

Path to Eagle — Tracker & Timeline

Version: 1.0 (Initial Release)

Workbook: `Path_to_Eagle_Complete_Tracker.xlsx`

A full-journey tracker for Scouts (Scout → Tenderfoot → Second Class → First Class → Star → Life → Eagle) with: - rank requirement tables, - automatic eligibility & projected Board of Review (BOR) dates, - a simplified Gantt timeline, - a print-friendly progress report, - a centralized **Profile** (feeds a header on every sheet), - a **Leadership Log** (feeds “Approved By” dropdowns for sign-offs).

Contents

- [1. Purpose & Scope](#)
 - [2. What's Included \(Sheets Overview\)](#)
 - [3. Quick Start \(5 minutes\)](#)
 - [4. Profile Tab \(Scout-User\)](#)
 - [5. Leadership Log \(Approvers\)](#)
 - [6. Standard Header on Every Sheet](#)
 - [7. Rank Sheets \(Scout → Eagle\)](#)
 - [8. Eagle Badges \(14 Required + 7 Electives\)](#)
 - [9. Overview \(Rank Timeline\)](#)
 - [10. Progress Report \(Printable One-Pager\)](#)
 - [11. Gantt \(Simple Timeline\)](#)
 - [12. Projection Logic & Formulas](#)
 - [13. Using Approval Dropdowns](#)
 - [14. Printing & Page Layout](#)
 - [15. Multi-User / Multi-Scout Setup](#)
 - [16. Data Protection & Youth Privacy](#)
 - [17. Customization & Theming](#)
 - [18. Troubleshooting](#)
 - [19. FAQ](#)
 - [20. Change Log & Maintenance](#)
 - [21. Repo Hints \(VS Code / CI\)](#)
-

1) Purpose & Scope

This workbook lets a Scout (and leaders/parents) see the full path to Eagle, track requirement starts/completions, project eligibility & BOR dates, visualize progress, and capture which leader approved each requirement.

2) What's Included (Sheets Overview)

Profile

Scout info (Name, SID#, DOB→Age auto, Phone, Email, Unit, Council, Current Rank) and **Next 3 Steps**.

All other sheets pull header fields from here.

Leadership Log

Roster of approvers (Initials, Full Name, Position, Phone, Email, SID#).

Requirement rows use a dropdown of these Initials for "Approved By."

Inputs

Globals for projections: Today's Date, default BOR Buffer (days), optional merit badge pace.

Rank Tabs: Scout, Tenderfoot, Second Class, First Class, Star, Life, Eagle

Condensed requirements, Start/Done dates, auto **Eligible/Auto** (for duration-gated items), and **Projected BOR (with buffer)**.

Eagle Badges

14 Eagle-required + 7 elective placeholders, automatic counts, and milestone dates that feed back to the Eagle sheet.

Overview

One line per rank: **Previous BOR (auto)**, **Projected BOR**, **Actual BOR**.

Progress Report

Print-ready snapshot with header block, current/next rank, timeline, and **Next 3 Steps**.

Gantt

Simple timeline (data bars) showing Start → Projected BOR per rank.

3) Quick Start (5 minutes)

1. **Profile:** fill in Scout info; DOB auto-calculates Age. Enter the **Next 3 Steps**.
 2. **Leadership Log:** add approvers; keep **Initials** unique and consistent.
 3. Open the current **rank tab** (e.g., Tenderfoot). Enter **Start/Done** dates as items are signed.
 4. In **Approved By (Initials)** choose the signing leader from the dropdown.
 5. Check **Overview** / **Progress Report** for projected timelines; tweak **Inputs** → **BOR buffer** to match your unit/district cadence.
-

4) Profile Tab (Scout-User)

Fields: Name · SID# · DOB · Age (auto) · Phone · Email · Unit · Council · Current Rank · **Next 3 Steps**.

The Profile feeds the printed header across the workbook and the "Next 3 Steps" panel in **Progress Report**.

5) Leadership Log (Approvers)

Columns: Initials · Full Name · Position · Phone · Email · SID# (BSA ID).

- Requirement sheets reference **Initials** (column A) for the approval dropdown.
 - If initials change, update them here to propagate globally.
-

6) Standard Header on Every Sheet

Each sheet prints a standardized header with **Name, SID#, Age, Phone, Unit, Council, Current Rank** pulled live from **Profile**, set to **repeat on every printed page**.

7) Rank Sheets (Scout → Eagle)

Each rank tab includes: - **BOR summary:** Previous BOR (auto), This Rank BOR (Actual), This Rank BOR (Projected).

- **Requirement rows:** Start Date, Done Date, optional **duration** (e.g., 30-day or 4-week fitness streak), auto **Eligible/Auto** for duration-gated tasks, **Approved By (Initials)** dropdown, and Notes.

- **Star / Life** add tenure (Active months), POR months, and rank-level merit badge mini-tables (6/4 and 11/7).

- **Eagle** is summarized here; see **Eagle Badges** for the 14 required and total 21 count gates.

8) Eagle Badges (14 Required + 7 Electives)

- Enter completion dates; counts auto-update (required, elective, total).
 - Two milestone dates auto-compute:
 - **Date All Required Completed (14)**
 - **Date 21 Badges Completed**
 - These dates feed back to the Eagle tab's milestone rows.
-

9) Overview (Rank Timeline)

A compact, single place to see each rank's **Previous BOR (auto)**, **Projected BOR**, and **Actual BOR** (once set).

