## **ENG FAILURE AFTER T/O**





#### 1. ENG FAIL

## **DETECTION**

FLIES THE AIRCRAFT





NAVIGATES ⇒ LAND ASAP



**CONSIDER AUTOMATION USE** 



400 ft AGL



Above 400 ft and established on appropriate flight path:

# **ECAM ACTIONS**

**ECAM PROCEDURE DAMAGE?** ①



ECAM actions can be stopped at any time on PF request for trajectory, configuration...

Before EO ACC ALT

ORDER....."STOP ECAM" ECAM ACTIONS......STOP



#### **CONSIDER TOGA:**

- T/O THRUST (FLEX or TOGA) must be kept until GREEN DOT
- At TOGA, Engine Operation limited to 10 min (5 min under FAA rules)

# PNF 2. EO ACCEL ALT

At EO ACC ALT

V/S knob.....PUSH

## **CLEAN UP THE A/C**

At GREEN DOT

ALT SELECTOR knob......PULL

THR LEVERS.....MCT

### For T/O in FLEX:

THR LEVERS.....MCT



**PNF** 

#### 3. ECAM ACTIONS... DAMAGE

## **ECAM ACTIONS**

**ECAM PROCEDURE** 

SYSTEM DISPLAY

STATUS 1

RETURN TO NORMAL TASK SHARING

## **DECISION**





**EO CLR prompt : Restore predictions and performances for ALL ENGINES OPERATIVE** 

Once pressed: Reverting to ONE ENGINE OUT conditions is not possible

## **PNF**

#### 9. APPROACH PREPARATION

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

FMGS.....PREPARE

APPR BRIEFING .....PERFORM



#### **FMGS PREPARATION:**

**STANDARD** 

**APPR BRIEFING:** 

**No MANAGED NPA** 

**STANDARD** 

**STATUS** 





APPROACH WITH ONE ENGINE INOPERATIVE



**CONSIDER OVERWEIGHT LANDING** 

**EO after T/O SYNTHESIS (1)** 



## STANDBY STATUS



- > Before STATUS:
  - > NORMAL TAKEOFF C/L
  - > OEB
  - **Computer resets**

In this excercise:

ORDER""STAND BY STATUS"	ANNOUNCE"STATUS?"
AFTER TAKE-OFF C/L	









Asymetrical Thrust in T/O CONF





**ß TARGET** 



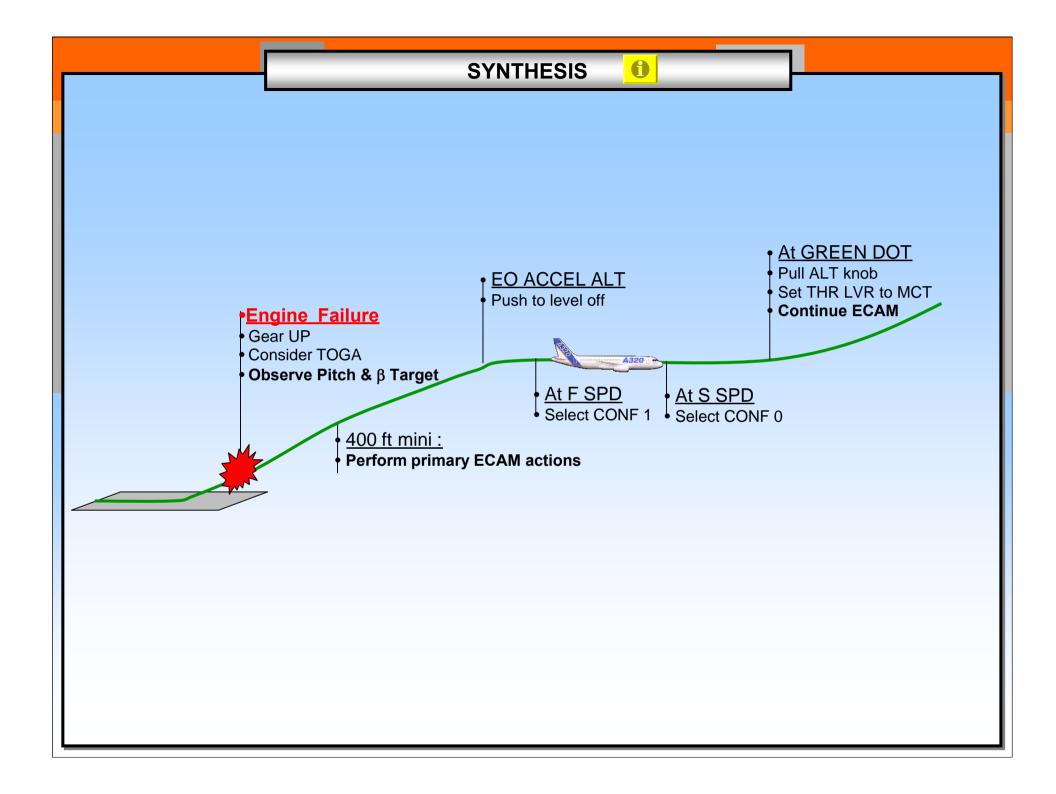
Once centered :
Appropriate sideslip for optimum climb PERF

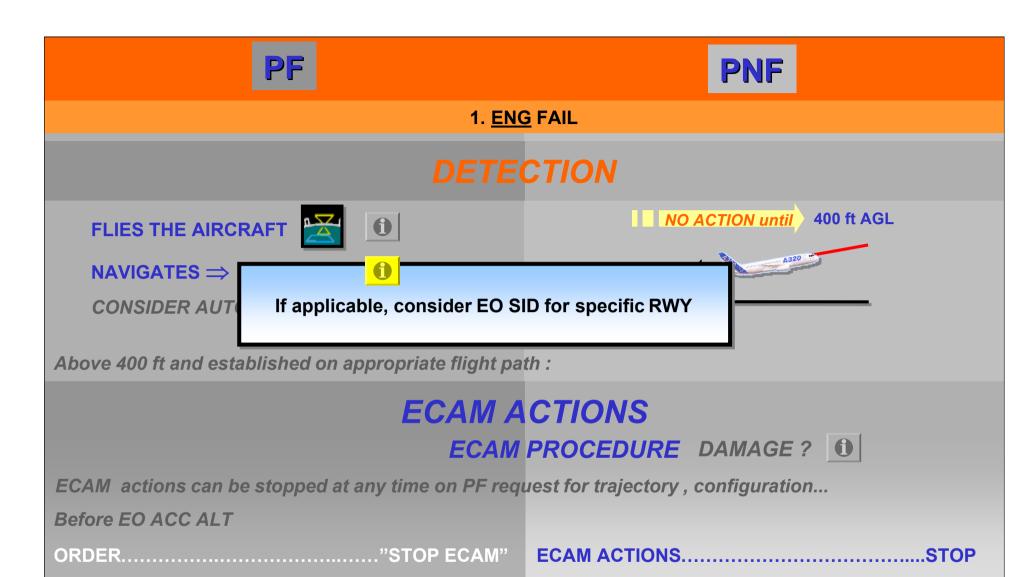
In this exercise, the Autopilot will center the ß TARGET.

## **CONSIDER ENGINE DAMAGE IF YOU NOTICE:**

- > High vibration prior to engine stopped, loud noise
- > Stall
- > Any Abnormal Indication on ENG Page (such as N1 or N2 ~ 0)

⇒No attempt of RELIGHT







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PNF

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