



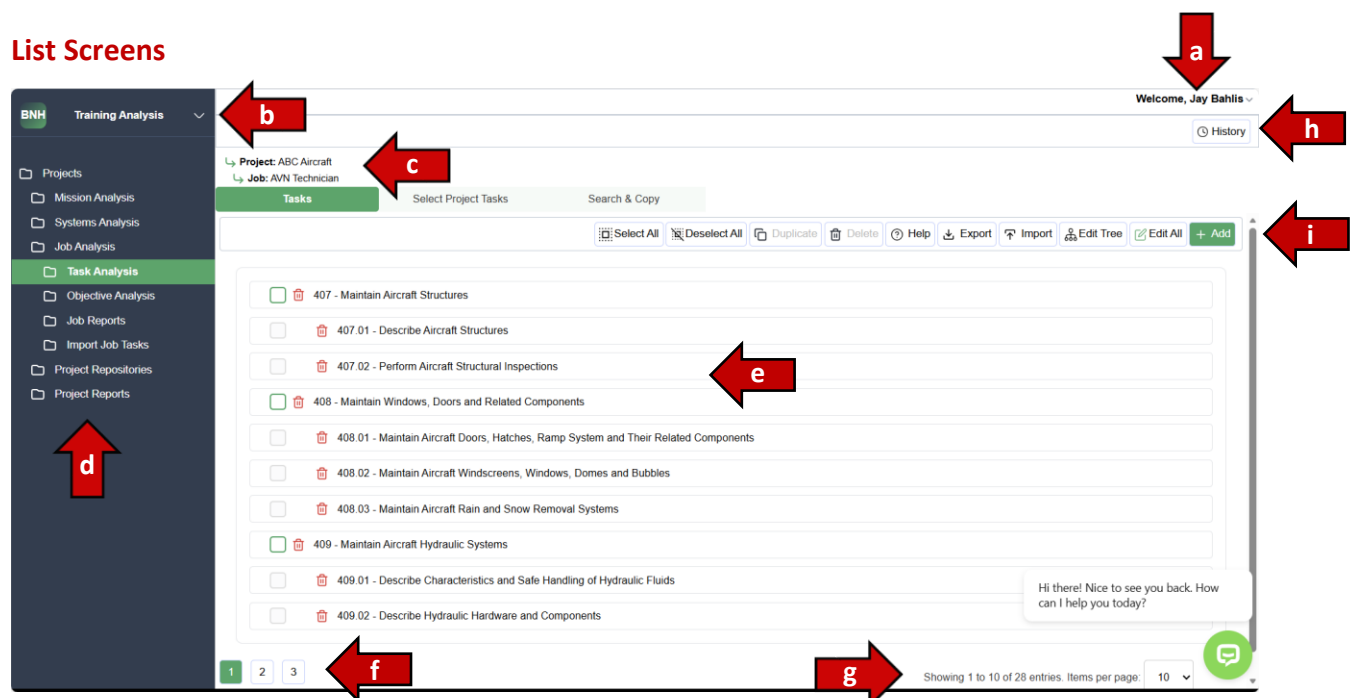
13.60 New Features

Since Last Official 13.30 Release

Elegant New User Interface

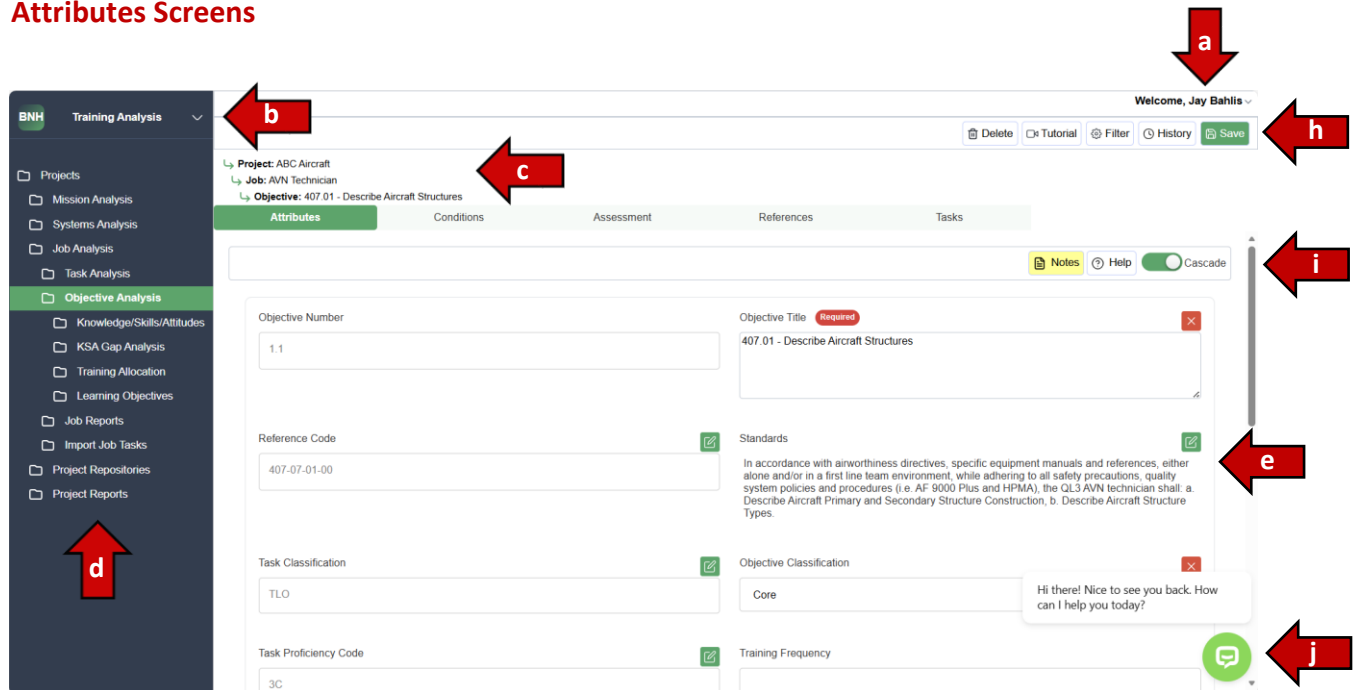
ADVISOR Enterprise the most comprehensive Training Needs Analysis (TNA) and Training Management System is unveiling a sleek new style. But this isn't just a fresh look—it's a smarter, more intuitive experience. The redesigned interface is built to minimize cognitive overload, offering clear guidance, effortless navigation, and quick access to the information you need. For illustration, key features of List and Attribute screens are presented.




