

A Textron Company

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PROJECT TITLE:	3D modeling of Forming Tools for Model 412	
OBJECTIVE:	The objective of this project is to generate and release official 3D digital data to be supplied to Bell suppliers (KAI, L-3, etc) for the process of tool refurbishing and repair.	

DESCRIPTION:

CATIA 3D data is almost inexistent for model 412. For years, tooling has been refurbished and repaired using splashes of master tools and STPs. With years, parts are drifting away of the engineering definition causing more and more non-quality issues on the shop floor and problems for the customers in the field. The intent of this project is to create 3D data for the 412 model on parts that are due for retooling.

DELIVERABLES:			
	Produce Airframe Design 3D parts and drawings.		
<u>SCHEDULE:</u>	May – September 2010		
NO OF HOURS:	Total hours: 500		
SOFTWARE:	CATIA V4, PowerPoint		
<u>PRE-REQUISITES:</u>	 Mechanical/Aerospace Engineering Student General knowledge of aircraft structure. Familiar with CATIA V4 Familiar with PowerPoint Primary language: French 		
BENEFITS:	Avoidance of additional non-quality issues on assembly line		
PROJECT SUPERVISOR AT 7	THE UNIVERSITY:		
BELL PROJECT SUPERVISO	<u>R:</u> Simon Cloutier Tel: 450-971-6500, ext 7633		
<u>REVISION</u> :	0		

PROJECT COST:

UNIVERSITY: