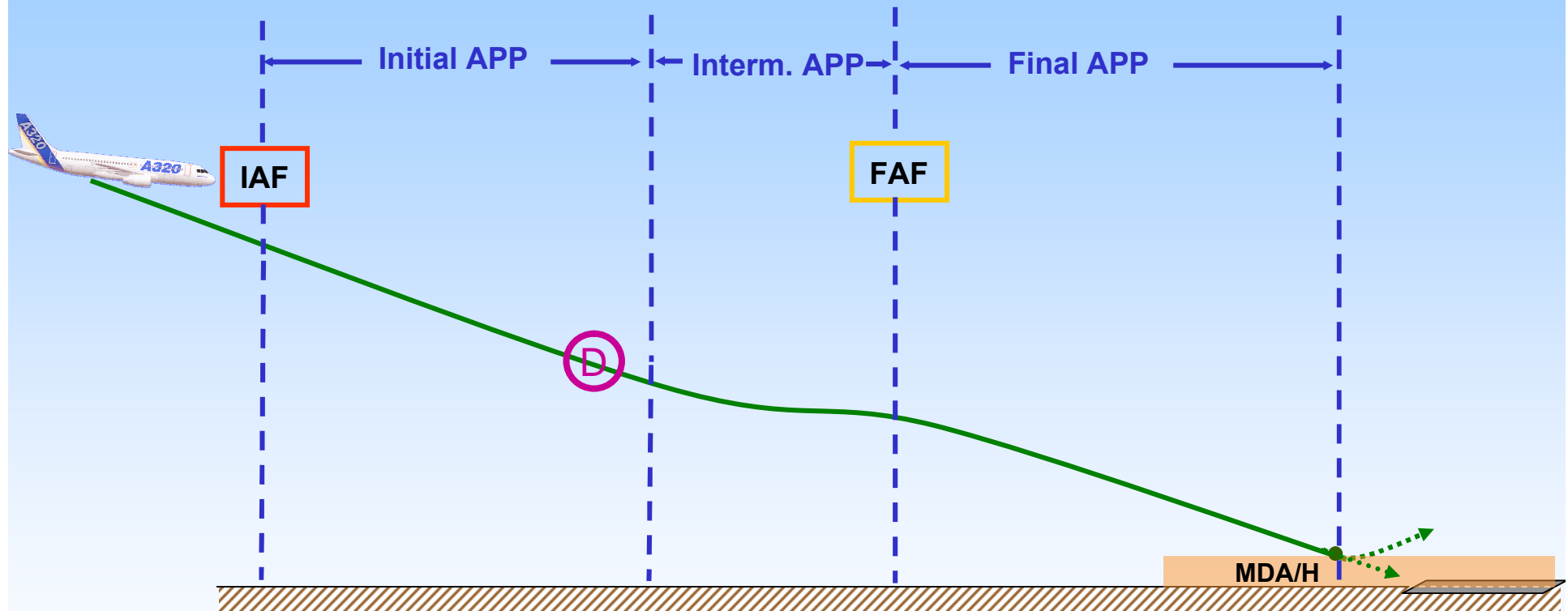


RNAV GPS approach

OTHER Types of RNAV... 

Vocabulary 



FLYING REF : TRACK/FPA (FPD)

PF

PNF

1. INITIAL APPROACH

You are cleared to 3000 ft ...

Passing BENET, you are cleared for APP & cleared to 2500 ft ...

