



Workshop on ICAO Flight Plan Provision – 2012 FPL

Dakar, 12 - 14 September 2011

3rd Meeting of AFI Flight Plan Task Force - FPLT TF/3

Dakar, 15-16 September 2011



SAFETY ASSESSMENT PLANNING

Presented by ASECNA



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ICAO FPL 2012

SAFETY ASSESSMENT PLANNING



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Step 1

Description of the changes

Activities	Tasks	Duration	Deliverable
Description of the changes	<ul style="list-style-type: none">•Describe the current FPL•Describe the new FPL•Identify the changes•Define the scope of the assessment	5 days	OSD (Operational Services and Environment description) approved



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Step 2

Preparation of the Assessment Sessions

Activities	Tasks	Duration	Deliverable
<i>Preparation of the assessment sessions</i>	Attempt a meeting of the members of ASECNA FPL task force (GT-FPL2012)	1 day	<i>Working papers</i> <ul style="list-style-type: none"><i>•- RCS (Risk classification scheme)</i><i>•- Safety Assessment Methodology</i><i>•- FHA Exercise</i>



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Step 3

Conduction of the Functional Hazards Analysis (FHA) Sessions

Activities	Tasks	Duration	Deliverable
<i>Conduction of the FHA session</i>	<ul style="list-style-type: none">• <i>Meeting of brainstorming;</i>• <i>Identify hazards and analyze risks</i>• <i>Elaborate the FHA document</i>	<i>5 days</i>	<i>Deliverable FHA listing hazards, risks classification and safety objectives</i>



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Step 4

Conduction of the Preliminary System Safety Assessment (PSSA)

Activities	Tasks	Duration	Deliverable
<i>Conduction of the PSSA session</i>	<ul style="list-style-type: none"><i>•- determine the causes of dangers</i><i>•- identify the means of risks mitigation</i><i>•- perform the safety requirements</i><i>•- perform PSSA document</i>	<i>5 days</i>	<i>Document PSSA (containing the means of risks mitigation and the safety requirements)</i>



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Step 5

Implementation of Measurements of Attenuations

Activities	Tasks	Duration	Deliverable
<i>Implementation of the project (Implementation of measurements of attenuation)</i>	Satisfaction of the requirements related to: <ul style="list-style-type: none">• Equipment• Procedures• Human Resources (Training)	Duration of the project	<i>All documentation showing the satisfaction of the safety requirements</i>



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Step 6

Conduction of the System Safety Assessment – SSA -

Activities	Tasks	Duration	Deliverable
Conduction of SSA (System Safety Assessment)	<ul style="list-style-type: none"> • Fill up the SSA progressively as the project goes on • Follow up the evidences showing the satisfaction of safety requirements <ul style="list-style-type: none"> ▪ - SAT ▪ - Training Courses ▪ - OPS and maintenance procedures, etc. 	Depends on the duration of the project	Document SSA: well informed and approved



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Step 7

Conduction of the Transition

Activities	Tasks	Duration	Deliverable
<i>Conduction of the transition</i>	<ul style="list-style-type: none">•- evaluation and attenuation of the risks specific to the transition•- perform the transition plan	5 days	<i>Update the FHA, the PSSA and the SSA; transition plan approved</i>



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Step 8

Performing the Safety Case

<i>Activities</i>	<i>Tasks</i>	<i>Duration</i>	<i>Deliverable</i>
<i>Performing the safety case</i>	<ul style="list-style-type: none">- Perform the safety- Submit to the acceptance of Regulators	<i>30 days</i>	<i>Safety case accepted</i>



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Step 9

Monitoring

<i>Activities</i>	<i>Tasks</i>	<i>Duration</i>	<i>Deliverable</i>
<i>Monitoring after transfer into operations</i>	<ul style="list-style-type: none"><i>•- Identify and analyze safety events</i><i>•- Implement corrective/preventive actions</i><i>•- carry out the safety reports</i>	<i>90 days</i>	<i>Safety reports</i>

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Q/A

