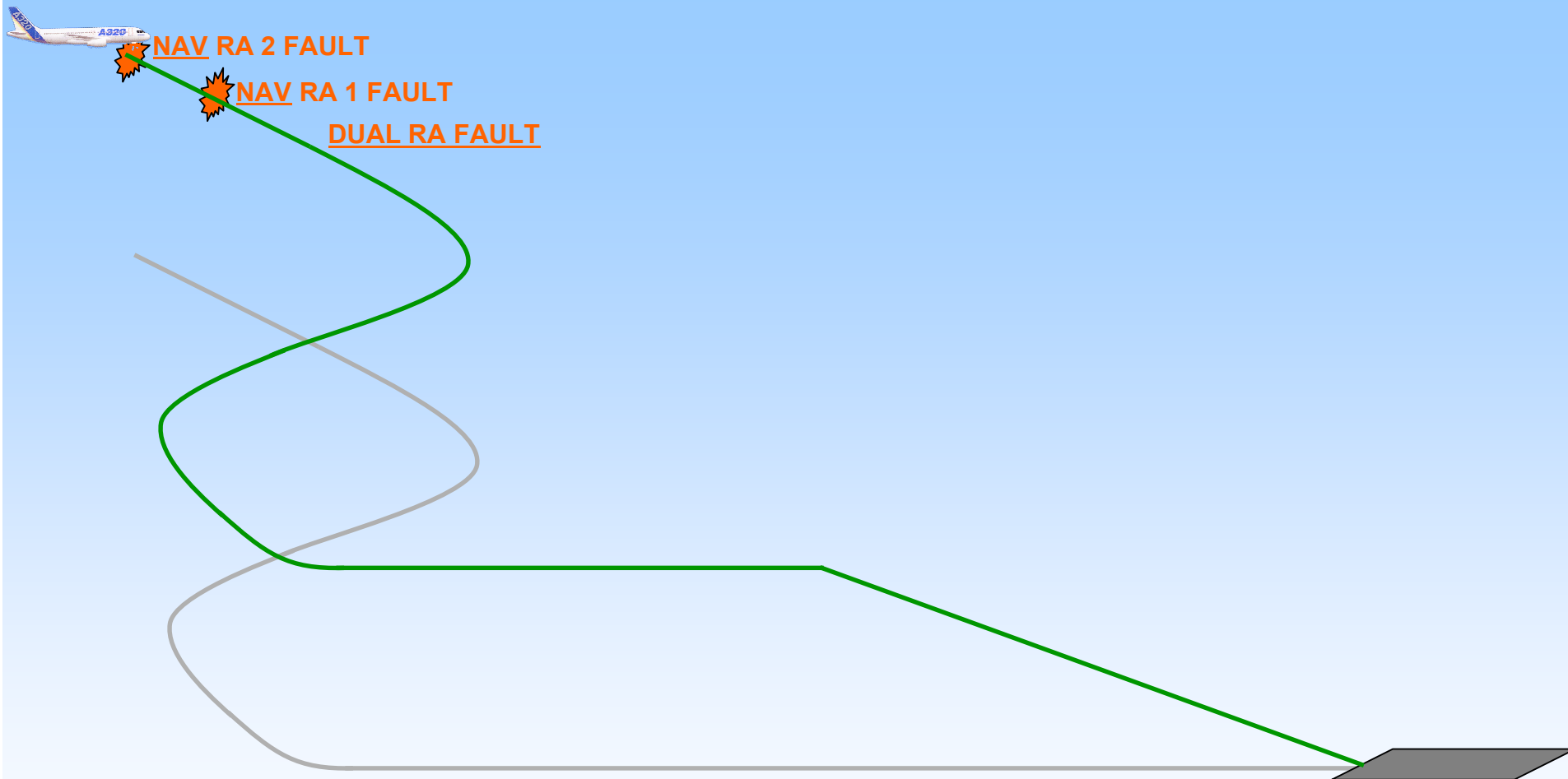


NAV : RA 1+2 FAULT



PF

PNF

1. NAV RA 2 FAULT

DETECTION

FLIES THE AIRCRAFT

NAVIGATES

CONSIDER AUTOMATION USE

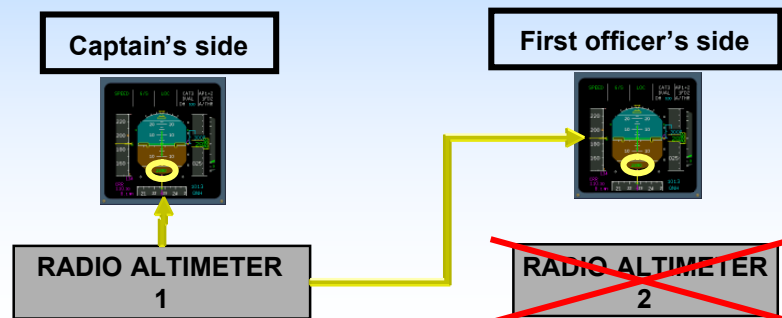
ECAM ACTIONS

ECAM PROCEDURE

SYSTEM DISPLAY

STATUS

➤ Below 2500 ft :



