

**VA NS**

**VA NS Training Program**

**DISCLAIMER**

**The content of this documentation is intended for aviation simulation only  
and must not be used for real aviation operations.**

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**Control Pages***VA NS Training Program*

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## Advanced Student Rating Program

### 3 Lessons

#### Arguments:

1. IVAO ( Use of Network and other.... )
2. Theoria of flight
3. Basic flight practice

#### Theoretical Part

##### **Lesson 1:.....IVAO**

- Rules and Regulation
- Use of network
- Use of software

##### **Lesson 2:.....Theoria of flight**

- Structure of airport and airspace
- Altitude, FL and so on
- Airspace classification
- Rules of the air
- Phase of flight
- VFR minima

##### **Lesson 3:.....Basic flight practice**

- Aircraft surface
- Flight Plan
- METAR
- Circuits pattern



## Trainee Rating Program

**4 Lessons + 1 Practical**

### **Arguments:**

1. VFR Theory
2. VFR Procedure
3. Charts
4. Aircraft Instrument and Setting
5. Fly circuits Pattern

### **Theoretical Part**

#### **Lesson 1:.....VFR Theory**

- Speed
- Type of Flight Plan
- Radar Service
- Wake Turbulence

#### **Lesson 2:.....VFR Procedure**

- VFR minima
- VFR Speed
- VFR Flight Rules
- VFR Go Around
- VFR Top of Descend
- Direct to VOR
- Direct to NDB

**Lesson 3:.....Charts**

- Aerodrome Charts
- VFR Charts

**Lesson 4:.....Aircraft Instrument and Setting**

- Flaps
- Spoilers
- Lights
- Altimeter
- ADF, VOR, GPS
- RMI, HSI, CDI

**Practical Part****Lesson 5 :.....Circuits Pattern**

- Fly Circuits Pattern

## Advanced Trainee Rating Program

4 Lessons + 1 Practical

### Arguments:

1. Methereology
2. Phraseology
3. Aircraft knowledge
4. VFR General Aviation flight Operation
5. Fly in/out CTR and TMA direct to VOR and NDB

### Theoretical Part

#### **Lesson 1:.....Metheorology**

- Metheorological phenomena
- METAR
- TAF
- SIGMET

#### **Lesson 2:.....Phraseology**

- General Phraseology
- Aerodrome Phraseology
- Emergency phraseology
- VFR flight Phraseology Example
- Phraseology Common Mistakes
- Flight and ATC service priority



**Lesson 3:.....Aircraft knowledge**

- Landing Operation
- Speed
- Performance
- Instrument

**Lesson 4:.....VFR General Aviation flight Operation**

- VFR Operation
- Fuel Management

**Practical Part****Lesson 5:.....Fly in/out CTR and TMA direct to VOR and NDB**

- Practice fly in/out CTR
- Practice fly in/out TMA
- Fly direct VOR
- Fly direct NDB

# NS

## Co-Pilot Rating Program

**6 Lessons + 2 Practical**

### Arguments:

1. IFR Theory
2. IFR Procedure (1<sup>st</sup> Part)
3. IFR Procedure (2<sup>nd</sup> Part)
4. Charts
5. Aircraft Performance knowledge
6. Aircraft Instrument knowledge
7. Practical part (1<sup>st</sup> Part)
8. Practical part (2<sup>nd</sup> Part)

### Theoretical Part

#### **Lesson 1:.....IFR Theory**

- Flight Plan IFR
- SID and STAR
- Category of aircraft
- Reduce Vertical Separation Minima
- General and Commercial flight operations

#### **Lesson 2:.....IFR Procedure (1<sup>st</sup> Part)**

- IFR Rules
- IFR clearance
- IFR Departure Procedure
- CTOT
- RNAV Procedure
- Holding Procedure

**Lesson 3:.....IFR Procedure (2<sup>nd</sup> Part)**

- Top of Descend
- Expected Approach Time
- IFR arrival and approach Procedure
- Precision approach
- Non precision approach
- Go around

**Lesson 4:.....Charts**

- SID Charts
- Enroute Charts
- STAR Charts
- Approach Charts

**Lesson 5:.....Aircraft Performance Knowledge**

- Weight and Balance
- Speed
- Takeoff and Landing Distance
- Fuel management
- Stabilized approach

**Lesson 6:.....Aircraft Instrument Knowledge**

- ILS
- PFD
- ND
- HUD
- GPS
- Autopilot and FD

**Practical Part****Lesson 7:.....Partical Part (1<sup>st</sup> Part)**

- Perform ILS approach
- Make an holding pattern

**Lesson 8:.....Practical Part (2<sup>nd</sup> Part)**

- Intercept and follow VOR Radial
- Intercept and follow NDB Radial



## Aircraft Commander Rating Program

6 Lessons + 5 Practical

### Arguments:

1. RNAV System
2. Metheorology
3. Phraseology
4. IFR Procedure
5. Aircraft Instrument
6. Aircraft Performance
7. Holding Pattern
8. ILS approach 737
9. VOR approach and NDB approach 737
10. Circling approach 737
11. VPT approach 737

### Theoretical Part

#### **Lesson 1:.....RNAV System**

- Area Navigation
- RNAV
- System

#### **Lesson 2:.....Metheorology**

- Wind shear
- Enroute Wind charts

**Lesson 3:.....Phraseology**

- Enroute Phraseology
- Complete Phraseology
- Specific Phraseology

**Lesson 4:.....IFR Procedure**

- Flying RNAV
- IFR Visual Manuvering
- Noise Abatement Procedure
- Constant descent approach

**Lesson 5:.....Aircraft Instrument**

- FMS
- Satellite Navigation

**Lesson 6:.....Aircraft Performance**

- 737 Speed
- 737 Weight and balance
- 737 Emergency Procedure
- 737 Checklist

**Practical Part****Lesson 7:.....Holding Pattern**

- Entry direct
- Parallel entry
- Offset entry

**Lesson 8:.....ILS Approach 737**

- ILS Approach 737

**Lesson 9:.....VOR approach and NDB approach 737**

- VOR Approach 737
- VOR DME Approach 737
- NDB Approach 737
- NDB DME Approach 737

**Lesson 10:.....Circling Approach 737**

- Circling approach 737

**Lesson 11:.....VPT approach 737**

- VPT approach 737