Docket No. SA-538

Exhibit No. 22-A

## NATIONAL TRANSPORTATION SAFETY BOARD

### Washington, D.C.

Airbus Non-Precision Approach Procedures (19 Pages)



### NATIONAL TRANSPORTATION SAFETY BOARD

Office of Aviation Safety Washington, D.C. 20594

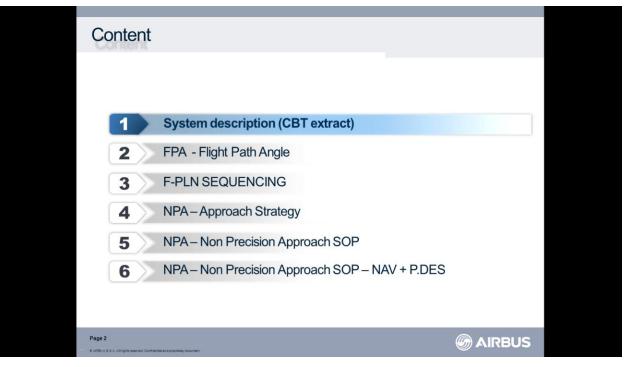
February 12, 2014

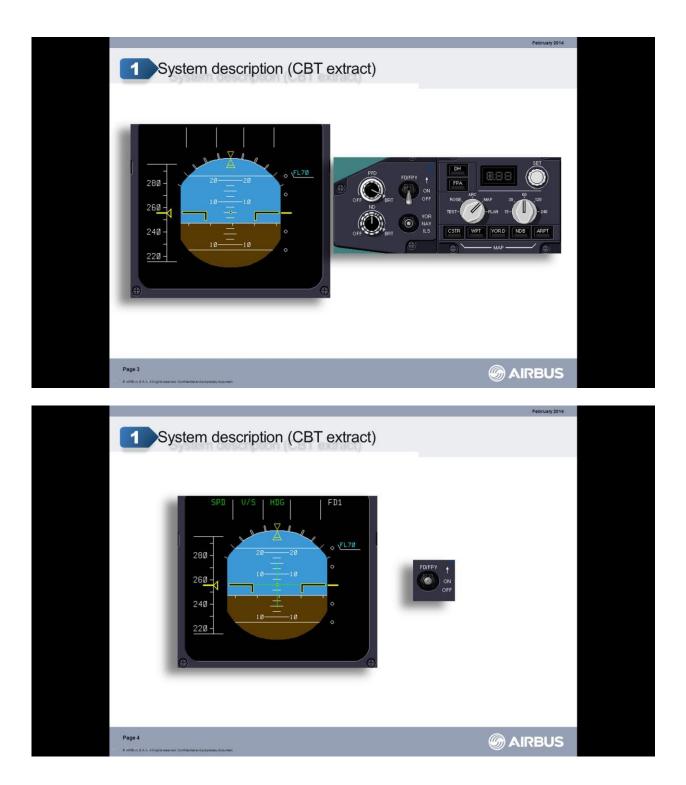
#### **Airbus Non-Precision Approach Procedures**

