

MAINTENANCE PERFORMANCE TOOLBOX

STRUCTURES MODULE

The **Structures module** includes a comprehensive suite of functions that enable you to efficiently maintain a structural repair history database that includes

- Repair details.
- Supporting documentation.
- Links to reference information.
- Spatial coordinates of repair locations.

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CREATE AND MANAGE STRUCTURAL REPAIR RECORDS

The Structures module helps you to

- Record repair history in a database integrated with 3D airplane models.
- Convert legacy records into database for a complete set of repair records for your fleet.
- Search and review structural repair records for individual airplanes or across fleets, making use of accumulated repair knowledge.
- Attach supporting documentation to repair records for secure storage and quick online access.
- Plot repairs on 3D models of the airplane structure, providing easy identification of repair locations.
- Create “Dent and Buckle” reports that can be printed to identify status of previously noted allowable damage during airplane walk-arounds.
- Selectively allow permission to the record features and share access to repair histories with your maintenance, repair, and overhaul (MRO) partners, leasing companies, and Boeing.

Key benefits

- Helps you to comply with recordkeeping requirements levied by regulatory authorities.
- Provides an intuitive user interface using interactive 3D models.
- Allows quicker research, analysis, and reuse of airplane repairs.
- Helps you to manage repair records, with quick access to all records during maintenance or lease bridge.



Key notes

- Data conversion service is available.
- Does not require the Library module.