PROJECT TITLE: **Implement engineering project management tools and processes**

OBJECTIVE: Improve project management by helping the project engineering organization to adopt common tools and processes amongst aircraft programs.

DESCRIPTION: A team within the project engineering organization has started to streamline existing project management tools and processes. The student will join the team to help us develop, train and implement these new streamlined tools and processes and/or reinforce the existing ones. It includes tools and processes such as:

- A project plan template in Primavera laying out our 4-phase approach and instructions on how to use it;
- A project status dashboard, common across all commercial programs, to include some key information about the project progress;
- A lessons learned database to improve our project management practices.

In addition, the student will have the opportunity to lead a small project thru all the phases to help him gain some real-life project management experience. The team will also work closely with aircraft program management to monitor the adoption of project management tools and processes.

DELIVERABLES:

- Optimized project management tools and processes
- Build training materials and deliver training sessions
- Implement a small aircraft improvement project using our tools and processes

DATES: May 8th – Aug 25th 2016 (14 wks with 2 weeks off Jul 23rd-Aug 6th)

NO OF HOURS: Total hours: 560 hrs

SOFTWARE: Primavera, SharePoint, Excel, PowerPoint, Word, Visio.

PRE-REQUISITES: Project or System Engineering Student.

- Master degree student preferred.
- General knowledge of aerospace engineering design.
- Good interpersonal and communication skills, take initiatives, results driven personality
- Fluent in French and English

BELL SUPERVISOR: **Chantal Boucher, Manager – Systems and Projects Engineering**