List Screens



- User.** To indicate who is currently logged into ADVISOR, setup preferences and to log out.
- Module.** To indicate which module you are currently viewing and easily navigate to other modules.
- Breadcrumbs.** To indicate where you are. For example, list of Tasks and Sub Tasks for Technician for ABC Aircraft. You can navigate to Technician or ABC Aircraft by clicking on corresponding item.
- Menu.** To simplify navigation and indicate which activity (Task Analysis, for example), you are on.
- Content.** Displays the content of the menu item (Tasks and Sub Tasks, for example) and facilitates the editing of data. You may edit an item by clicking on it, edit multiple items by clicking on Edit All, modify hierarchy by clicking Edit Tree, delete an item, add an item and so forth.
- Pages.** To indicate over how many pages items are presented, which page you are currently viewing, and facilitate navigation among items.
- Displayed Items.** To indicate which items are displayed, how many items are available in total and to modify the # of items to be displayed per page.

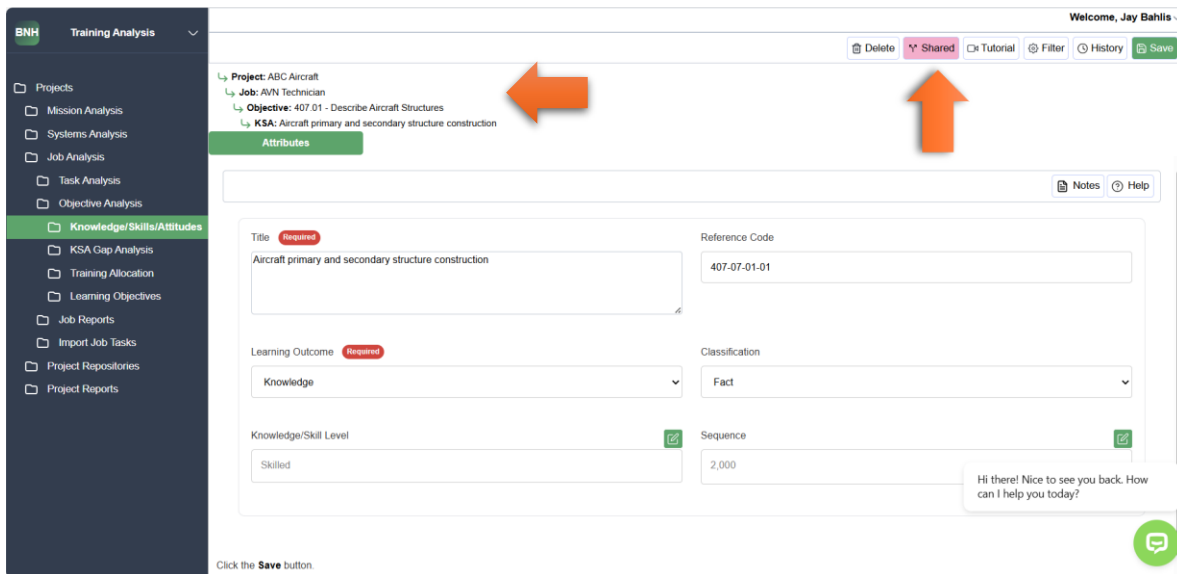
Attributes Screens



- a. **User.** To indicate who is currently logged into ADVISOR, setup preferences and to log out.
- b. **Module.** To indicate which module you are currently viewing and easily navigate to other modules.
- c. **Breadcrumbs.** To indicate where you are. For example, review/edit attributes of 407.01 Describe Aircraft Structures Objective for Technician for ABC Aircraft. You can navigate to Technician or ABC Aircraft by clicking on corresponding item.
- d. **Menu.** To simplify navigation and indicate which activity (Objective Analysis, for example), you are on. The Menu expands and contracts based on location.