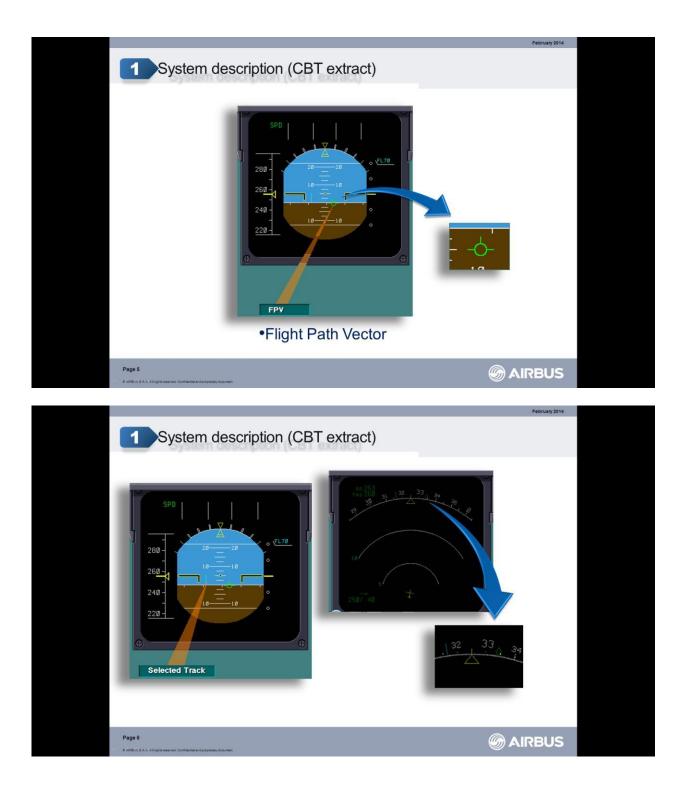
# **OPERATIONAL FACTORS**

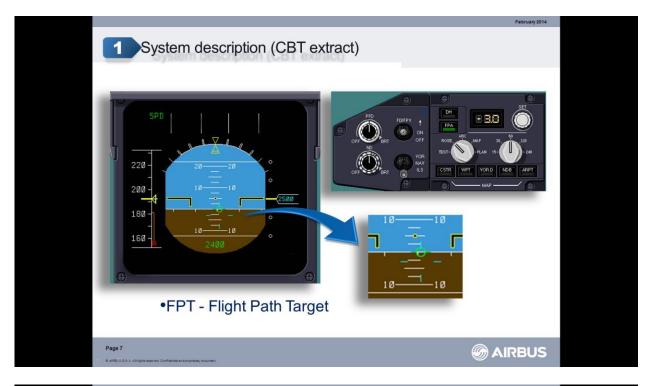
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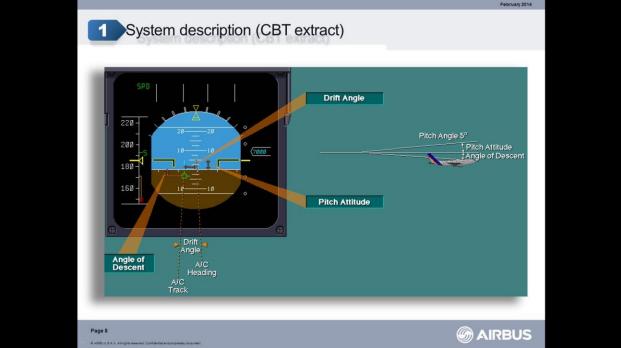