➤ CONDITIONS FOR RNAV GPS APPROACH



➤ BEFORE STARTING THE APPROACH



➤ APPROACH STRATEGY



PF

PNF

2.INTERMEDIATE APPROACH

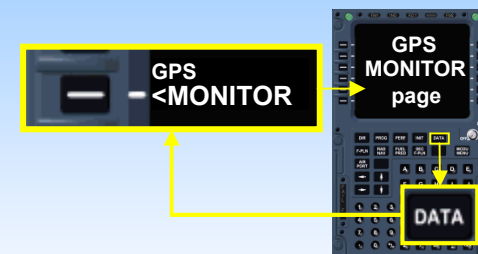
FMA Check *FINAL* and *APP NAV*

GPS 1+2 on GPS MONITOR page.....CHECK BOTH IN NAV

GPS PRIMARY on PROG page..CHECK AVAILABLE

DISCONTINUE THE APPROACH IF ONE OF THE FOLLOWING MESSAGE IS TRIGGERED:

- **NAV ACCUR DOWNGRAD**, and FMS navigation accuracy cannot be cross-checked with navaid raw data
- **FMS1/FMS2 POS DIFF**
- **CHECK IRS 1(2) (3)/FM POSITION**
- **ECAM: FM/GPS POS DISAGREE**
- **ECAM: FM/IR POS DISAGREE**



PF

PNF

3.FINAL APPROACH (LNAV/VNAV)

After the FAF :

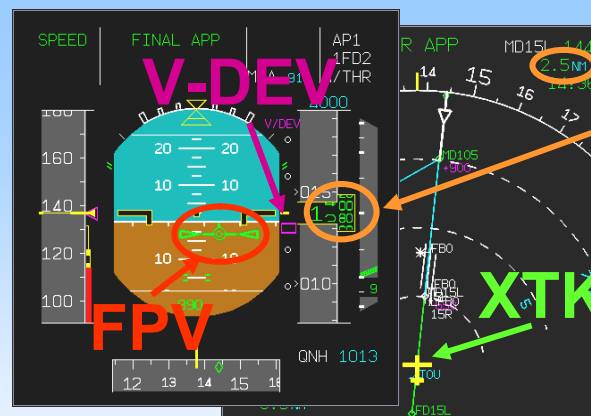
FMA Check **FINAL APP**

GO AROUND ALTITUDE SETTING

A/THR.....CHECK SPEED MODE

POSITION/FLIGHT PATH.....MONITOR

- Monitor **VDEV** , **FPV** on PFD and **XTK** error (on the ND).



- Use **altitude indication** versus **distance to the runway** to monitor the vertical navigation.

- If the vertical guidance is unsatisfactory, revert to **FPA | NAV** or consider the go-around.
- If the lateral guidance is unsatisfactory, perform a go-around.

RNAV GPS approach

OTHER Types of RNAV...

RNAV operates within coverage of referenced navigation signals (VOR, DME)
or self contained system capability (GPS)

Two navigation systems must be operative : 2 FMGS and 2 sensors

Basis	VOR/DME	GNSS	DME/DME
Navaid	1VOR + 1 collocated DME	GPS	2 DME
Accuracy	"HIGH ACCURACY" requested	"GPS PRIMARY" requested	"HIGH ACCURACY" requested

LOW OAT

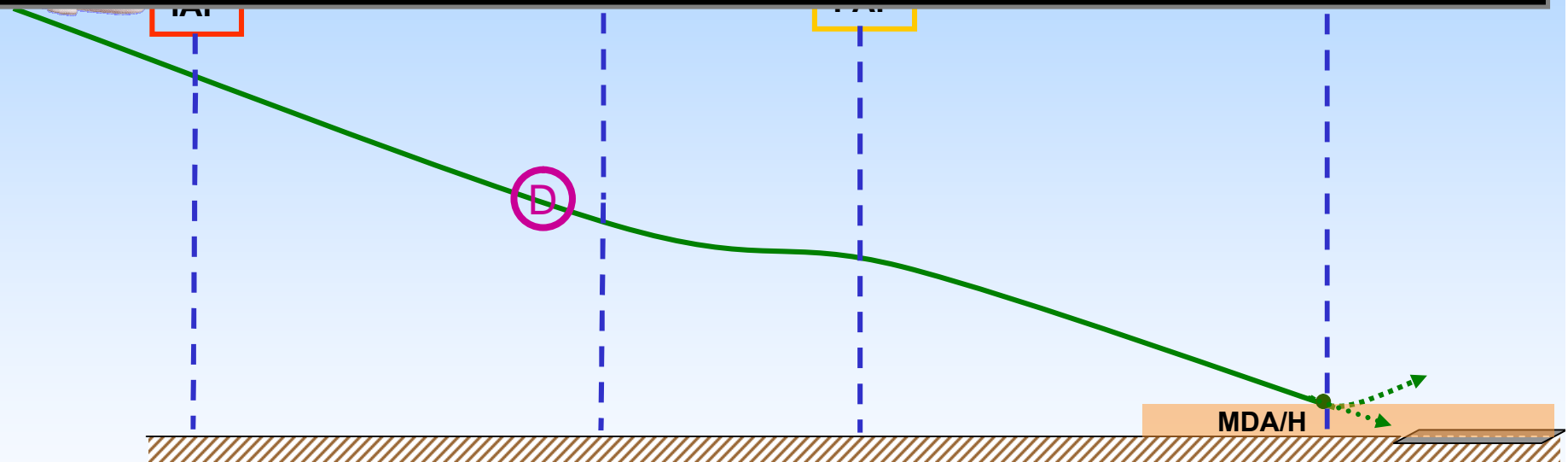
LNAV only (**FPA** | **NAV**)