- e. **Content.** Displays the attributes for selected item (Objective, for example) and facilitates the editing of data.  is displayed next to attributes that cascade from a previously defined item. To edit a field without turning the Cascade function off, click on Edit Field  icon. To restore default value, click on the Restore Default Value icon  and click Save.
- h. **1st Level Buttons.** Actions that impact all tabs. These include Save, History (of changes), Filter (hide fields), Tutorial or Delete. Key buttons such as Save are highlighted.
- i. **2nd Level Buttons.** Actions that impact tab (Attributes, for example). Include Cascade (to indicate that some attributes are streaming from a previously defined item – corresponding Task, for example). You can turn Cascade off and on by clicking on it. Other buttons include context sensitive Help, and Notes to add comments (such as assumptions). Note button is highlighted when comments are added.
- j. **Chatbot.** In addition to the context sensitive help, and step by step tutorials, an AI powered chatbot is embedded in ADVISOR Enterprise to answer ADVISOR, Instructional Design, and Standards (CFITES, JSP-822, MIL-HDBK-29612-2A, SADL and S6000T) questions. Whether you're seeking best practices or practical guidance, support is always at your fingertips.

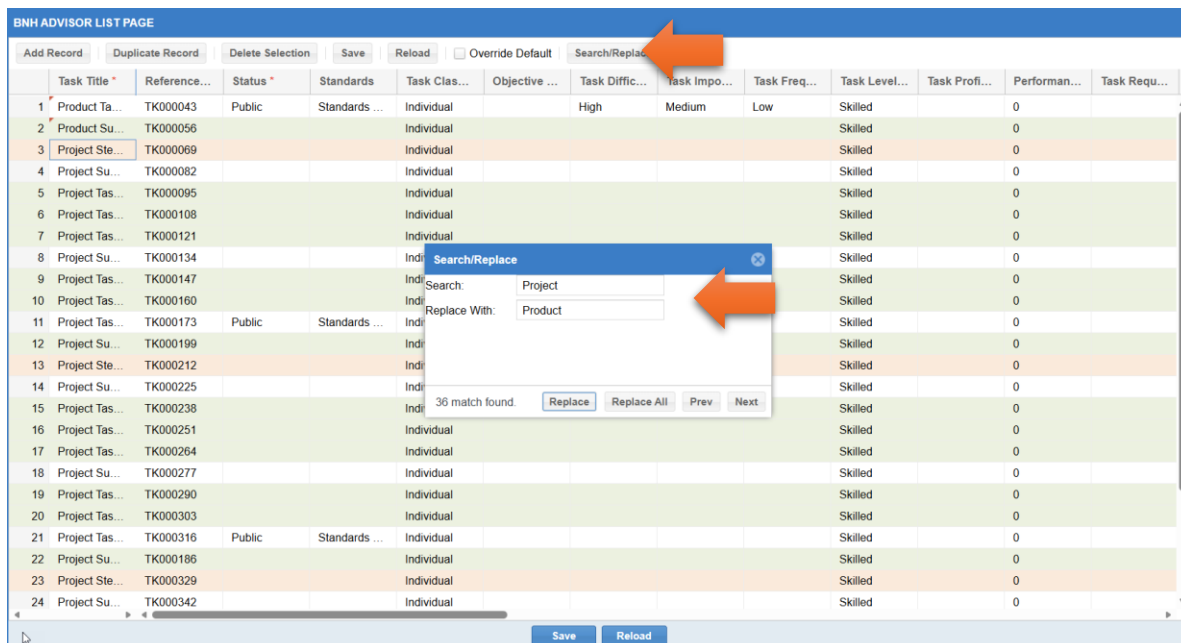
Breadcrumbs for Context and to Speed Navigation

Breadcrumbs are presented on the top of each screen to clearly indicate where you are. For example, the screen below indicates that you are viewing the attributes of the Aircraft primary and secondary structure construction knowledge, for the 407.01 – Describe Aircraft Structures task, for the Technician, for the ABC Aircraft. You may also use these breadcrumbs to quickly navigate to the project, job, and task.



