Contents

1. Scenario 1: Part-M Operating Scheme
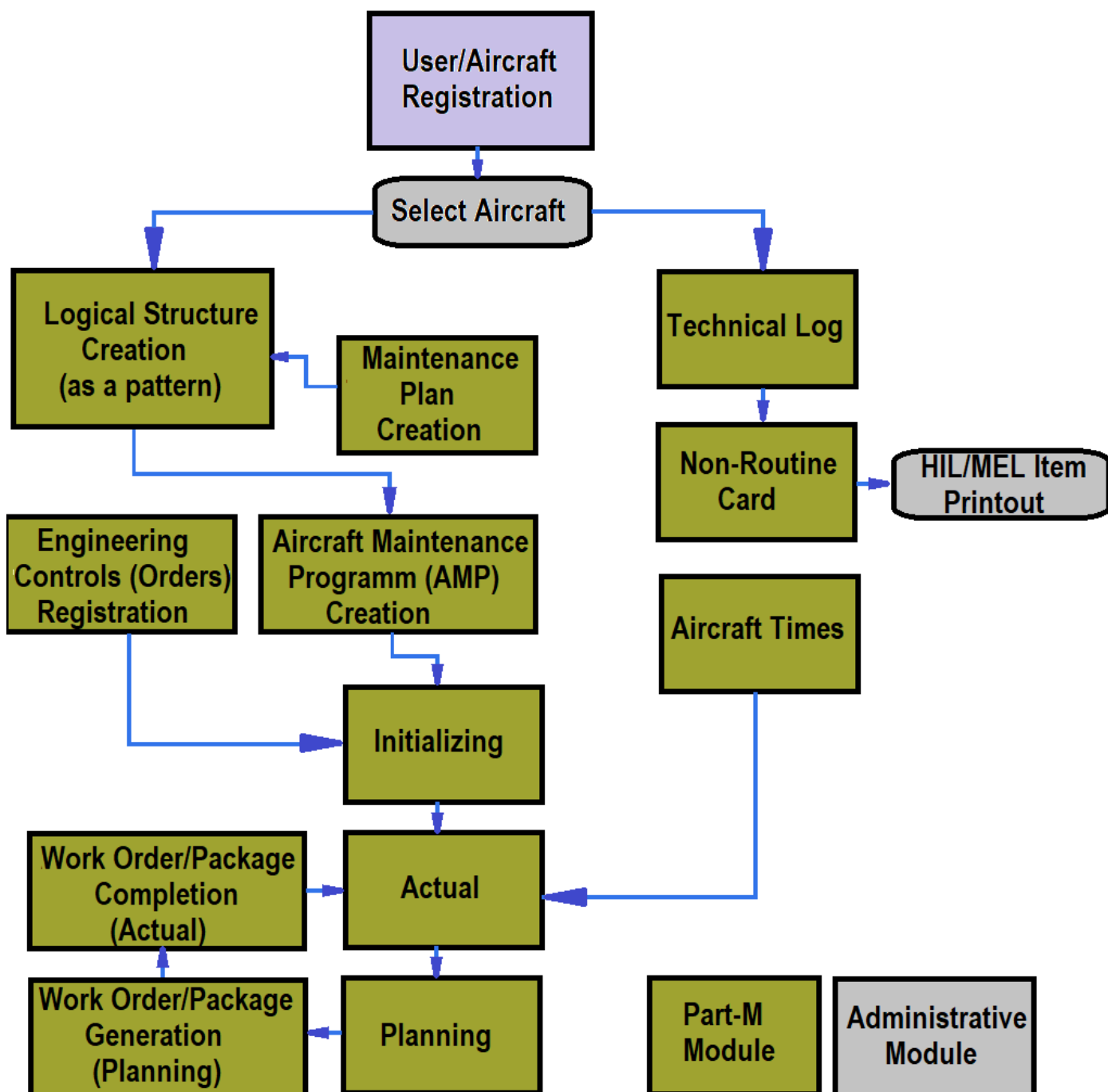
2. Scenario 2: Maintenance Plan Creation