RNAV GPS approach

OTHER Types of RNAV... 

Vocabulary 

- RNAV (Area NAV) : Method of navigation
- B-RNAV, P-RNAV : Basic RNAV (en route), Precision RNAV (approach)
- GNSS : Global Navigation Satellite System



FLYING REF : TRACK/FPA (FPD)

PF

PNF

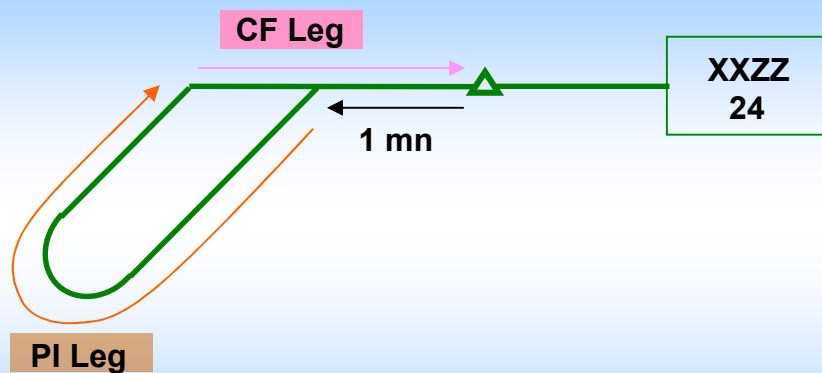
1. INITIAL APPROACH

You are cleared to 3000 ft ...

Passing BENET, you are cleared for APP & cleared to 2500 ft ...

➤ CONDITIONS FOR RNAV GPS APPROACH

➤ Approach doesn't include a PI-CF leg (**PROC T** in MCDU).



➤ Approach is in the database.

➤ Approach is validated by the airline and final approach is not revised by the crew.

PF

PNF

1. INITIAL APPROACH

You are cleared to 3000 ft ...

Passing BENET, you are cleared for APP & cleared to 2500 ft ...

➤ CONDITIONS FOR RNAV GPS APPROACH



➤ BEFORE STARTING THE APPROACH



- The crew must check the Lateral and the vertical FPLN against the published approach chart using the MCDU and ND
- Two navigation systems must be operative : 2 FMGS and 2 GPS sensors

PF

PNF

1. INITIAL APPROACH

You are cleared to 3000 ft ...

Passing BENET, you are cleared for APP & cleared to 2500 ft ...

➤ CONDITIONS FOR RNAV GPS APPROACH



➤ BEFORE STARTING THE APPROACH



➤ APPROACH STRATEGY



➤ Lateral and Vertical managed : LNAV/VNAV approach (**FINAL APP**)

➤ Lateral managed and Vertical selected : LNAV ONLY (**FPA | NAV**) approach (in case of low OAT)