

## EAA Chapter 105

### Young Eagles Pilot Briefing – Hillsboro (HIO)

EAA Chapter 105 will hold a Young Eagles event at Hillsboro airport in conjunction with the EAA B-17 tour. This document captures standard operating procedures for the benefit of pilots new to the program or unfamiliar with HIO.

#### **Primary Objectives**

- 1) Maintain the highest level of safety for all participants.
- 2) Provide each YE with the best possible educational and motivational experience.

#### **Pilot and Aircraft Qualifications**

- 1) Pilots must have a current medical, BFR, currency for carrying passengers, and current national EAA membership.
- 2) Aircraft must be airworthy in all respects and carry minimum passenger liability insurance of \$100K per seat.
- 3) You will sign a form before each flight certifying that the requirements above are met.

#### **Weather**

- 1) Each pilot is responsible for their own determination of weather minimums, provided they comply with VFR.
- 2) Keep in mind that a bumpy, wet, or low-visibility day may be legal to fly, but will not provide the best introduction to light aviation for your passengers or their parents. It is better to have them return on a nice day.

#### **Parking**

- 1) Park in the transient parking area west of taxiway Mike and north of the fuel mushroom. The B-17 flights are usually staged just west of the mushroom.
- 2) Do not try to park anywhere that might be subject to B-17 prop-wash!
- 3) Be aware that you will walk across an active taxiway to reach the coordinator's tent along the south fence.

#### **Flight Dispatch**

- 1) When you arrive, check in with the event coordinator in the sign-in table. Best practice is to exchange cell phone numbers with the coordinator in case of emergency.
- 2) The event coordinator will assign YE's to pilots ready for dispatch, and get your signature on the required forms.
- 3) Be sure to introduce yourself to the parents; they are usually more nervous than the kids.
- 4) Brief the YE's on safety around moving aircraft, what they can touch and when, aircraft systems such as doors, canopies, seatbelts, headsets, etc.

#### **Ground Operations**

- 1) HIO ATIS is on 127.65. Ground is on 121.7. Give your direction of departure and the ATIS code in your first call to ground.
- 2) Be prepared for complex taxi instructions. It helps to have an airport diagram handy.
- 3) Be sure to read-back all runway crossing and hold short instructions.
- 4) You may request intersection departures, or the non-active runway when the winds permit. These steps may save considerable departure holding time when the field is busy.

## **Traffic Pattern**

- 1) Hillsboro airport is the busiest field in the state of Oregon. Be psychologically prepared for long departure holds and extended patterns. If you get in or out quickly, consider it an unexpected bonus.
- 2) The pattern is likely to be crowded with everything from students in Cessna 152's to large corporate jets. The controllers do a pretty good job, but they have been known to temporarily close the airspace to new arrivals when things get too hairy.
- 3) The Hillsboro traffic pattern altitude is 1200' MSL.

## **Young Eagle Flights**

- 1) Most flights last from 10 – 20 minutes. If you anticipate a longer flight, be sure to notify the event coordinator. All departure and return times are logged.
- 2) Common flight routes are to the west around the Forest Grove, Banks, or Hagg Lake areas; or to the south around Newberg; or the east around the Aurora area.
- 3) Use caution for heavy student training activity in all of these areas. Some training flights west of Hillsboro report positions on 122.75.
- 4) If circumstances require a landing somewhere other than Hillsboro, be sure to call the event coordinator.

## **Post Flight**

- 1) Check in with the event coordinator after each flight to be sure your return has been logged.
- 2) Sign the flight certificate and present it to the YE. Encourage the excitement of the YE, and enjoy the gratitude of the parents!
- 3) Grab a snack or a drink and repeat...

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