

Part121a

ESTIMATING COSTS OF OPERATORS (FOR PART 91, 121, 125, 129).					[Method-7.xls]
<b>- Operators to <u>obtain</u> and <u>incorporate</u> EZAPs/EZIPs in their inspection programs and carry out inspections (initial and repeat).</b>					
	Labor Skill Needed	Cost Per Hour (\$)	Number of Hours Needed	Total Cost (\$)	
TC and STC holders (and operators with Field Approvals) <b>develop EZAPs</b> - by airplane model.					
Operators <b>obtain</b> EZAPs from TC (STC) holders; and <b>incorporate</b> EZAPs/EZIPs in their maintenance programs.					
1) Cost for operators to <b>obtain</b> EZAPs from TC (STC) holders - for one model.					
a) For large transport models.				\$x	
b) For smaller transport models.				\$x	
2) Cost of operators to <b>incorporate</b> EZAPs/EZIPs in their maintenance programs - by airplane model - and approved by FAA.					
a) For large transport models	[Engineer]	\$x	x	\$x	
b) For small transport models	[Engineer]	\$x	x	\$x	
3) FAA reviews and approves these incorporations/revisions.					
a) For large transport models	[FAA Engineer]	\$x	x	\$x	
b) For small transport models	[FAA Engineer]	\$x	x	\$x	
Cost of "incorporation" for an operator depends on: the number of airplane models => Data need for <b>airplane models, by operators.</b> [ ]	X				
4) <b>Inspection Costs:</b> Inspections by EZIP: Inspection intervals for 1 airplane over 10/20 years? - in years, etc.					

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a) From RED to <b>first</b> inspection. (RED = Rule effective date)	1 year [?]					
b) From first to <b>repeat</b> inspection.	[C or D check]					
<b>Time to inspect</b> one airplane: Inspection includes the cleaning of contaminants, etc.						
1) <b>First</b> inspection						
a) Large transport airplane	[Mechanic]			x		
b) Small transport airplane	[Mechanic]			x		
2) <b>Repeat</b> inspection						
a) Large transport airplane	[Mechanic]			x		
b) Small transport airplane	[Mechanic]			x		
<b>Cost</b> of inspection for an airplane.						
1) <b>First</b> inspection						
a) Large transport airplane	x	\$x		x	\$x	
b) Small transport airplane	x	\$x		x	\$x	
2) <b>Repeat</b> inspection						
a) Large transport airplane	x	\$x		x	\$x	
b) Small transport airplane	x	\$x		x	\$x	
5) <b>Out-of-service costs</b> of airplane						
a) <b>Additional</b> out-of-service <b>time</b> of airplane (at C or D check)						
1) <b>Initial</b> inspection						
a) Large transport airplane	[Mechanic]			x		
b) Small transport airplane	[Mechanic]			x		
2) <b>Repeat</b> inspection						
a) Large transport airplane	[Mechanic]			x	Hours	
b) Small transport airplane	[Mechanic]			x	Hours	
a) <b>Additional</b> out-of-service <b>cost</b> of airplane (at C or D check)						
[Rate-of-return to capital approach]						
1) <b>Initial</b> inspection						
a) Large transport airplane					\$x	
b) Small transport airplane					\$x	

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1] <b>Repeat</b> inspection						
a] Large transport airplane					\$x	
b] Small transport airplane					\$x	