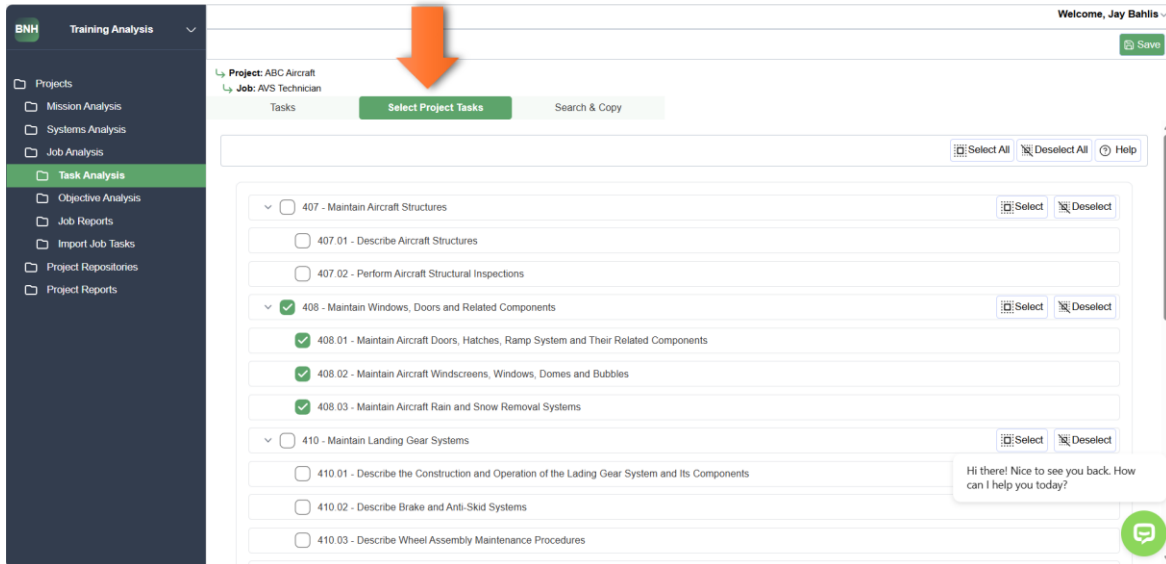
Edit All Search & Replace Function

To simplify and speed edits, a new Search and Replace function is introduced in Edit All. Simply click on the Search/Replace, input the term that you would like to replace in the Search box, input the updated text in the Replace With box, and replace all items with one click or one by one.



Simplify Project Tasks Allocation to Jobs

Project Tasks allocation to Jobs is streamlined to maintain consistency and enhance usability. Each time a Mission, System or Project Task is allocated to a Job, a Job Task is created. Similarly, each time a Project Task is removed from a Job, the corresponding Job Task is deleted. Moreover, the Project Task node under job is replaced with Select Project Tasks tab to align with Task allocations to Missions and Systems.



Assign Project Tasks to Multiple Jobs

Moreover, you can now assign Project Tasks to multiple Jobs at the same time by clicking on the **Assign Project Tasks to Jobs** button, assigning Tasks to Jobs and clicking Save.

Project Task	AVN Technician	AVS Technician	AWS Technician	ACS Technician
407 - Maintain Aircraft Structures	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
407.01 - Describe Aircraft Structures	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
407.02 - Perform Aircraft Structural Inspections	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
408 - Maintain Windows, Doors and Related Components	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
408.01 - Maintain Aircraft Doors, Hatches, Ramp System and Their Related Components	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
408.02 - Maintain Aircraft Windscreens, Windows, Domes and Bubbles	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
408.03 - Maintain Aircraft Rain and Snow Removal Systems	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
410 - Maintain Landing Gear Systems	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
410.01 - Describe the Construction and Operation of the Landing Gear System and Its Co...	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
410.02 - Describe Brake and Anti-Skid Systems	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
410.03 - Describe Wheel Assembly Maintenance Procedures	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
410.04 - Perform Maintenance on the Main Landing Gear	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
411 - Maintain Fixed-Wing Flight Control Systems	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
411.01 - Describe the Fundamental Principles of Fixed Wing Flight	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
411.02 - Service Flight Controls Systems	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
412 - Maintain Aircraft Ancillary Systems	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
412.01 - Describe Aircraft Pressurization System and Components	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
412.02 - Describe Aircraft Air Conditioning, Heating and Cooling Systems and Related C...	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
412.03 - Describe Aircraft De-Ice/Anti-Ice Systems	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
412.04 - Describe Aircraft Galley and Lavatory Equipment	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
412.05 - Perform Maintenance on Aircraft Ancillary Systems	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
413 - Maintain Aircraft Fuel Systems	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
413.01 - Service CF Aircraft Fuel Electro-Mechanical Systems	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
413.02 - Service Fuel Quantity Indication Systems	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Refine Schedules

To generate realistic schedules, users can now specify the time the course starts on each day, gaps after each lesson/activity, as well as breaks, lunch and administrative activities. To preserve schedule integrity, prerequisites are verified, and the feasibility of carrying out activities in each day based on available hours.