10) Progress Report (Printable One-Pager)

Print-friendly (portrait, fit-to-width) with: - standard header, - current / next rank, - rank timeline, - **Next 3 Steps** from Profile.

11) Gantt (Simple Timeline)

A visual of Start → Projected Finish (BOR) per rank with a duration **data bar** for quick scanning.

12) Projection Logic & Formulas

Month-based clocks

```
Eligibility = EDATE(Start, n_months)
```

- Star active time (4 months), Life active time (6 months), Eagle (active as Life 6 months; leadership 6 months).

Fixed-day streaks

```
Eligibility = Start + N days
```

- Tenderfoot fitness plan: **30 days**.
- Second Class / First Class fitness streaks: **28 days** (4 weeks).

Badge gates

- When count thresholds are met, **Gate Date = MAX(all relevant completion dates)**.

Per-rank eligibility

```
Projected Eligibility = MAX(all Eligible/Auto cells, all Done dates)  
Projected BOR (buffered) = Projected Eligibility + BufferDays
```

(BufferDays is set on **Inputs**—default 21.)

Eagle projection

```
Projected Eligibility (Eagle) = MAX(  
  Life active 6 mo,  
  Life leadership 6 mo,  
  Date all 14 required badges completed,  
  Date 21 badges completed,  
  Project milestones (proposal/work/report/UL conf/app)  
)  
Projected Board Date = Projected Eligibility + BufferDays
```

13) Using Approval Dropdowns

- Every requirement row has **Approved By (Initials)** with a dropdown sourced from **Leadership Log → Initials (A2:A200)**.
 - If a leader isn't listed, add them to the log; the dropdowns update automatically.
-

14) Printing & Page Layout

- The header is configured to **repeat** on every printed page.
 - **Progress Report** is tuned for a one-pager.
 - If your council/district needs more header fields: add them on **Profile** and extend each sheet's header formulas.
-

15) Multi-User / Multi-Scout Setup

Simplest: one workbook **per Scout**

- Duplicate `Path_to_Eagle_Complete_Tracker.xlsx`.
- Use versioned filenames (e.g., `Lastname_Firstname_PathToEagle_v1.xlsx`).

Web / portal approach:

- Move data to a DB (SQLite/Postgres) to avoid concurrent-edit issues.
 - Map Profile + Leadership Log to forms/tables; generate the workbook as an export.
 - Add auth, activity/audit logs (timestamp, user, requirement, approver).
-

16) Data Protection & Youth Privacy

- Limit PII to what's necessary; restrict access to registered leaders/guardians.
 - For screenshots or demos, **redact** name, SID#, DOB, phone, email.
 - Follow your council's and organization's youth protection policies.
-

17) Customization & Theming

- Add troop colors/crest, extra Profile fields, or local milestones.
 - If inserting columns or moving blocks, confirm dependent formulas still point to the intended ranges (especially headers and approval columns).
-

18) Troubleshooting

- **Projected BOR is blank** → Enter required **Start/Done** dates; ensure the **previous rank BOR** is set (actual or projected).
 - **Approval list empty** → Populate **Leadership Log** (Initials in column A).
 - **Dates render as numbers** → Format as **Date** (yyyy-mm-dd).
 - **Array-style formulas not evaluating** → In older Excel, use helper cells/ranges or ensure dynamic arrays are supported.
-

19) FAQ

Q: Can a Scout work on multiple ranks at once?

A: Requirements can be pursued in parallel, but **ranks are earned in order**. Use **Overview** to sequence BORs.

Q: How do we track POR across multiple roles?

A: Enter the initial start date; use **Notes** for ranges. For granular tracking, add a POR Log sheet.

Q: Can we store counselor info with badges?

A: Yes—add columns to **Eagle Badges** (Counselor Name/Phone/Email). Keep count/date formulas intact.

20) Change Log & Maintenance

- **v1.0** — Initial release: Profile, Leadership Log, repeating headers, rank sheets, Eagle Badges, Overview, Progress Report, Gantt.
 - **v1.1** — <date>: <summary of updates>
 - **v1.2** — <date>: <summary of updates>
-

21) Repo Hints (VS Code / CI)

Suggested tree

```
/ (repo)
├─ /docs
│   └─ README_Path_to_Eagle.docx
│   └─ screenshots/ (optional, with redactions)
├─ /tooling
│   └─ scripts/ (ETL/export/import if you web-enable)
├─ README.md
└─ Path_to_Eagle_Complete_Tracker.xlsx
```

VS Code tips - Add an **Excel** or **Office** extension to preview sheets quickly. - Use a **.gitattributes** rule (`*.xlsx binary`) to avoid spurious diffs. - For web enablement, manage state in a DB and offer exports to this template.

CI ideas - Lint scripts that generate/update the workbook (schema checks). - Optional: a unit test that opens the workbook and confirms critical ranges exist (headers, validation lists, formulas not #REF!).

Best Practices (Quick List)

- Keep one authoritative copy per Scout; version filenames.
 - Enter **Actual BOR** dates promptly (they anchor tenure clocks).
 - Start timed fitness items immediately; mirror them into **Next 3 Steps**.
 - Standardize leader **Initials**; avoid duplicates.
 - Before printing, sanity-check **Progress Report** and header.
-

Questions / improvements? Open an issue or PR with examples (redacted).