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## AIRBUS A320 CADET TRAINING PROGRAM

# RELEASE SCHEDULE - New modules each week

## MODULE ONE 29th Dec 2021

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| <b>Episode One</b>   | <b>Meet Your Airbus A320 Instructor</b><br>Meet first officer James McDonald, our Airbus instructor for the program  |
| <b>Episode Two</b>   | <b>Detailed Exterior Inspection</b><br>We take a look around the exterior of the A320 to discover all those nooks and crannies, as well as where to stand on a cold day! |
| <b>Episode Three</b> | <b>Flight deck overhead panels</b><br>A detailed overview of the A320 overhead panels and controls   |
| <b>Episode Four</b>  | <b>Flight deck lower panels</b><br>A detailed overview of the A320 lower panels and pedestal   |
| <b>Episode Five</b>  | <b>Touch and Go Training Setup</b><br>Ben and James set up the A320 for our training flight  |
| <b>Episode Six</b>   | <b>Touch and Go Training</b><br>It's time to take to the skies in sunny Menorca as Ben learns how to take off and land in the A320                                       |

## MODULE TWO 5th Jan 2021

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| <b>Episode Seven</b> | <b>FMA Modes</b><br>Most pilot errors are down to not understanding what the aircraft is doing. Here we show you the crucial FMA - flight mode annunciator                                  |
| <b>Episode Eight</b> | <b>Nice Airport Crew Room Briefing</b><br>It's time for our day of line flying around Europe, so join us in the crew room before sunrise in Nice for a comprehensive look at the day ahead. |
| <b>Episode Nine</b>  | <b>Nice to Geneva Setup</b><br>It's time to wake our A320 from cold and dark as we set up for our short hop to Geneva   |
| <b>Episode Ten</b>   | <b>Nice to Geneva Flight</b><br>We've finally got fare paying passengers on board, so watch as we make our way up through the Alps for a fascinating ILS arrival into Geneva                |

## **Episode Eleven**

### **Geneva to Milan**

Once safely on the ground in Geneva there's no time to waste, as we're quickly on our way to Milan. En route we run into some hazardous summer storms. Learn how to safely dodge them and give a smooth ride.

## **MODULE THREE 12th Jan 2021**

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## **Episode Twelve**

### **Milan to Palma Setup**

From the capital of fashion we're heading off to the beach as we set the A320 up for a flight to Palma de Mallorca in the Spanish Balearic Islands

## **Episode Thirteen**

### **Milan to Palma Flight**

With Palma's ILS approach system out of action, we show you how to fly a non precision localiser DME approach into Palma

## **Episode Fourteen**

### **Palma to Nice Setup**

We're on the ground in the scorching summer heat and our APU air conditioning fails. We show you how to keep your passengers cool

## **Episode Fifteen**

### **Palma to Nice Flight**

Finally at the end of a long day, it's time to head back to Nice, but the wealthy jetsetters of the Cote d'Azur, don't appreciate aircraft noise, so we'll show you how to fly the tricky circle to land approach into Nice

## **MODULE FOUR 19th Jan 2021**

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## **Episode Sixteen**

### **Berlin to Tenerife Briefing and Setup**

The summer is over and we find ourselves at a windy, rainy Berlin, ready for a long, long sector down to the coast of Africa as we visit Tenerife South. We've also swapped into an A319 for the first time and here we'll learn how to use the complex ATSU system

## **Episode Seventeen**

### **Berlin to Tenerife Flight Part One**

It's time to get airborne on our long flight, narrowly escaping a big delay. But as the weather report forecasted we're not in for a smooth ride

## **Episode Eighteen**

### **Berlin to Tenerife Flight Part Two**

Our brush with severe turbulence behind us, we cruise out into the atlantic. The approach in use today is a VOR and Tenerife's famous volcano kicks up some gusty winds, making this our most challenging approach yet

## **Episode Nineteen**

### **Circle to Land Approaches**

Sometimes it's not possible to land straight in, two of the most challenging approaches in Europe are in Croatia. We'll show you how to ace them both ... or nearly!

## **Episode Twenty**

### **Go Arouds**

A landing is a go around until you hit reverse thrust, so the saying goes. We'll show you how the go around mode works in the A320 in a place where you don't want to take any chances - Salzburg, Austria

## **MODULE FIVE 26th Jan 2021**

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### **Episode Twenty One**

#### **Manual Thrust**

The A320 was designed to be flown with the autothrust system operating. Should you wish to fly it with manual thrust, there are a few steps you need to take. We'll show you how it all works at Amsterdam

### **Episode Twenty Two**

#### **Cat 3 Auto Lands**

We're approaching Rotterdam in the Netherlands, but fog is closing in. We'll learn about the A320's approach capability as we divert to Amsterdam for an autoland. In addition learn about the A320's landing inhibit function

### **Episode Twenty Three**

#### **Winter Operations**

Winter has arrived in Europe and snow and ice is the enemy of the aviator, we'll show you how to keep your A320 flying even in the middle of a deep winter

## **MODULE SIX 2nd Feb 2021**

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### **Episode Twenty Four**

#### **Airbus Flight Laws**

An Airbus famously uses a number of flight control computers in order to fly. We'll show they systems that are affected, should flight computers fail

### **Episode Twenty Five**

#### **A321 / IAE Engines Differences**

From the baby bus A319 to the big brother, it's time to learn the A321. As well as a much higher gross weight and take off speed, the major 321 difference is the risk of a tail strike. We'll also show you the handling differences with IAE engines, the other major manufacturer of Airbus engines

### **Episode Twenty Six**

#### **Performance**

Calculating the correct take off and landing performance is crucial. Especially on shorter runways. We'll explain V speeds and other aspects of this important topic here

### **Episode Twenty Seven**

#### **GS Mini**

The Airbus's party trick is measuring the head wind component. During the approach, we'll show you how it works here