



OZBUCKEYE AIRWAYS PILOT ACADEMY

WELCOME TO
OUR ACADEMY

2023

"?" IN TRANSIT

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ACADEMY OVERVIEW

01



VISION

At Ozbuckeye Airways Pilot Academy, our goal is to nurture geocachers to become their best selves and take to the skies to find caches beyond the clouds. We understand that the Academy has rigorous testing procedures, and have therefore devised this supplementary handbook to aid your journey. In this handbook, you will discover how to use vital tools necessary for proceeding through the course, as well as details regarding the testing process. We wish you the best of luck, and hope you enjoy your time here at the Academy.

TESTING PROCEDURES

02



To graduate from Ozbuckeye Airways Pilot Academy, it is a requirement that a geocacher passes the mandatory examinations. There are three tests to complete; Alpha, Beta and Charlie. Each of the tests bring about their own challenges, but will together form a well-rounded Graduate Pilot. The tests do not have to be completed in successive order, and reflection on each stage may help with another. Once it is verified that a geocacher has successfully passed the examinations, they will graduate from the Academy, and thereby registered as an official Pilot.

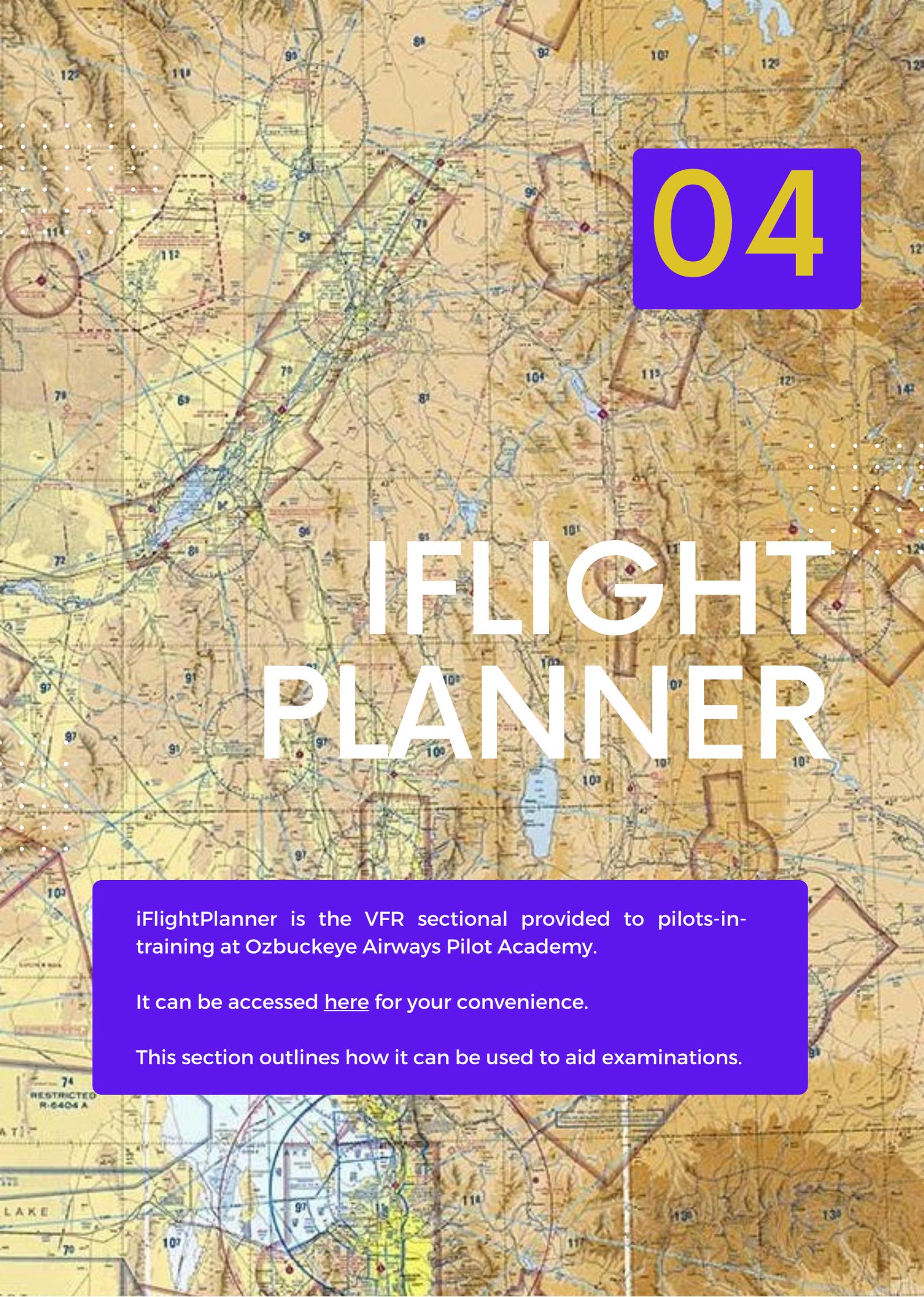
You will likely need to zoom out to view all of the examination content. Use Command / Control and + / -