The top screenshot shows the 'Attributes' tab in the software. It includes a sidebar with navigation options like 'Course Analysis', 'Jobs', 'Systems', 'Missions', etc. The main area has a 'Program: Test Interface' and 'Course: Test New Interface Mission, Systems & Jobs'. Below this, there are input fields for 'Reference Code' (RC01), 'Length (hours)' (1.66), 'Start Time' (08:00 AM), and 'Sequence' (100). A 'Save' button is visible at the top right.

The bottom screenshot shows the 'Schedule' tab. It displays a table with columns: Start Time, Length (hours), End Time, and Gap (hours). The table is organized by 'Day' (Day 1, Day 2, Day 3) and lists individual lessons (Lesson 1 through Lesson 5) with their respective start and end times and durations. A 'Save' button is located at the bottom left of the table area.

Training Schedule Report

Technician Course

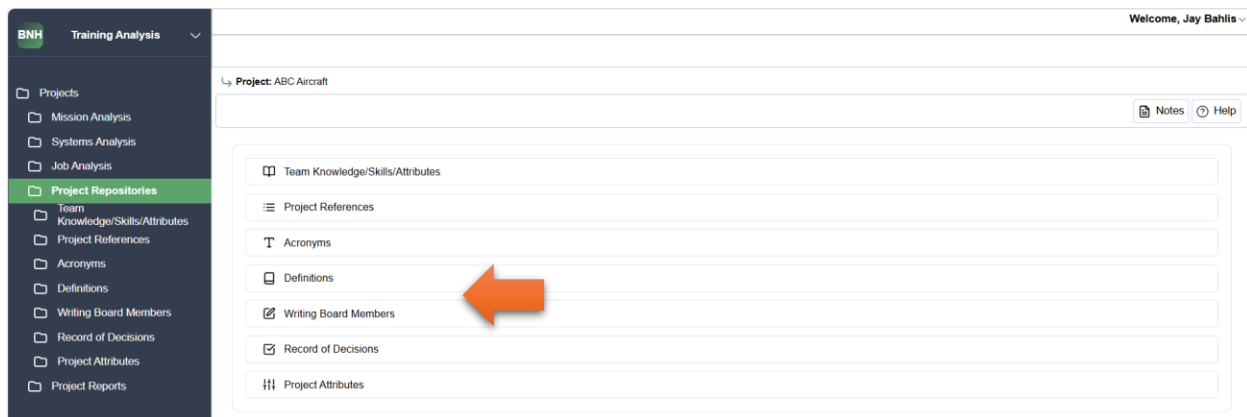
Reference Code	Lesson Title	Time	Media	Duration [minutes]	Prerequisites	Lessons	Reference Code
Day 1							
L1	Introductions	8:00 8:50	ILT	49.8			
L2	Course Objectives	9:00 9:50	ILT	49.8	Introductions		L1
L3	Prerequisites	10:00 10:50	eLearning	49.8	Introductions Course Objectives		L1 L2
	Lunch	11:00 12:00		60			
L4	Inspections	12:10 14:10	FMS	120	Prerequisites		L3
Day 2							
L5	Tools	8:00 8:50	eLearning	49.8			
L6	Preperation	9:00 9:50	eLearning	49.8	Introductions Course Objectives Prerequisites		L1 L2 L3
L7	Reports	10:00 10:50	ILT	49.8			
	Lunch	11:00 12:00		60			
L8	After Action Review	12:00 13:00	FMS	60			
L9	Validation	13:10 13:40	FMS	30			

Facilitate Data Import

Simplify the import of Basic Data Collection Forms by providing greater flexibility on how the data can be setup in Excel. For example, if you do not know the standards for all tasks or their level of difficulty, not a problem, leave those fields empty and ADVISOR will simply skip over them.

Capture Definitions

In addition to Acronyms, the Definitions for various terms can now be captured for each project and included in Training Plan reports. You can of course search and copy Definitions from one project to another!



Document Decisions by Writing Board Members

Similarly, to keep track of the reasons behind changes, Decisions by Writing Board Members can now be captured under each project and included in Training Plan reports.

Extend Training Analysis Search & Copy Function

In addition to the Keyword Search and Copy function, Needs Assessment projects with training requirements can now be copied under Training Analysis for further investigation.

Specify Preferred Media/Method

For those that already know how training will be delivered, you can specify the preferred Media and Method for each Learning Objective and skip the Media analysis.

Generate Control Documents & Reports from MS Word

To minimize the effort needed in generating control documents and reports with specific look and feel, a new function is embedded ADVISOR Enterprise for generating reports from MS Word documents. Simply specify which data should be populated from ADVISOR Enterprise in the Word document and voila, a new report will be generated with the requested data which maintaining the exact look and feel.

