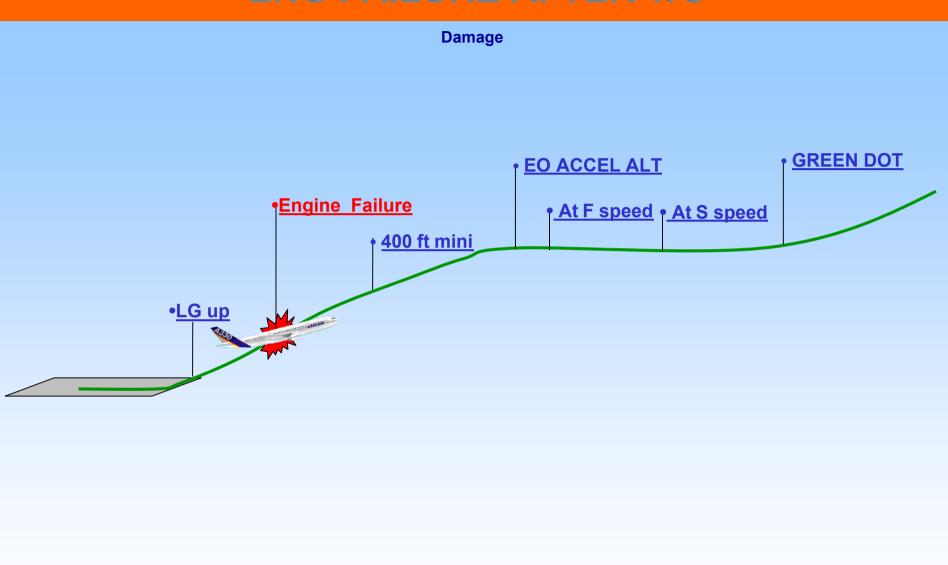
# **ENG FAILURE AFTER T/O**





### 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)

### 2. EO ACCEL ALT

At EO ACC ALT

ALT pb on FCU.....DEPRESS

# **CLEAN UP THE A/C**

At GREEN DOT

ALT SELECTOR knob.....PULL

THR LEVERS.....MCT

### For T/O in FLEX:

THR LEVERS.....MCT



### 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

#### 4. APPROACH PREPARATION

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

ANNOUNCE....."I HAVE CONTROL"

FMGS.....PREPARE

APPR BRIEFING .....PERFORM



### **FMGS PREPARATION:**

**STANDARD** 

EO T/O SYNTHESIS 1



### **APPR BRIEFING:**

**STANDARD** 

**STATUS** 





**CONSIDER OVERWEIGHT LANDING** 

### 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

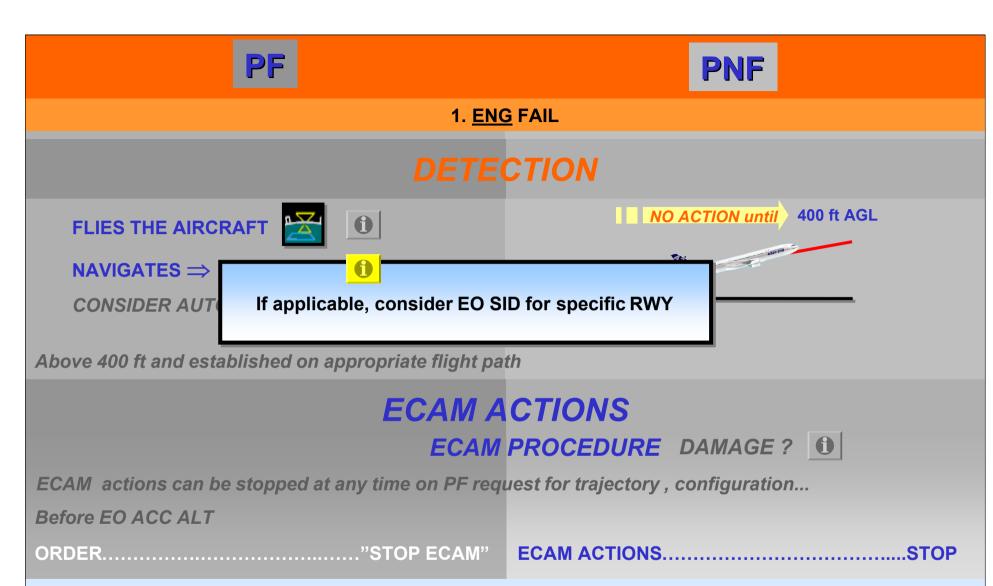
In this exercise, the Autopilot will center the ß TARGET.

### **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

# **SYNTHESIS** • At GREEN DOT Pull ALT knob EO ACCEL ALT Set THR LVR to MCT Push to level off **Continue ECAM** Engine Failure • Gear UP Consider TOGA Observe Pitch & β Target At F SPD At S SPD Select CONF 1 Select CONF 0 400 ft mini: **Perform primary ECAM actions**





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### For T/O in FLEX:

THR LEVERS.....MCT



