Ducted Fan Jet (EDFJ) at the Bergen County Model Aerodrome flying field, you must be checked out by a person designated as an Electric Ducted Fan Jet (EDFJ) Instructor/trainer and comply to the following requirements.

See appendix A for a list of persons designated as Electric Ducted Fan Jet (EDFJ) Instructors/Trainers.

- 1.) Your aircraft, an Electric Ducted Fan Jet (EDFJ) must be approved as a trainer level aircraft and have a max. ducted fan diameter of 80mm for the purposes of acquiring an Electric Ducted Fan Jet (EDFJ) certification Badge and associated sticker.

(Turbine Jets are not permitted at the BCMA flying field)

See appendix B for a current listing of Electric Ducted Fan Jets (EDFJ) approved for the purpose of training within the Electric Ducted Fan Jet (EDFJ - Safety Certificate/Sign off Program. If your jet is not listed, please contact your selected Jet (EDFJ) Instructor/Trainer to see if your jet qualifies. If approved by your selected instructor/trainer, it can be used during your training/testing and will be added to the list.

- 2.) You must be a Certified Pilot and hold a current Bergen County Permit card already indicating you're a certified pilot before being considered for this training program.
- 3.) You must arrange to meet with an Electric Ducted Fan Jet Pilot (EDFJ) Instructor/Trainer and do the following at a minimum when you meet up at the flying field. It is up to the Instructor/Trainer whether or not additional instruction and or training is required.
 - 1.) Perform a full inspection and pre flight check of your aircraft (Jet) including at a minimum, all components, its proper assembly, structural integrity and function of all items and systems of the aircraft.
 - 2.) Demonstrate that you as a potential Electric Ducted Fan Jet pilot understand and can operate all functions of the aircraft and its controller - Transmitter.
 - 3.) Use of a buddy box shall be at the discretion of the Instructor/Trainer (use of a Buddy Box is highly recommended).
 - 4.) Exhibit and demonstrate current field rules, including safety rules and proper conduct.
 - 5.) Take off and fly a standard certified pilot test pattern including and not limited to:
 - a.) Making Proper announcements including calls such as, On the Runway, Taking Off, Landing Left or Right, On the Field if necessary, and once off the Field, Clear.
 - b.) The Test pattern includes performing all maneuvers within the posted Boundaries (within red Lined areas) as indicated within the field flying map.
Maneuvers are the same as what's required to become a certified pilot which are making a successful take off into the wind, making a left or right turnout into the flying pattern, flying a full rectangle pattern, flying a figure eight pattern, making a successful landing into the wind.
 - c.) You must comply with all current and future FAA and AMA guidelines as they apply to Electric Ducted Fan Jet configuration and operation as well. No exceptions.

- 6.) Once you have successfully completed two certification test pattern flight demonstrations along with the other pre-mentioned requirements and receive sign off from you Instructor /Trainer, you will receive your evidence of certification, a Jet Pilot Badge and related certification Stickers. The certification Sticker can then be applied to the front of your permit or permit plastic sleeve or aircraft. The badge must be visible at all times.

Again, this is minimal, it is up to the Instructor/Trainer whether or not additional instruction and/or training is required.

It is the responsibility of the Instructor/Trainer to notify the students Club membership officer of you certification so the club records can be updated for the student’s status. It’s the student’s responsibility to ensure the record was updated.

Please Note, compliance to all field regulations and rules will be monitored as always for all pilots. Violators face suspension of flying privileges and any and all flying privileges and certification/s status.

Appendix A - Listing of Electric Ducted Fan Jet Instructors/Trainers

Name	e-mail address/or contact number
Sevag Takvorian	sevooolig@me.com
Vinnie Porino	vporrino@msn.com
Steve Perbinder	sperlbinder@nyc.rr.com
Lucas Vallejo	jetqualityllc@gmail.com
Bert Delben	201-286-9790
Eddy Farrell	ed@amecelectric.com

Appendix B – Listing of approved Electric Ducted Fan Jets for purposes of training

<u>Aircraft</u>	<u>Ducted Fan size</u>
Elite Viper	70mm
Freewing Rebel V2	70 mm
Freewing F86	80 mm
Freewing A10	64mm Twin
Avanti	80 mm
Hawk	70mm
L39	80mm
Viper	80mm

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Instructors Name	Date	Student Name	Date

Aircraft Used: _____