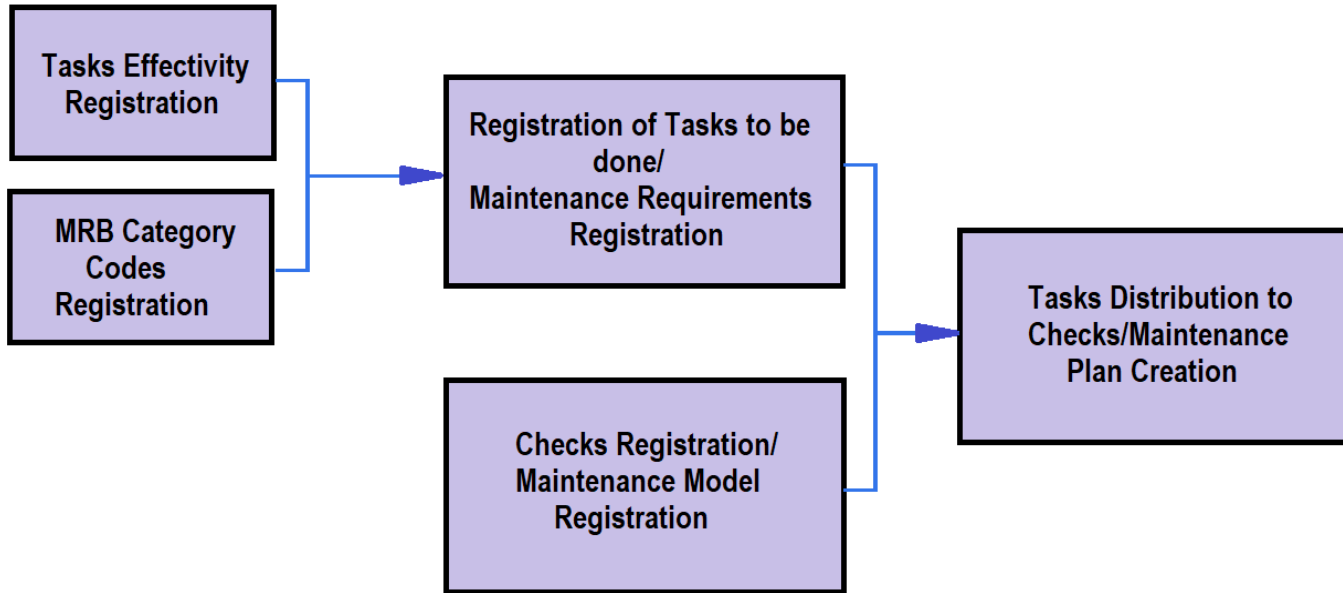
1.Task Effectivity Registration: reference to the Maintenance Plan (chapter I, part 'Task Effectivity')

