🗄 Falcon BMS 4.38 – Mission Planning Checklist.

Mission Planning and debriefs are where the battle is often won and lesson learnt. Take time to plan your missions even when created by the mission planner.

Ensure they are covering all aspects and be prepared to adjust them if needed. Look for possible issues with close proximity to airbases and air defence systems. Note where they are and be ready to act appropriately to make the mission a success.

☑ GENERAL MISSION SETUP

Task	✔
Select Campaign or Tactical Engagement	☐
Choose correct flight/package	☐
Click "Takeoff" to open Mission Planner	☐
Review mission objectives and package role (e.g., SEAD, Strike, Escort)	☐

✳ ROUTE & STEER POINTS

Task	✔
Review all steer points (STPT 1–10)	☐
Adjust steer point locations for safer routing	☐
Set **Initial Point (IP)** with clean attack run to target	☐
Ensure smooth navigation path—no excessive zigzags	☐

🎯 THREAT AVOIDANCE

Task	✔
Identify enemy SAM rings on map (red circles)	☐
Avoid flying through medium/long-range SAM zones	☐
Use low-level ingress if needed for radar avoidance	☐
Check for AAA and mobile threats near flight path	☐
Avoid known enemy air patrol zones if possible	☐

✈ ALTITUDE & SPEED

Task	✔
Set appropriate altitude per steer point (high/med/low)	☐
Balance fuel economy vs. terrain masking	☐
Adjust speed to match mission requirements and TOT	☐

⏱ TIME ON TARGET (TOT) & PACKAGE COORDINATION

Task	✔
Check assigned TOT for your flight	☐
Deflection with other flights in the package	☐
Adjust speed or routing to meet TOT accurately	☐

⛽ FUEL & RECOVERY

Task	✔
Check fuel required vs. loaded	☐
Set Bingo fuel (minimum to RTB safely)	☐
Plan alternate airbase or divert option	☐

📡 NAVIGATION & AIRBASE SETUP

Task	✔
Verify departure and destination airfields	☐
Note airbase TACAN channels	☐
Check ILS frequency for landing base	☐

💾 SAVE & LOAD DATA

Task	✔
Click "Save DTC" after changes	☐
Save the mission or TE if custom edits were made	☐

🧠 FINAL REVIEW

Task	✔
Confirm logical and safe route	☐
Confirm load out supports mission type	☐
Confirm countermeasure settings (chaff/flare programs)	☐
Review weather and time-of-day	☐

☑ **TIP:** Use this checklist *before each sortie* to reduce mistakes and ensure mission success.

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