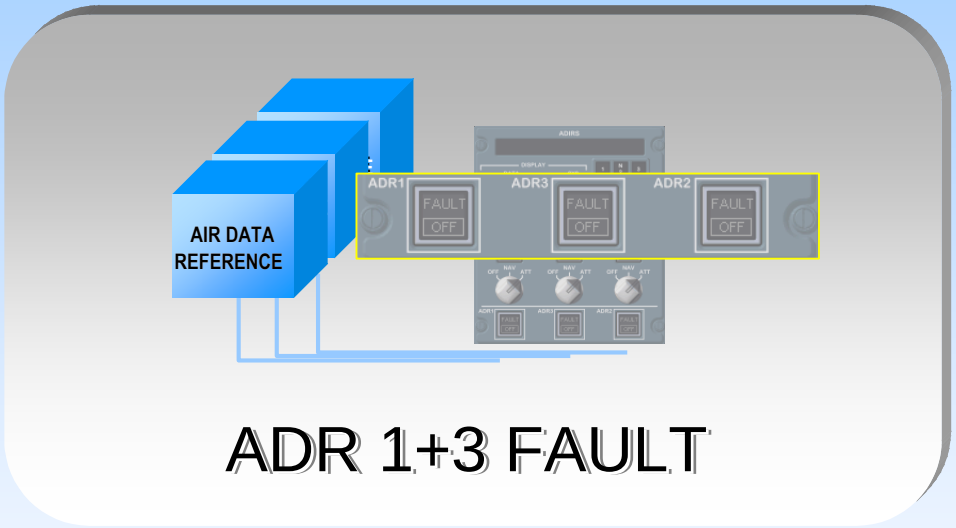
NAV ADR 1+3 FAULT



ADR 1+3 FAULT

PF

PNF

1. NAV ADR 1 FAULT

DETECTION

CM2 ⇒ PF

FLIES THE AIRCRAFT

NAVIGATES

CONSIDER AUTOMATION USE

ECAM ACTIONS

ECAM PROCEDURE

SYSTEM DISPLAY

STATUS

RETURN TO NORMAL TASK SHARING

COMMUNICATES

OBSERVE ECAM MEMO

ADIRS SWTG

PF

PNF

2. NAV ADR 1+3 FAULT

DETECTION

CM2 ⇒ PF

FLIES THE AIRCRAFT ⇒ LOSS OF AP, FD, A/THR

NAVIGATES ⇒ …Short term decision

CONSIDER AUTOMATION USE

ECAM ACTIONS

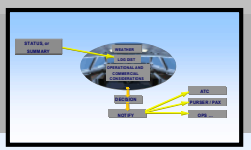
ECAM PROCEDURE

SYSTEM DISPLAY

STATUS

RETURN TO NORMAL TASK SHARING

DECISION



➢ ADR ARCHITECTURE

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

PF

PNF

3. APPROACH PREPARATION

FMGS……..PREPARE

APPR BRIEFING .....……PERFORM

Done upon PF request

FMGS PREPARATION :

STANDARD

+

MANUAL INSERTION OF VAPP

APP BRIEFING :