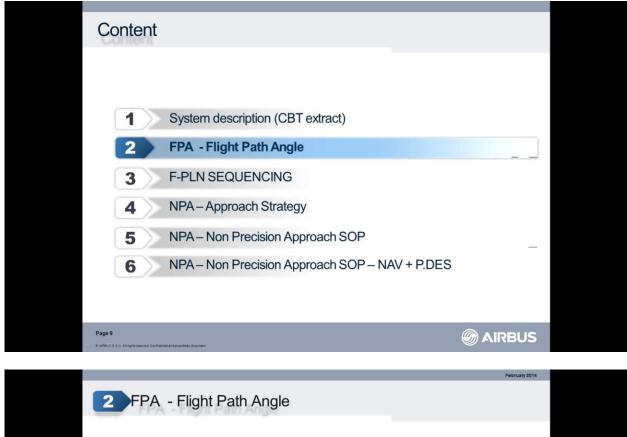




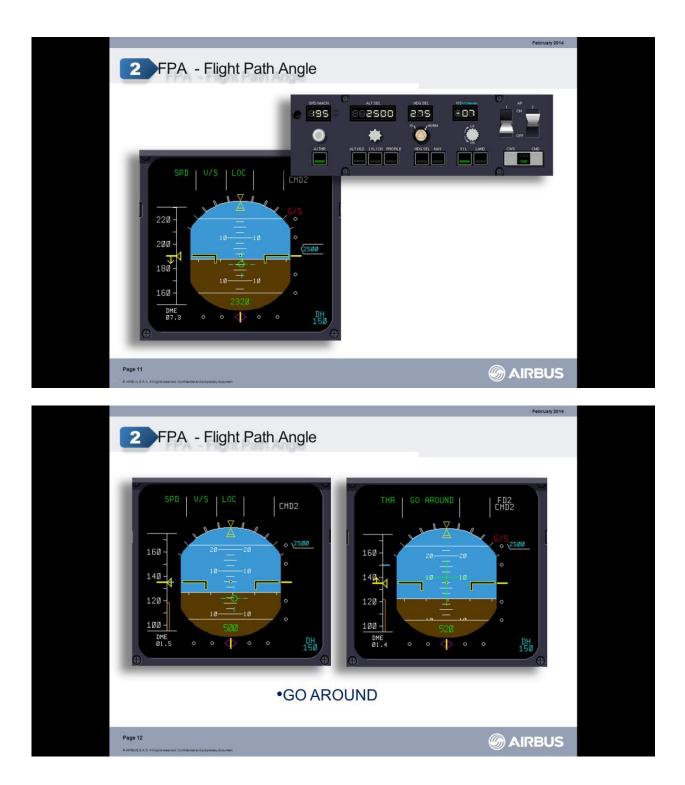












Content				
1	System description (CBT	extract)		
2	FPA - Flight Path Angle			
3	F-PLN SEQUENCING			
4	NPA-Approach Strategy	y		
5	5 NPA – Non Precision Approach SOP			
6	NPA – Non Precision App	proach SOP - NAV	+ P.DES	
Page 13 © ARBUS S.A.S. All rights reserved. Con			<b>@</b> AIRE	SUS
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			Feb	ruary 2014
3 F-PI	LN SEQUENCING			
	ASUO-SOU	DRMAL OPERATIONS ROACH GENERAL	2.32.70 PAGE 2 REV 33 SEQ 001	
F-PLN SEQU	A/C ENCING		HEV 33 SEU OUT	
In NAV mode In HDG/S mo automatically	a, the F-PLN automatically sequences. ode, the F-PLN waypoints will y sequence only if the aircraft flies prepared route.	This ensures :	]	
Correct F-PLI that :	N sequencing is important to ensure	• A coherent ND disp		
	ammed missed approach route is n case of go-around	Assistance for latera	CANAL CARLES	
	J	<ul> <li>VDEV computed assumption.</li> </ul>	on reasonable distance	

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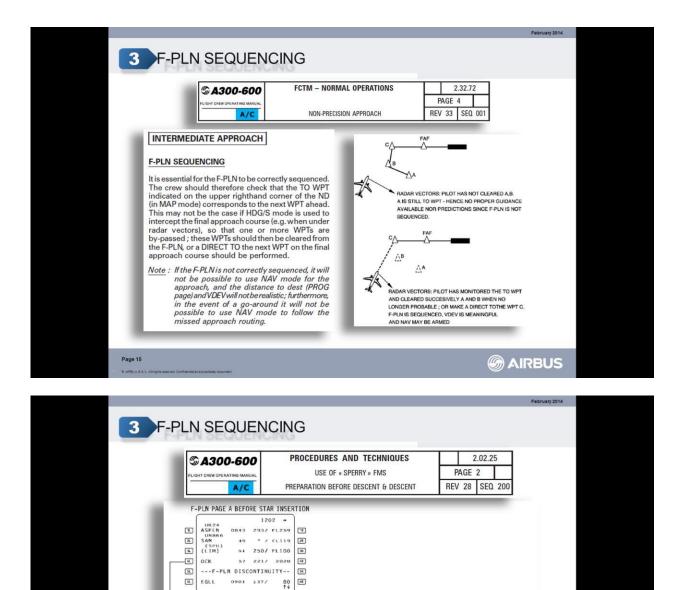
• The predictions are correct.

A good cue to monitor the proper F-PLN sequencing is the TO waypoint on the upper right side of the ND, which should be the next WPT <u>ahead</u> of the aircraft.

If under radar vectors and if automatic waypoint sequencing does not occur, it is recommended to sequence the F-PLN by either using the DIR TO function, or by deleting the FROM WPT on the F-PLN page until the next WPT to be overflown is displayed as the TO WPT on the ND.

In case of go-around, NAV mode can be engaged to follow missed approach routing as programmed in F-PLN.

6 AIRBUS



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STAR TO EGLL STARS BIGIE

1.

2. BIG1F

BIG3A

SL. B163C

6.

BIG3B 4

APPRS ILS09L

ILS09R 28

ILS27L 3

ILS27R

09L RETURN>

-

58

68

M AIRBUS

ACCESS TO LAT REV PAGE

AULESS 10 2...

12

28

3 PROC T>

42

58

HOLD>

CO RTE [ ]\* NEW RTE TO OCK/[ ]\*

RETURN> 58

11.

R

x

4.

5

(ł.)

<AIRWAY VIA/GO TO \*[ ]/[ ] NEW WPT \*[ ]

\*ENABLE ALTN