PF

PNF

2. NAV RA 1 FAULT

DETECTION

FLIES THE AIRCRAFT

NAVIGATES

CONSIDER AUTOMATION USE

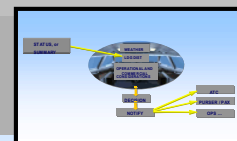
ECAM ACTIONS

ECAM PROCEDURE

SYSTEM DISPLAY

STATUS 

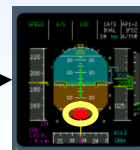
DECISION



COMMUNICATES

➤ When FLAPS 1 selected :

~~RADIO ALTIMETER
DATA~~



PF

PNF

3. APPROACH PREPARATION

ANNOUNCE....."YOU HAVE CONTROL ?"

FMGS.....PREPARE

APPR BRIEFINGPERFORM

ANNOUNCE....."I HAVE CONTROL"

ANTICIPATES DIRECT LAW CONSEQUENCES



FMGS PREPARATION :

STANDARD

+

MANUAL INSERTION OF **VAPP**



APPR BRIEFING :

STANDARD

+

STATUS

PF

PNF

4. L/G DOWN

When L/G DOWN

DETECTION

ECAM ACTIONS

ECAM PROCEDURE

SYSTEM DISPLAY

STATUS



- In final stage of the APP it is recommended to fly raw data
- Due to Direct Law, use of Manual Thrust is recommended
- Close to the ground the Flight Director will command excessive roll rates

SYNTHESIS



FLIGHT IS FROZEN TO PERMIT THE PROCEDURE APPLICATION ON THE M/FTD

APPROACH SPEED COMPUTATION

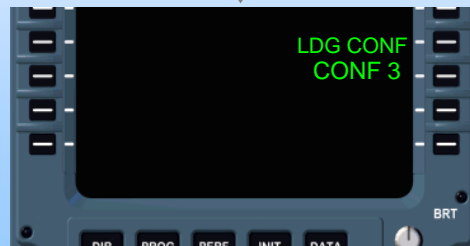
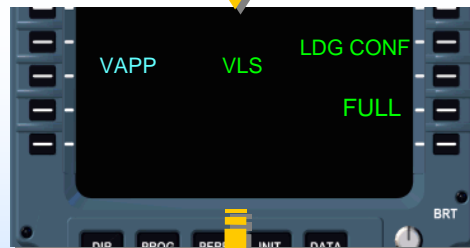
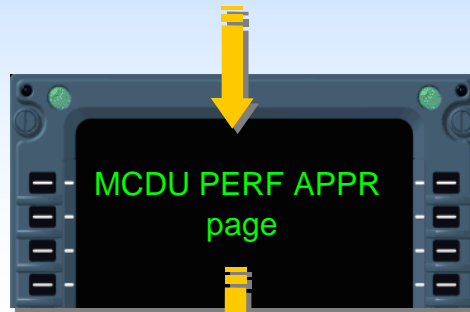
Check that NEW DEST
has been entered



Ensure that VLS & VAPP are based
on the proper weight at destination

$$VAPP = VREF + \Delta VREF (10 \text{ kt}) + \text{wind correction}$$

WIND CORRECTION	
$\Delta VREF \geq 20KT$	$\Delta VREF < 20KT$
NO WIND CORRECTION	1/3 HEADWIND ($\Delta VREF + \text{WIND CORR}$ LIMITED TO 20KT)



$\Delta VREF$ is given:

- On the ECAM, and
- On the QRH

- Select CONF FULL
- Read VREF = VLS CONF FULL
- Add 10 kt ($\Delta VREF$) to VREF
- Add wind correction
- Enter VAPP manually

LDG in CONF 3 :

- ➔ Select CONF 3

SYNTHESIS



DUAL RA FAULT

➤ APPROACH PREPARATION:

- Plan for ILS approach
- CAT I only (Approach mode inhibited)
- Configuration 3
- Approach speed: VREF + 10

➤ INTERMEDIATE APPROACH:

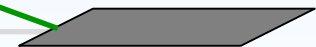
- Localizer intercept (LOC armed) or raw data approach
- Use Track- FPA

➤ L/G DOWN:

- **DIRECT LAW is active & AP disconnects**

➤ Final Approach:

- If LOC was engaged:
- FDs off and continue with FPV



STATUS ANALYSIS

Review FCOM 3.02 procedure (If time permits)