STANDARD

+

STATUS

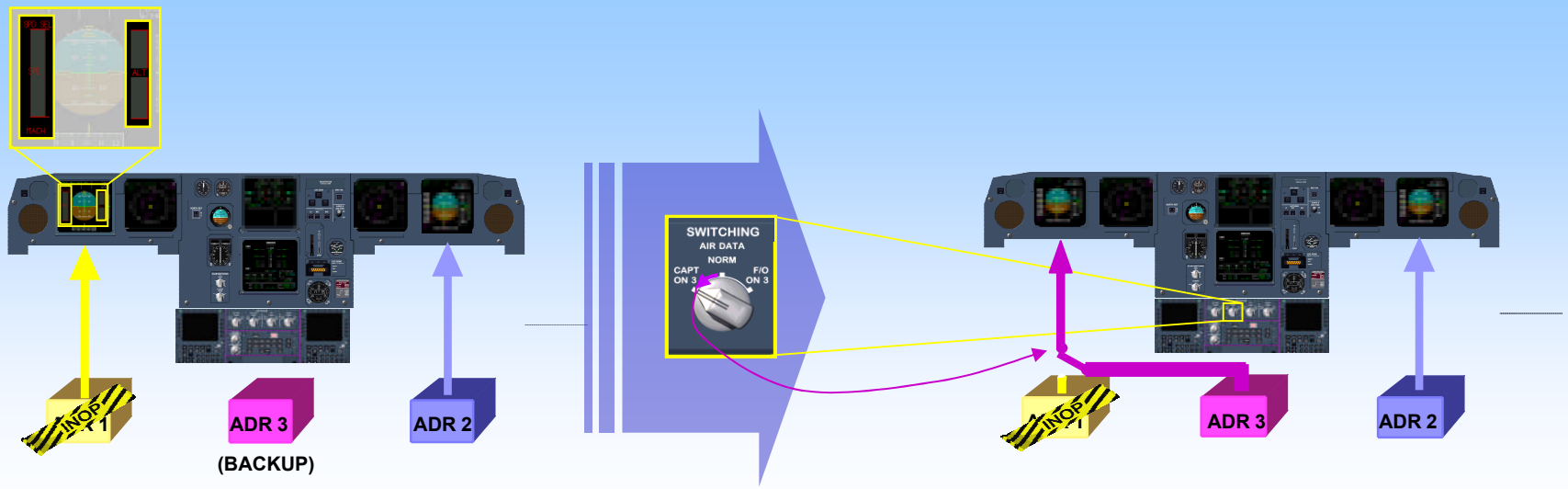
APPROACH SYNTHESIS

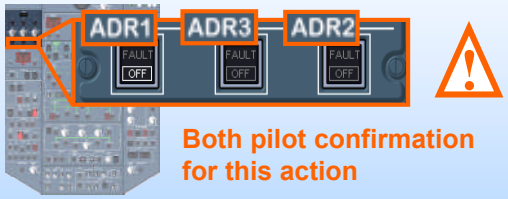
FLIGHT IS FROZEN TO PERMIT THE PROCEDURE APPLICATION ON THE M/FTD

PF

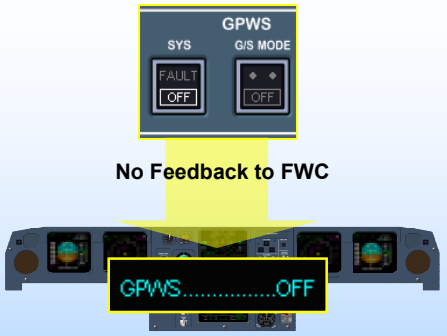
ECAM PROCEDURE

PNF





Both pilot confirmation
for this action



PF

PNF

2. NAV ADR 1+3 FAULT

DETECTION

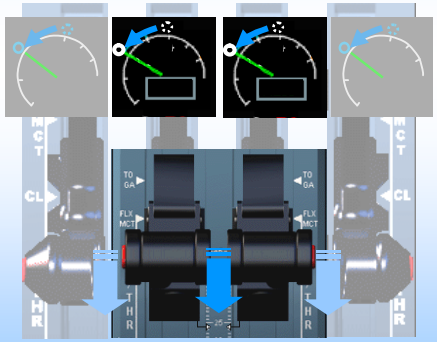
CM2 ⇒ PF

FLIES THE AIRCRAFT ⇒ LOSS OF AP, FD, A/THR

ENG THRUST LOCKED

Single Chime (every 5 sec)