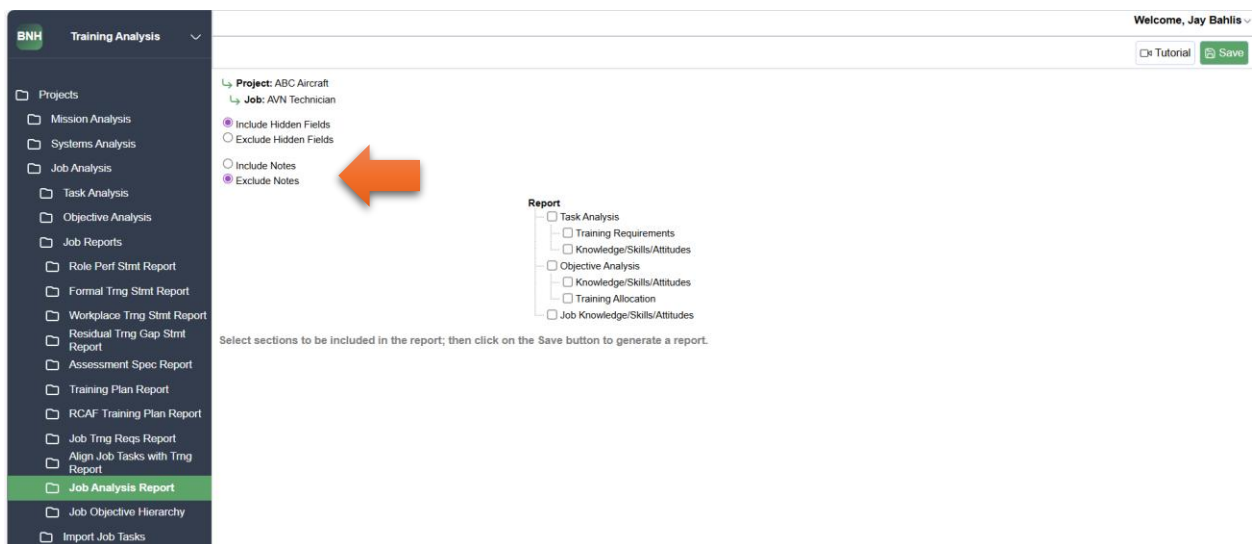
Customize Reports inline with Needs

To provide greater flexibility, users are provided with the option to include or exclude fields in the report and specify preferred measurement (hours or minutes, for example) with a few mouse clicks.



Include Notes in Reports

A new function is provided to allow users to include relevant Notes gathered throughout the project in Mission, System, Job and Course reports.



Identify Interventions Impacted by Change Report

In addition to References, Job Aids, Tools and Policies, the Identify Impact of Change report has been extended to quickly identify courses lessons and objectives that could be impacted by a change to a Project Task, Job, System or Mission.

Identify Impact of Change				
Prepared by:	Jane Brown			
Date:	2026 January 12			
AVN Technician				
Tasks/Sub Tasks	Performance/Enabling Objective	Course	Lesson	Learning Objective
407 - Maintain Aircraft Structures	407 - Maintain Aircraft Structures			
407.01 - Describe Aircraft Structures	407.01 - Describe Aircraft Structures	AVN Course	Lesson 2	Aircraft Structure Types: a. Criteria, b. Structural Shapes, c. Structure Classification, d. Stress
			Lesson 1	Full Scale Structure Testing Film: e. Fuselage Structure Types, f. Wing Structure, g. Empennage
			Lesson 1	Aircraft Primary and Secondary Structure Construction: a. Aircraft Structural Integrity, b. Types of Materials
407.02 - Perform Aircraft Structural Inspections	407.02 - Perform Aircraft Structural Inspections	AVN Course	Lesson 3	Aircraft primary & secondary structural inspection requirements and procedures: b. Investigation of damage, c. Importance of Damage Location, d. Checking Extent of Damage, e. Aircraft Reference Planes
			Lesson 3	Aircraft structural limits: a. Criteria
			Lesson 6	Aircraft alignment & symmetry check procedures
408 - Maintain Windows, Doors and Related Components	408 - Maintain Windows, Doors and Related Components	AVN Course		
408.01 - Maintain Aircraft Doors, Hatches, Ramp System and Their Related Components	408.01 - Maintain Aircraft Doors, Hatches, Ramp System and Their Related Components	AVN Course	Lesson 6	A/C Personnel Access Doors and Hatches Operation and Construction
			Lesson 6	A/C Personnel Access Doors and Hatches Inspection Requirements and Procedures
			Lesson 6	A/C Personnel Access Doors and Hatches Diagnoses and Repair Procedures
			Lesson 6	A/C Cargo/Ramp System Operation and Construction
			Lesson 2	A/C Cargo Restraint Equipment Types and Uses

Identify Job Skills Gaps

Personnel Skills Report is added to provide a quick summary of the skills that employees have as well as gaps – in other words, areas of highest training priority.