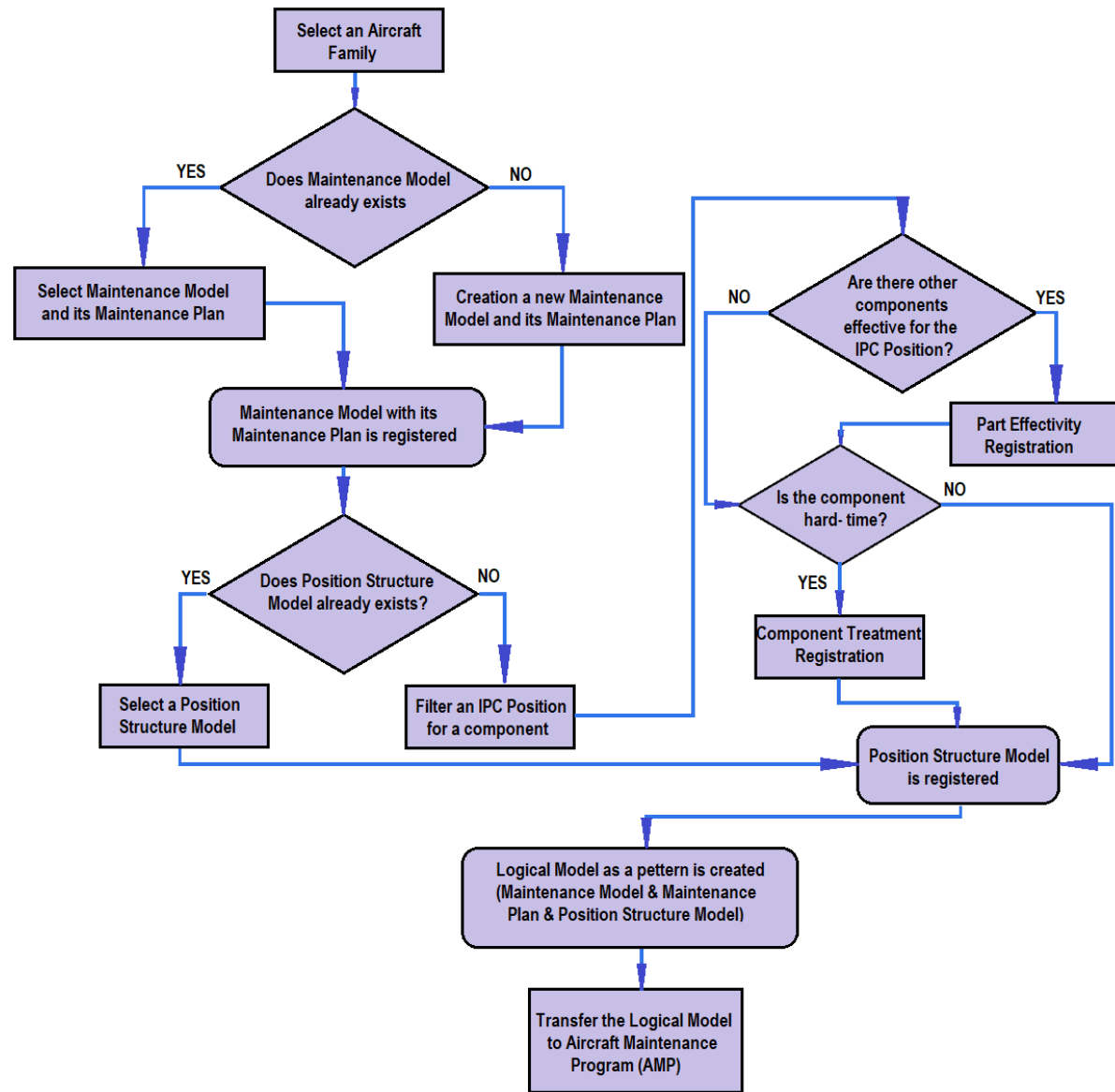2. MRB Registration: reference to the Maintenance Plan (chapter I, part 'MRB Category Codes')