VFR SECTIONAL

Every pilot must plan their flight on the ground in order to ensure they are prepared for their journey. Pilots refer to a VFR Sectional for navigation.

A sectional chart shows topographical features that are important to aviators, such as terrain elevations, ground features identifiable from altitude (rivers, dams, bridges, buildings, etc.), and ground features useful to pilots (airports, beacons, landmarks, etc.). The chart also shows information on airspace classes, ground-based navigation aids, radio frequencies, longitude and latitude, navigation waypoints, navigation routes.

Refer to [this handbook](#) disclosed, in order to familiarise yourself with the intricacies of the VFR sectional.



04

iFLIGHT PLANNER

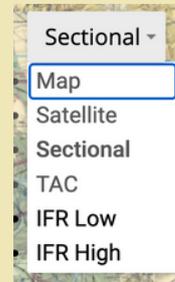
iFlightPlanner is the VFR sectional provided to pilots-in-training at Ozbuckeye Airways Pilot Academy.

It can be accessed [here](#) for your convenience.

This section outlines how it can be used to aid examinations.

HOW TO USE YOUR VFR SECTIONAL

- Firstly, you can toggle on/off the overlays on the sectional by clicking the layers menu  and unselecting each option. You can also use this to filter by airport class and other options.
- Additionally, you can toggle between sectional and satellite views by selecting the drop down menu shown.



NAVIGATION LOG

- The navigation log records all of the information relating to the route between airports and waypoints you have chosen.
- For example, the first figure displays the distance in nautical miles and bearing from LAX to SFO airport.
- To add a specific location to the route that is not an airport, you can click the coordinates for that position. The other options are neighbouring VOR, waypoints or airports.

 KLAX			
 KSFO	293.1nm	320°T	2:33
	293.1nm		2:33

 37° 34' 54"N 120° 59' 48"W Lat/Lon	
 MOD 3.3nm NE	VOR/DME
 KMOD 3.3nm NE	MODESTO CITY-COUNTY-HARRY SHAM FLD MODESTO, CALIFORNIA
 ALWYS 3.6nm NE	WAYPOINT
 SHELI	WAYPOINT

GOOGLE 05 EARTH

Google Earth is another valuable resource for Academy members to survey their route from both an aerial view and from the ground, to assist in navigation and to understand the lay of the land.

GOOGLE EARTH

NAVIGATING GOOGLE EARTH

An important skill for proficiency in Google Earth is being able to navigate effectively. One key tip is to double click the compass icon so it replaces the globe as shown.



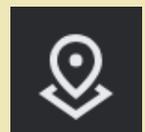
This tool can be used to orientate the map view by rotating the outer circle. Additionally, the compass can be dragged up and down to alter the angle with the ground.

It is important to note that some structures appear "flattened" and do not render in when you are in arial view, even at a low angle.

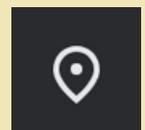
Instead, use street-view to get a view from the ground. Note that street-view only works when arial view is parallel to the ground. .

SAVING WAYPOINTS

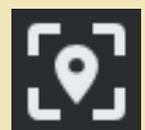
Waypoints can be saved on Google Earth to a collection to be easily found again later. To access collection, click the pin-in-map icon



Whilst in arial view, press the pin button to save a bookmark at a selected place.



In street-view, press the capture pin button. This will save a photo of the location alongside with it.



SAFE TRAVELS BEST OF LUCK



This concludes the official handbook for Pilot Trainees at the Ozbuckeye Airways Pilot Academy. For more assistance, contact Ozbuckeye at Geocaching.com, or discover resources on Google and Youtube.

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