Client	KenGen
Date	2025-12-15

Team Members	Employee Number	Title	Operations decision making skills			Team coordination & communication			Collaboration and advocacy			Resource allocation		
			Possessed	Required	Gap	Possessed	Required	Gap	Possessed	Required	Gap	Possessed	Required	Gap
01 Employee	001	Technician	1	3	2	1	3	2	-	-	-	-	-	-
02 Employee	002	Technician	-	-	-	-	-	-	2	3	1	2	2	0
03 Employee	003	Technician	1	3	2	-	-	-	2	3	1	1	2	1
			1	3	2	1	3	2	2	3	1	1.5	2	0.5

Proficiency Key	Description	Score
Basic	Can apply the competency on daily routine tasks under continuous supervision.	1
Intermediate	Can apply on somewhat difficult tasks with occasional guidance.	2
Advanced	Can independently and correctly perform tasks.	3
Expert	Advanced capability and performance. Able to review compliance options and recommend preferred approaches; critique existing processes; develop and implement new ones; and can train others (the go-to expert).	4

Simplify Access to Relevant Templates

To simplify access to the right data collection templates, links are provided in each import screen to relevant data collection forms as well as how to instructions.

Compare Projects

To minimize time needed to compare projects, users can choose one or more of the following five (5) items to compare, namely: missions, systems, jobs, project tasks and repositories. The function is further optimized to allow for the generation of large reports on server and download when completed.

Identify Records with No or Duplicate Reference Codes

Reference Codes are used by ADVISOR Enterprise to (a) compare one version of a project or a course to another, (b) identify whether an item already exists when data is imported from Excel, (c) identify duplicate knowledge/skills/attitudes and so forth. To maintain integrity, a Code lookup function [Code Lookup](#) is introduced to quickly identify records with no Reference Codes as well as records with Duplicate Reference Codes. User can simply click on hyperlinks to correct, as needed.

Generate Reference Codes

Reference Codes are used by ADVISOR Enterprise to (a) compare one version of a project or a course to another, (b) identify whether an item already exists when data is imported from Excel, (c) identify duplicate knowledge/skills/attitudes and so forth. If reference codes have not been assigned to some records, ADVISOR can quickly create unique reference codes using the Generate Reference code function [Generate Code](#). Of course, the function does not alter existing Reference Codes. Since the Reference Code is critical for comparing projects and courses, it is also included as an option prior to archiving.

Identify Where Tasks are Allocated

To find out which Missions, Systems or Jobs could be impacted by a change to a Project Task, click on the Shared Tasks Report. Three (3) tables are presented to identify Missions, Systems and Jobs that are linked to each Task.

Tasks Shared Among Jobs

Project Tasks	Sub Tasks	AVN Technician	AWS Technician	AWS Technician	ACS Technician
407 - Maintain Aircraft Structures	407.01 - Describe Aircraft Structures	X			
	407.02 - Perform Aircraft Structural Inspections	X			
408 - Maintain Windows, Doors and Related Components		X	X		
	408.01 - Maintain Aircraft Doors, Hatches, Ramp System and Their Related Components	X	X		
	408.02 - Maintain Aircraft Windscreens, Windows, Domes and Bubbles	X	X		
410 - Maintain Landing Gear Systems	408.03 - Maintain Aircraft Rain and Snow Removal Systems	X	X		
	410.01 - Describe the Construction and Operation of the Landing Gear System and Its Components	X			X
	410.02 - Describe Brake and Anti-Skid Systems	X			X
411 - Maintain Fixed-Wing Flight Control Systems	410.03 - Describe Wheel Assembly Maintenance Procedures	X			X
	410.04 - Perform Maintenance on the Main Landing Gear	X			X
	411.01 - Describe the Fundamental Principles of Fixed Wing Flight	X			
412 - Maintain Aircraft Ancillary Systems	411.02 - Service Flight Controls Systems	X			
	412.01 - Describe Aircraft Pressurization System and Components	X		X	
	412.02 - Describe Aircraft Air Conditioning, Heating and Cooling Systems and Related Components	X		X	
	412.03 - Describe Aircraft De-Ice/Anti-Ice Systems	X		X	
	412.04 - Describe Aircraft Galley and Lavatory Equipment	X		X	
413 - Maintain Aircraft Fuel Systems	412.05 - Perform Maintenance on Aircraft Ancillary Systems	X		X	
	413.01 - Service CF Aircraft Fuel Electro-Mechanical Systems	X			
	413.02 - Service Fuel Quantity Indication Systems	X			
Operate EO/IR	Describe the EO/IR				
	Operate the EO/IR				
Maintain the EO/IR	Perform Corrective Maintenance				
	Perform Preventative Maintenance				

Identify Where Knowledge, Skills & Attitudes are Allocated

To find out which Tasks and Objectives, and in-turn Missions, Systems or Jobs could be impacted by a change to a Knowledge, Skill or an Attitude, click on the Shared KSA Report. Three (3) tables are presented to identify Missions, Systems and Jobs Tasks and Objectives that are linked to each Knowledge, Skill or Attitude.

