

Automation Tasks for Avionics Proficiency

PFD/MFD

- Understand flight instruments
 - ☐ Pitch
 - ☐ Bank
 - ☐ Airspeed
 - ☐ Altitude
 - ☐ Vertical Speed
 - ☐ Heading
 - ☐ Rate of turn
 - ☐ Inclinator
- Use Bugs
 - ☐ Heading (roll)
 - ☐ Altitude (pitch)
 - ☐ Vertical Speed (pitch)
 - ☐ Airspeed (pitch)
 - ☐ Track (roll)
 - ☐ Minimums (pitch)
 - ☐ Course (roll)

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Autopilot

- Engage
- Disengage
 - ☐ AP Disconnect button
 - ☐ AP front panel on/off



Automation Tasks for Avionics Proficiency

- ☐ Circuit breaker
- ☐ Avionics buss
- Lateral mode
 - ☐ HDG/TRK/NAV
 - ☐ APPR
- Vertical mode
 - ☐ ALT
 - ☐ VS
 - ☐ IAS
 - ☐ VNAV
- Level
- VNAV

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Navigator

- Tune a COMM radio
 - ☐ Monitor standby
 - ☐ Tune Emergency 121.5 (shortcut)
 - ☐ Squawk 7700 (shortcut)
- Tune a NAV radio
 - ☐ Station ID
 - ☐ Select the NAV signal
 - ☐ Select the desired course
- Navigate
 - ☐ Understand HSI/ND/CDI/VCDI/Bearing Pointers
 - ☐ Understand NAV mode (ENR/TERM/APPR)
 - ☐ Go direct to a fix
 - ☐ Intercept a course to a fix
 - ☐ Create/Recall/Save/Delete/Import a flight plan



Automation Tasks for Avionics Proficiency

- ☐ Insert/Delete waypoints
- ☐ Activate a leg
- ☐ Load an airway
- ☐ Select a procedure
- ☐ Program VNAV
- Find Nearest
 - ☐ Airport
 - ☐ Navaid
 - ☐ ATC Frequency
- Flying a procedure
 - SID
 - ☐ Load airport/runway/procedure/transition
 - STAR
 - ☐ Load airport/runway/procedure/transition
 - ☐ Verify altitudes
 - ☐ Use VNAV
 - SIAP
 - ☐ Load airport/procedure/transition
 - ☐ Determine probable NAV mode
 - ☐ Verify routing/altitudes/HIPT
 - ☐ Confirm NAV mode NLT FAF
 - ☐ At DA/MAP, TOGA
 - ☐ Fly MAP

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