3. Maintenance Requirements Registration: reference to the Maintenance Plan (chapter I, part 'Maintenance Requirements')

4. Checks Registrations: reference to the Maintenance Plan (chapter I, part 'Maintenance Model')

5. Tasks Distribution: reference to the Maintenance Plan (chapter I, part 'Maintenance Plan')

3. Scenario 3: Logical Model Creation and its Transfer to Aircraft Maintenance Program

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                          ┌─────────────────┐
                          │ Select an Aircraft │
                          │     Family        │
                          └─────────────────┘
                                   │
              YES          ◇ Does Maintenance Model ◇          NO
       ┌──────────────────    already exists    ──────────────────┐
       │                      ◇                ◇                   │
       ▼                                                           ▼
┌─────────────────┐                              ┌─────────────────────┐
│ Select Maintenance Model │                     │ Creation a new Maintenance │
│ and its Maintenance Plan │                     │ Model and its Maintenance Plan │
└─────────────────┘                              └─────────────────────┘
```

- Select an Aircraft Family
- Does Maintenance Model already exists
  - YES → Select Maintenance Model and its Maintenance Plan
  - NO → Creation a new Maintenance Model and its Maintenance Plan
- Maintenance Model with its Maintenance Plan is registered
- Does Position Structure Model already exists?
  - YES → Select a Position Structure Model
  - NO → Filter an IPC Position for a component
- Are there other components effective for the IPC Position?
  - NO
  - YES → Part Effectivity Registration
- Is the component hard-time?
  - YES → Component Treatment Registration
  - NO
- Position Structure Model is registered
- Logical Model as a pettern is created (Maintenance Model & Maintenance Plan & Position Structure Model)
- Transfer the Logical Model to Aircraft Maintenance Program (AMP)

4. Scenario 4: Work Package Creation and Completion
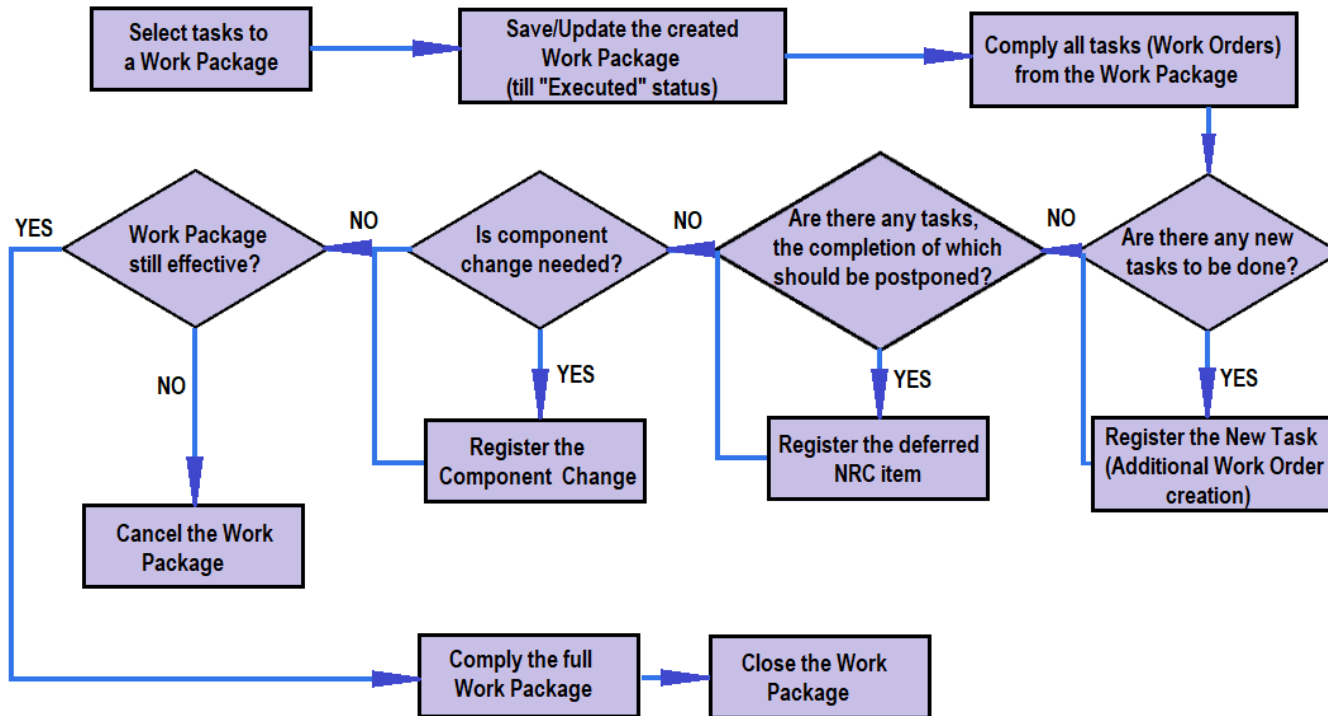
1. Select Tasks: reference to the Planning (chapter VIII, part 'Work Package Creation')

2.Save/ Update the WP: reference to the Planning (chapter VIII, part 'Work Package Creation')

3. Comply Tasks: reference to the Actual (chapter IX, part 'Actual Overview and Work Packages Completion')

4. New Task Registration: reference to the Actual (chapterIX, part 'Additional Work Order & Deferred Task Cards')

5. Deferred Task Registration: reference to the Actual (chapter IX, part 'Additional Work Order & Deferred Task Cards')

6. Cancel/ Comply/ Close the WP: reference to the Actual (chapter IX, part 'Actual Overview and Work Packages Completion'