Shared KSAs Report					
Project:		ABC Aircraft (Copy)			
Prepared by:		Teresa Black			
Date:		November 12, 2026			
KSAs Shared Among Jobs					
Knowledge/Skills/Attitudes	Learning Outcome	AVN Technician		AVS Technician	
		Tasks	POs	Tasks	POs
Aircraft primary and secondary structure construction	Knowledge	* 407.01 - Describe Aircraft Structures	* 407.01 - Describe Aircraft Structures		
Aircraft structure types	Knowledge	* 407.01 - Describe Aircraft Structures	* 407.01 - Describe Aircraft Structures		
Full scale structure testing	Knowledge	* 407.01 - Describe Aircraft Structures	* 407.01 - Describe Aircraft Structures		
Aircraft primary & secondary structural inspection	Knowledge	* 407.02 - Perform Aircraft Structural Inspections	* 407.02 - Perform Aircraft Structural Inspections		
Aircraft structural limits	Knowledge	* 407.02 - Perform Aircraft Structural Inspections	* 407.02 - Perform Aircraft Structural Inspections		
Aircraft alignment & symmetry	Knowledge	* 407.02 - Perform Aircraft Structural Inspections	* 407.02 - Perform Aircraft Structural Inspections		
Doors and hatches operation and construction	Knowledge	* 408.01 - Maintain Aircraft Doors, Hatches, Ramp System and Their Related Components	* 408.01 - Maintain Aircraft Doors, Hatches, Ramp System and Their Related Components	* 408.01 - Maintain Aircraft Doors, Hatches, Ramp System and Their Related Components	
Doors and hatches inspection	Knowledge	* 408.01 - Maintain Aircraft Doors, Hatches, Ramp System and Their Related Components	* 408.01 - Maintain Aircraft Doors, Hatches, Ramp System and Their Related Components	* 408.01 - Maintain Aircraft Doors, Hatches, Ramp System and Their Related Components	
Doors and hatches diagnoses and repair	Knowledge	* 408.01 - Maintain Aircraft Doors, Hatches, Ramp System and Their Related Components	* 408.01 - Maintain Aircraft Doors, Hatches, Ramp System and Their Related Components	* 408.01 - Maintain Aircraft Doors, Hatches, Ramp System and Their Related Components	
A/C cargo/ramp system operation and construction	Knowledge	* 408.01 - Maintain Aircraft Doors, Hatches, Ramp System and Their Related Components	* 408.01 - Maintain Aircraft Doors, Hatches, Ramp System and Their Related Components	* 408.01 - Maintain Aircraft Doors, Hatches, Ramp System and Their Related Components	
A/C cargo restraint equipment	Knowledge	* 408.01 - Maintain Aircraft Doors, Hatches, Ramp System and Their Related Components	* 408.01 - Maintain Aircraft Doors, Hatches, Ramp System and Their Related Components	* 408.01 - Maintain Aircraft Doors, Hatches, Ramp System and Their Related Components	
Aircraft windscreens, windows, domes & bubbles operation	Knowledge	* 408.02 - Maintain Aircraft Windscreens, Windows, Domes and Bubbles	* 408.02 - Maintain Aircraft Windscreens, Windows, Domes and Bubbles	* 408.02 - Maintain Aircraft Windscreens, Windows, Domes and Bubbles	
Aircraft windscreens, windows, domes & bubbles inspection	Knowledge	* 408.02 - Maintain Aircraft Windscreens, Windows, Domes and Bubbles	* 408.02 - Maintain Aircraft Windscreens, Windows, Domes and Bubbles	* 408.02 - Maintain Aircraft Windscreens, Windows, Domes and Bubbles	
Aircraft windscreens, windows, domes & bubbles repair	Knowledge	* 408.02 - Maintain Aircraft Windscreens, Windows, Domes and Bubbles	* 408.02 - Maintain Aircraft Windscreens, Windows, Domes and Bubbles	* 408.02 - Maintain Aircraft Windscreens, Windows, Domes and Bubbles	

Simplify QS, TP and QSP Report Generation

To simplify and speed QS, TP and QSP report generation, attributes can be easily copied from a previous report using the new Auto Populate function.

Rest APIs

To facilitate data exchange with other systems, Rest APIs are introduced in the latest ADVISOR release to allow verified external systems to quickly access job performance and enabling objectives, standards, conditions, as well as the training plan for any job. This includes learning objectives, length, media, method and so forth.

Support Tomcat 10.xx, 11.xx and OpenJDK

There is a significant change between Tomcat 9.0.x and Tomcat 10.0.x. The Java package used by the specification APIs changed from javax... to jakarta.... This in-turn made it necessary to recompile web applications against the new APIs. To extend the support to Tomcat version 10.xx and 11.xx while maintaining the support to Tomcat versions 8.xx and 9.xx, two versions of ADVISOR are provided. bnh-t9.zip to support Tomcat version 8.xx and 9.xx, and bnh-t10.zip to support version 10.xx and 11.xx.