Move the thrust levers to the actual thrust position



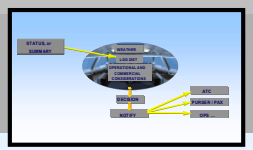
ONS

CEDURE

SPLAY

K SHARING

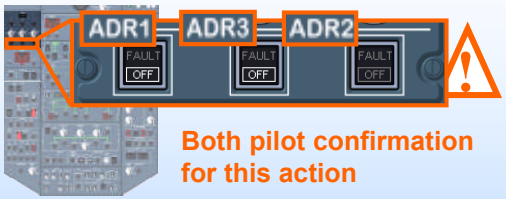
N



➢ ADR ARCHITECTURE

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

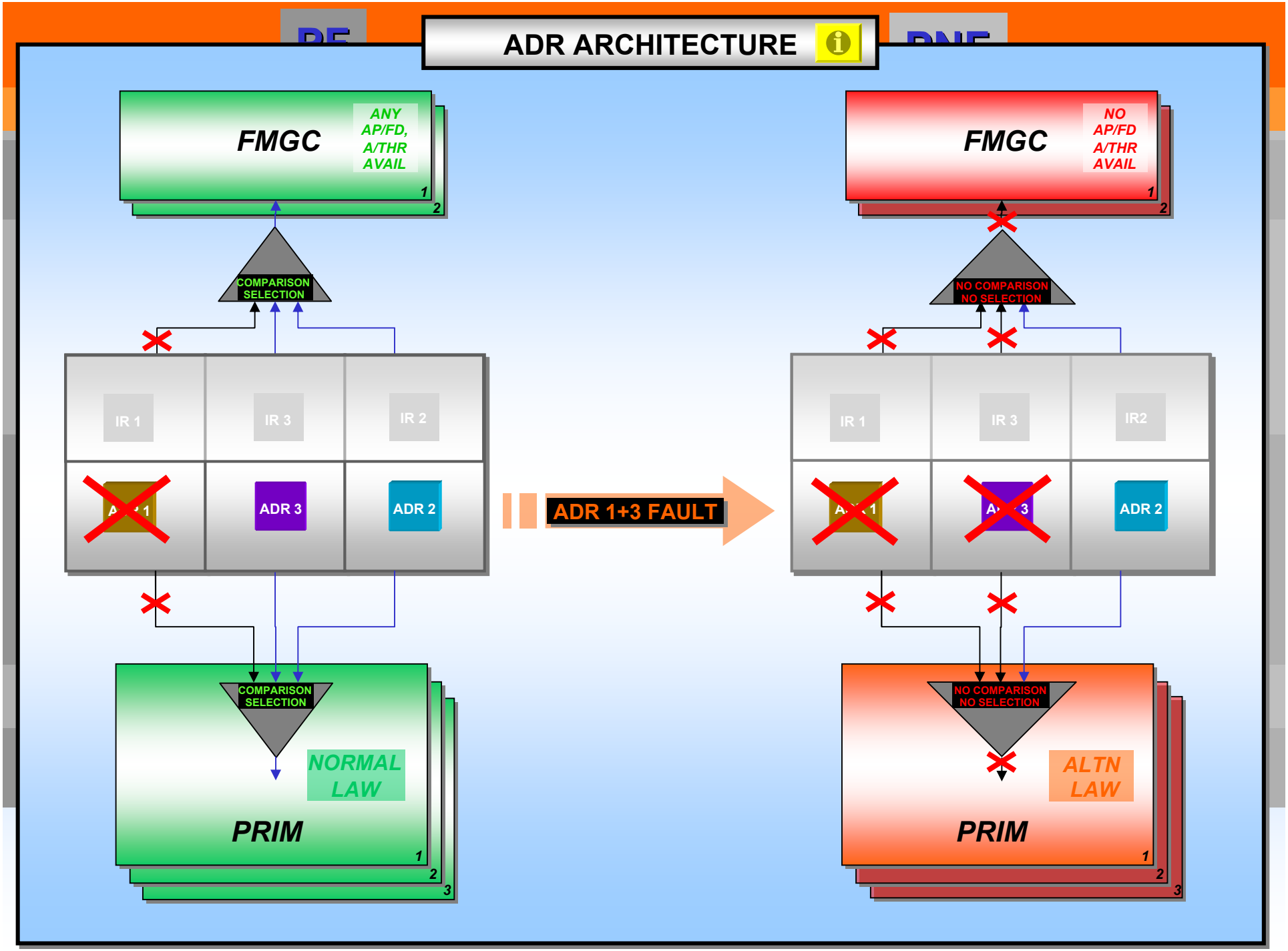
ECAM PROCEDURE



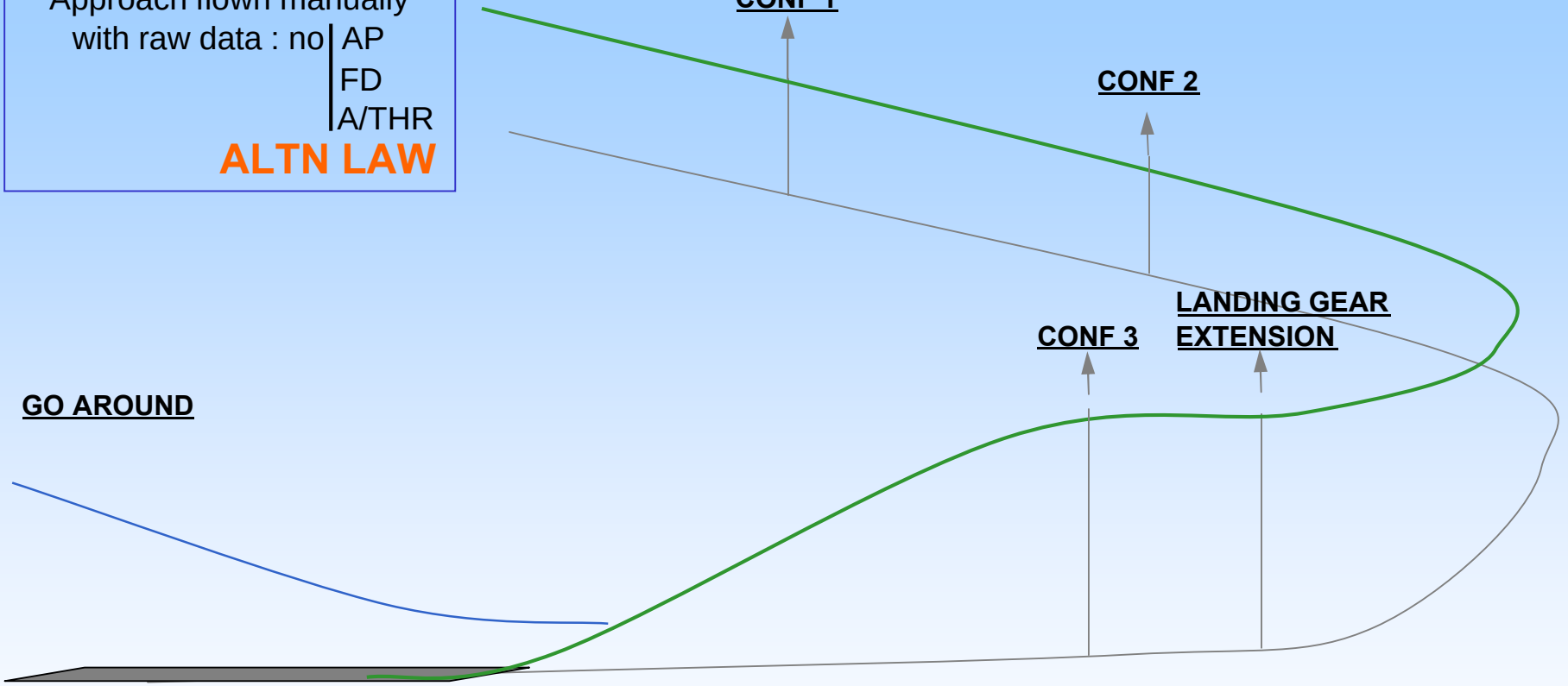
Both pilot confirmation
for this action

No Feedback to FWC

ADR ARCHITECTURE



APPROACH SYNTHESIS

Approach flown manually
with raw data : no | AP
FD
A/THR

ALTN LAW