



Canadian Virtual Airlines Pilot Training Program

Phase 1 - TurboProp Training Lesson Plan tp01 - Basic Aircraft Handling

Requirements

Frolov/PSS DH8-300
VATSIM connection for online flight (optional)
FSR video flight recording for Instructor review

Tolerances

Altitude +/- 200' Speed +/- 20 kias Heading +/- 10*
Use of any type of autopilot assist is prohibited

Outline

Welcome to the CVA Flight Academy at CYPG – Portage la Prairie, Southport MB. This first flight will introduce you to basic VFR profiles to allow you to acclimatize to our training format. Prior to commencing this training program you should have reviewed thoroughly the CVA Aircraft Operating Instructions (AOIs) for the DH8-300. Tolerances for this flight are listed above and will be decreased for future flights. You may fly this, and other, flight profiles as many times as you wish until you are comfortable with the teaching points. Between each flight maneuver allow such time as necessary for the aircraft to stabilize in the new flight envelope. No video recording of this flight is required. This flight should take approximately 45 minutes to complete.

PreFlight

Set weather to daytime VFR no winds
Set aircraft fuel to 50% volume
Place your aircraft at Portage la Prairie - CYPG on the main ramp.
NAV/COMM Nav1 YPG VOR 114.6
ADF PG NDB 353
TXPNDR 1200 (or as assigned by online ATC)

If you are flying this profile on the VATSIM network file a VFR flight plan CYPG to CYPG local training (example VATSIM flightplan displayed on page2). Your callsign is CVAXXT where the xx is the last 2 digits of your CVA ID number. Voice callsign will be "CanadianxxTrainer".

FlightProfile

Carry out a normal preflight inspection. Commence a normal engine start routine. Taxi from the ramp to rwy 31L – do not exceed 20 knots taxiing speed. Upon completion of your pre takeoff checks line up on 31L.

- (i) takeoff and establish a 1000fpm climb at 160kias
- (iii) at 3500'ASL turn left to H180 maintain 160kias 1000fpm climb
- (iii) level at 6000'ASL and accelerate to 200kias
- (iv) make a 30* bank angle right turn to H270 maintain 6000'ASL and 200kias

- (v) make a 45* bank angle left turn to H090 maintain 6000'ASL and 200kias
 - (vi) commence a 1000fpm climb – stabilize speed at 160kias
 - (vii) make a 30* bank angle left 360* turn to roll out H090 and level at 10,000'ASL
 - (viii) reduce power and descend at 1500fpm and 200kias – thru 5500' turn left H360
 - (ix) continue 1500fpm descent to 2500'
 - (x) level at 2500'/200kias navigate to a 5 mile final rwy 31L (track direct the YPG)
 - (xi) fly a straightin approach pattern – to rwy 31L touch and go
 - (xii) fly a standard left hand circuit pattern - maintain 2500'/200kias
a graphic depiction of a circuit pattern is included as a reference
 - (xiii) carry out a full stop landing rwy 31L
- Exit the runway, taxi to the ramp and shut down

Conclusion

This flight lesson contained basic flight requirements to allow you to acclimatize to the CVA Academy learning structure. Future flights will build on teaching points to develop you into a fully qualified virtual aviator. File your appropriate flight time with CVA through normal channels. File an additional PIREP via email with your designated Instructor Pilot indicating you have successfully (or unsuccessfully) completed CVAtp01. Should you require online/offline assistance or have questions as to the procedures for handling the DH8 contact your instructor for guidance and/or schedule an online training flight.

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Flight Plan

International Simulated Civil Aviation Organization

FLIGHT PLAN OK
Cancel

TCAS DeHavilland Canada Dash 8-DHC8 - 300 Suffix R

<input checked="" type="radio"/> VFR	Aircraft Ident	Aircraft Type	True Airspeed	Departure Point	Dep Time Est.	Dep Time Act.	Cruise Altitude
<input type="radio"/> IFR	CVA22T	T/DH8C/R	255	CYFG	1400	1400	12,500
<input type="radio"/> SVFR							

LOCAL VFR TRAINING

Destination	Time Enroute Hours Minutes	Remarks
CYFG	1 00	REG/CGCVX DPR/CANADIAN VIRTUAL RMK/FS9.1 A52004.5

Fuel on Board Hours Minutes	Alternate Airport	First Name	Last Name	Home Base	Number Aboard
2 00	NONE	KEN	GREENWOOD	CYQM	2

Not to be used for Real World Flight Planning

